

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Township.....*11N*..... Range.....*33E*..... County.....*Big Horn*.....

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Handwritten annotations on the grid:

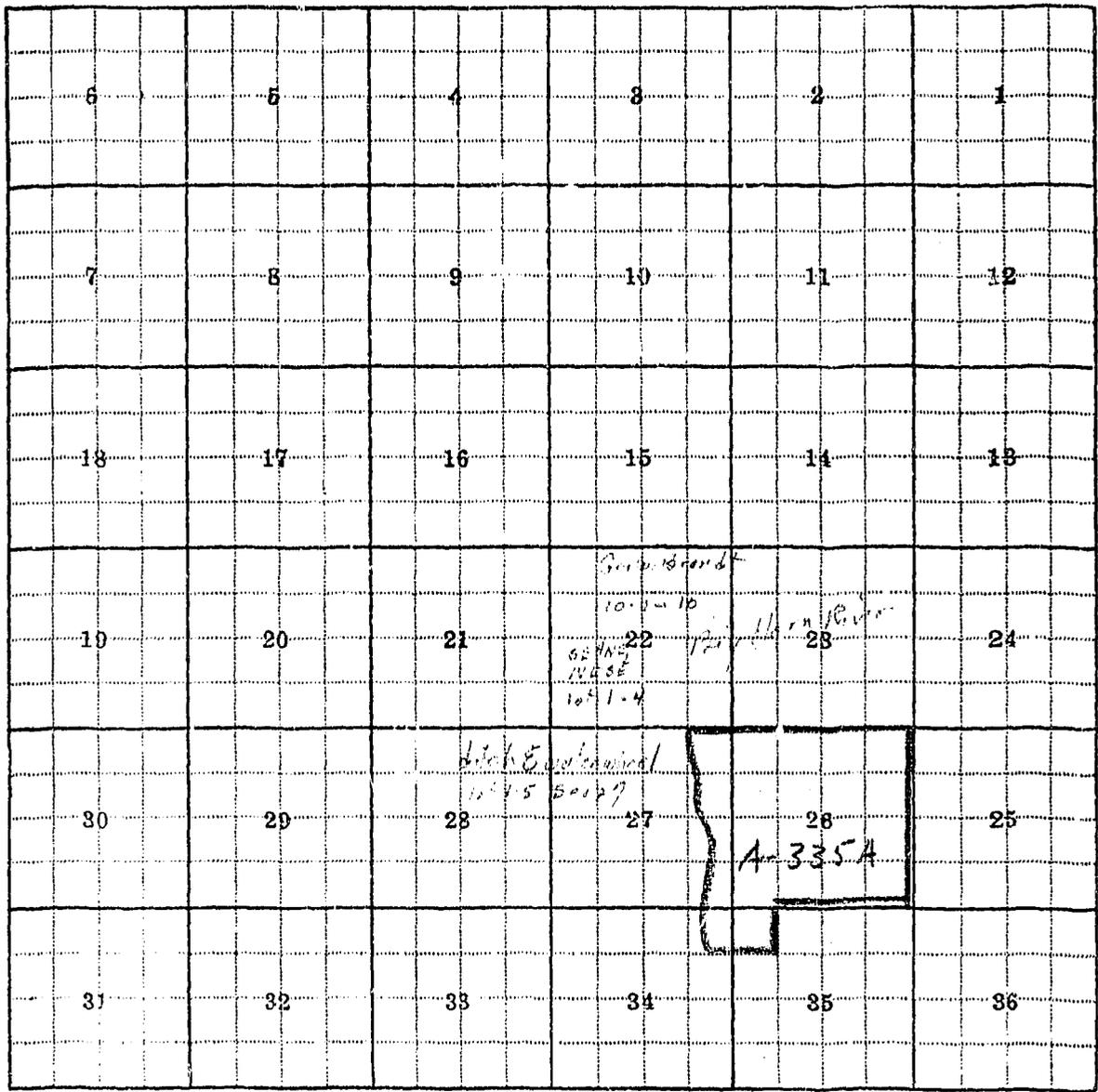
- Section 8: *346*
- Section 20: *355, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400*
- Section 22: *344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400*
- Section 27: *348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400*
- Section 34: *344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400*

Township..... Range.....

A-451
517
204
111
53
72
90
27
11

25-537
35-71-22
11-847

230
(65-231-232)



Land Ownership.....
.....
.....



190
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-40M 8-45

Code No. 17 A, 32 A
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Anderson, O. M. Address Hardin, Montana
 Name of Operator Lind, Wm. J. & Lackman, Jake ^{O. M. Anderson} Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Teggin Water Users Ass'n ditch
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 3 Shares you hold 3 acres
3. If you obtain water from more than one Company, give the number of shares, by gravity acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion: 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Two Teggin Water Users Ass'n ditch
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity #..... Pumping Other.....
11. What is the greatest number of acres you have irrigated? 3 A Date season 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 12
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 50 acres, by pumping
This land is under what ditch? Two Teggin
14. How many acres of seeped land do you have which could be drained and put into production? None
15. What is the condition of your irrigation system? Under construction. 20 acres about ready.
16. Is your water supply adequate? Yes No..... Explain.....
17. REMARKS: Please note changes made in the map on other side.

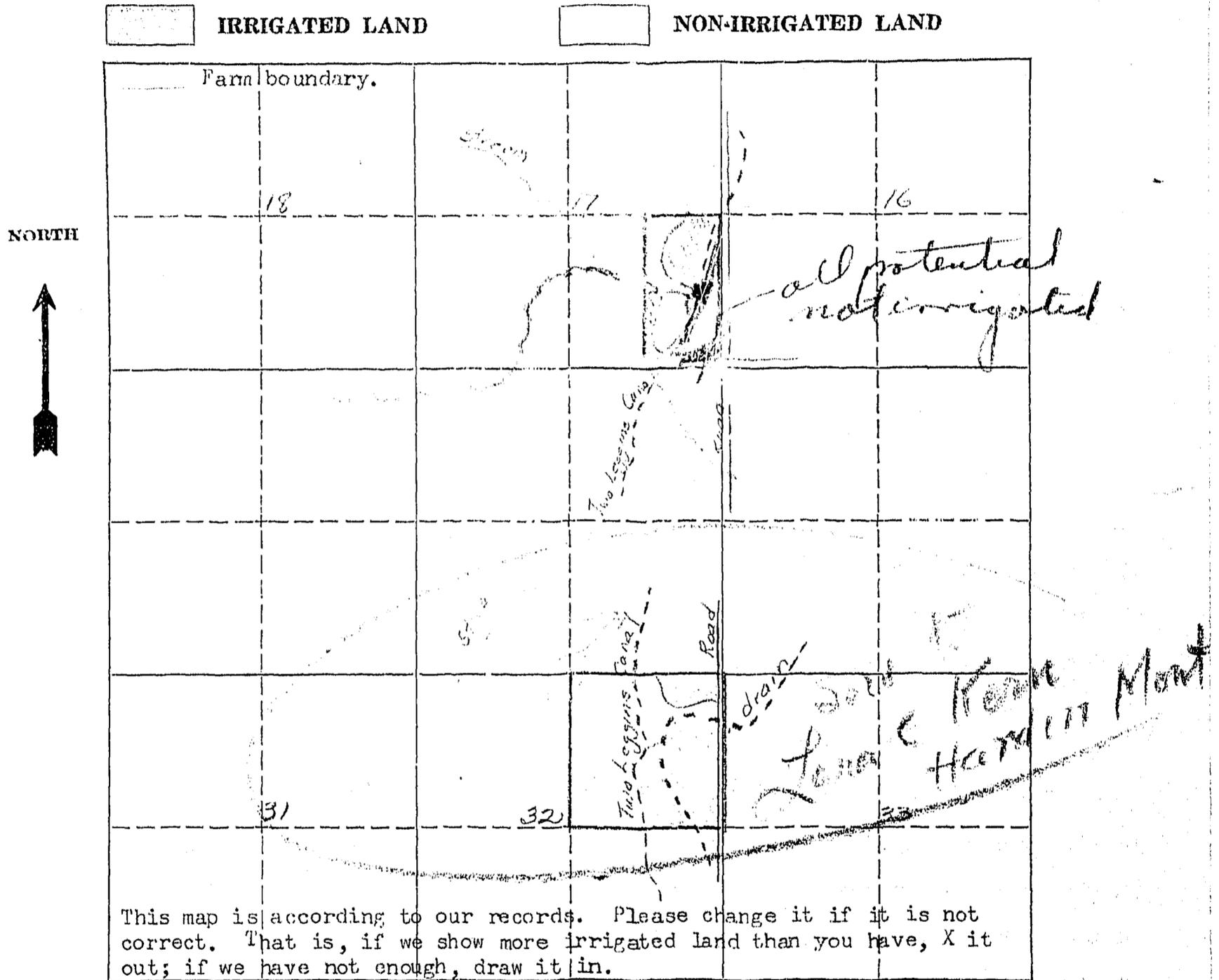
OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm E¹/₂SE¹/₄ Sec. 17 - Twp. 1 N., Rge. 33 E.

NE¹/₄ Sec. 32 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin Water Users Ass'n Acres: 20

Ditch: _____ Acres: _____

Information supplied by:

Name O. E. Anderson Address Hardin, Mont. Date 1-14-46

REMARKS: Land in Sec. 32 sold. Most of the land in E¹/₂ SE¹/₄ Sec. 17-1E-33E

is higher than the ditch and will have to be irr. by pump. 20 acres.

shaded portion will be ready for crop in spring. 30 acres more can be irr.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S E 1
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power.
7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N E.
8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E

<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

X On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

X On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

X Being used now -
I know nothing about the others
C. Anderson

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Boone

FILE NO. 190

Owner Herbert L. ... Address ...

AAA Owner " Address "

Operator Lind, Wm. Jr. Address ...

New Owner " Address "

New Operator " Address "

Assessment Record ...

Assessed Acreage -

Legal Description of This Farm E 1/2 Sec. 17- 1N 33E

Total Acres in Farm 80.0

Code Number 17A

Photo No. "

AAA Contract No. 2562

AAA Total Cropland Acreage 26.7

App. No. 335 336-337-337 345

Decree No. "

Land is located in

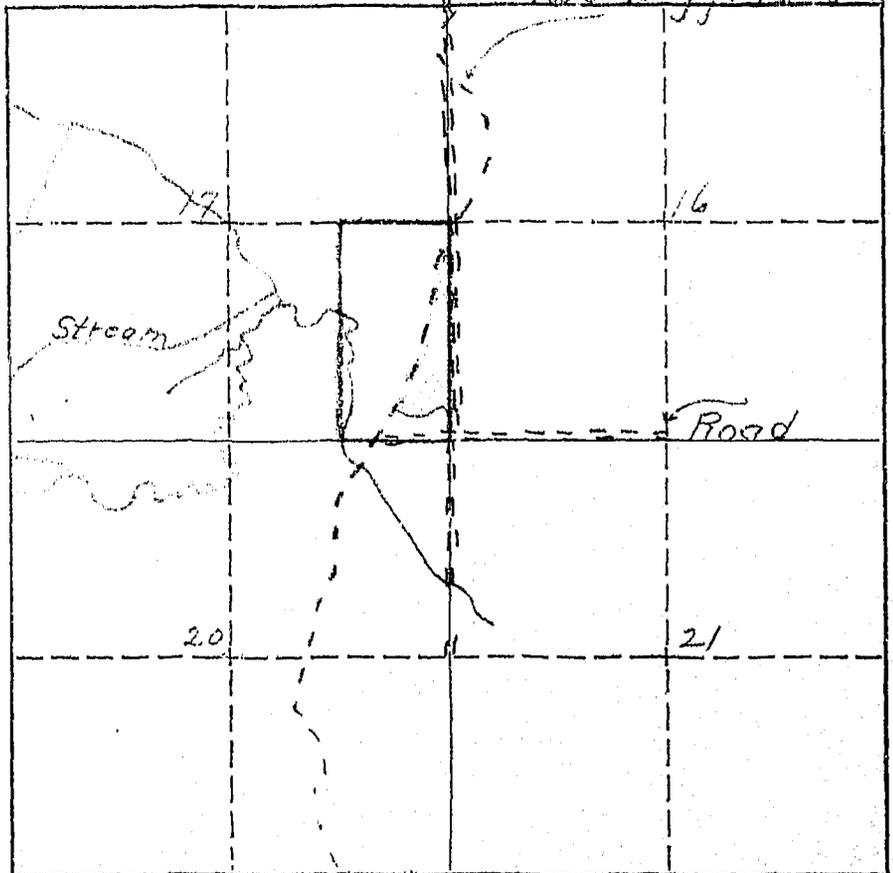
Twp. 1N Rge. 33E Twp. " Rge. "

Twp. " Rge. " Twp. " Rge. "

Filed in Twp. 1N Rge. 33E

Remarks "

Farm Map Two Leggins Canal



January 12, 1946

O. E. Anderson
Hardin, Montana

Dear Mr. Anderson:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come, these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. O. E. Anderson

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKia, C. L. Harris, F. J. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles L. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosamond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. B. Edwards, R. B. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 33B
County Big Horn
T. 1 S. R. 33 E.

Name of Land Owner Beck, Conrad Address Hardin, Montana
Name of Operator Beck, Henry Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Legion Water Users Assoc. Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 140 Shares you hold 160
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date No private
5. Give the name of the original appropriator (first user):
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

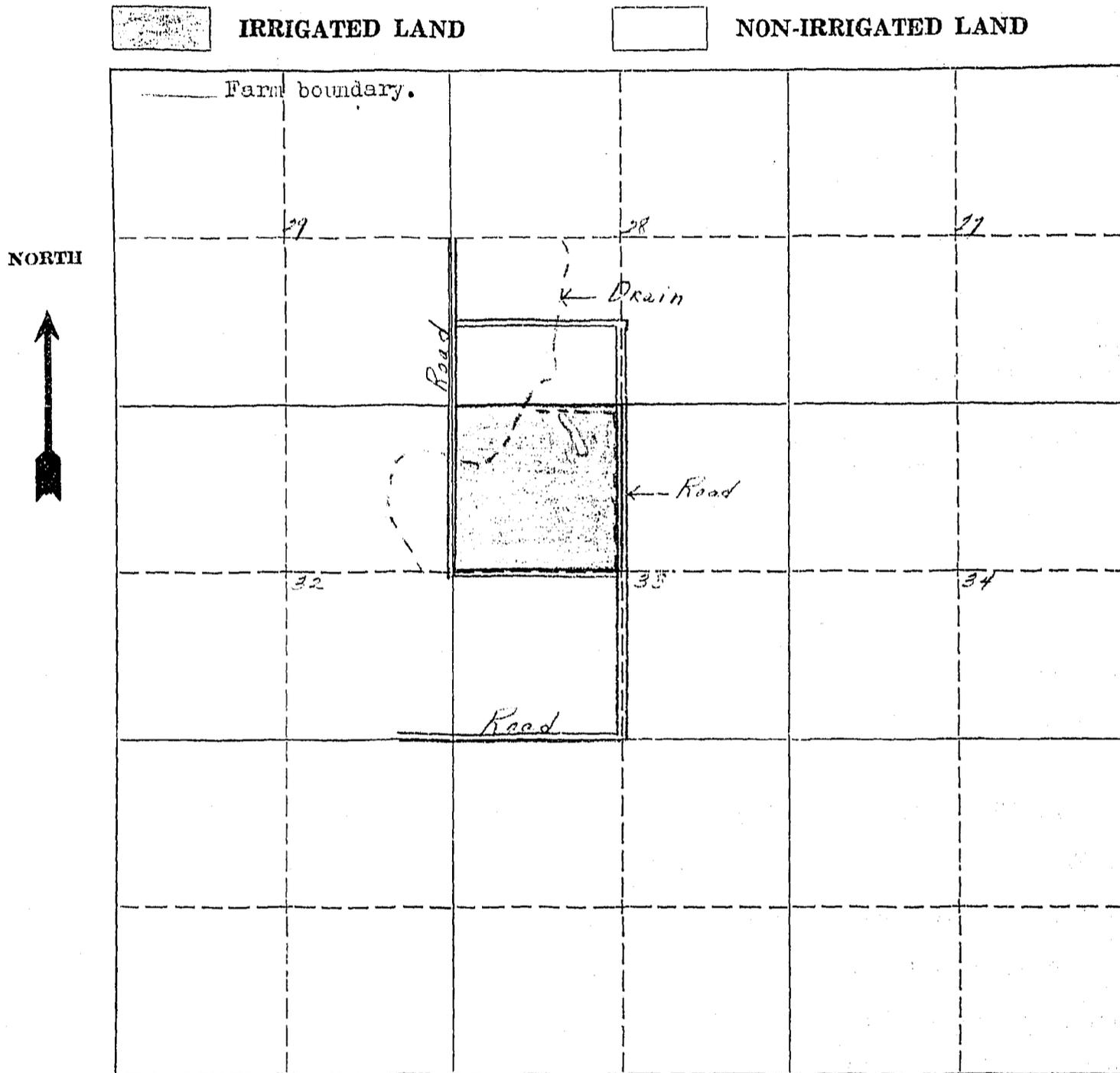
- 9. Source of Water: Big Horn River Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 140 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 140
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

Heavy sand - some salt spots

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... NW_{1/4}, Sec. 33 - Twp. 1. No., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Toggins Canal Acres: 140

Ditch: _____ Acres: _____

Information supplied by:

Name Keith Clark Address _____ Date 1/14/46

REMARKS: 140 acres from drain & roads

200 acres from 140 acres

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.W. et al. Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power.
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N E.
- 8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____

- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 200

Owner Beck, Conrad Address Hardin Mont

AAA Owner Address

Operator Beck, Henry Address Hardin Mont

New Owner Address

New Operator Address

Assessment Record NW⁴ Sec 33 1N-33E

Assessed Acreage 140

Legal Description of This Farm NW⁴ Sec. 33 1N-33E

Total Acres in Farm 160

Code Number 33B

Farm Map

Photo No. 243-76

AAA Contract No.

AAA Total Cropland Acreage

App. No. 335-336-337-339-345
341-347

Decree No.

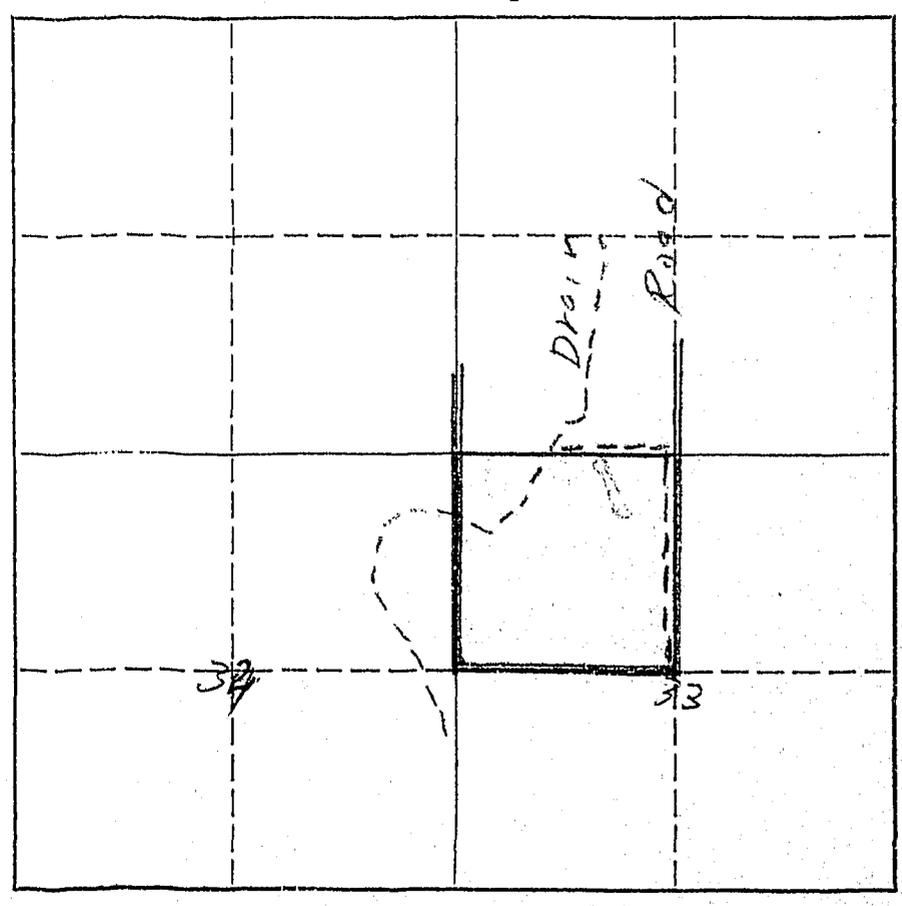
Land is located in

Twp. 1N Rge. 33E Twp. 1S Rge. 33E

Twp. Rge. Twp. Rge.

Filed in Twp. Rge.

Remarks



January 12, 1946

Mr. Conrad Beck
Hardin, Montana

Dear Mr. Beck:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

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We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Conrad Beck

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Asst State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 3, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County; (345)

On March 4, 1912, John J. Harris and Edward Lawlor filed for 1,250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 91, Big Horn County; (341)

On March 15, 1912, John H. Harris and Edward Lawlor filed for 300 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 554, Big Horn County; (341)

On July 3, 1907, James Curry and Alfred Myers filed for 50 Cubic Feet per second from Williams Creek, recorded in Miscellaneous Records, Book A, Page 24, Big Horn County. (347)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

February 15, 1946

Conrad Beck
Hardin, Montana

Dear Mr. Beck:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall."

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 18, 1946

Mr. Conrad Beck
Hardin, Montana

Dear Mr. Beck:

On January 12, 1946 we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pw

Hardin, Montana

March 20, 1946

Route 1-

Dear; Sirs

In regards to your letter of March 18, pertaining to my irrigated land in Big Horn County. I have never received any questionnaire regarding my land. J

I have been gone for the past five (5) weeks. If you would sent me another questionnaire, I would be Glad to take care of it immediately.

Thank, You

Conrad Beck

May 6, 1946

Mr. Conrad Beck
Hardin, Montana

Dear Mr. Beck:

On March 20, 1946, we received a letter from you, stating that you had not received the questionnaire which we had sent regarding your land.

Another questionnaire was mailed you on April 3rd, and to date has not been returned. We know this is an extremely busy time of year, but if you would return this form to us, we would appreciate it very much.

Very sincerely yours,

Gerald J. Oravetz
Ass't State Engineer

GJOFpw

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 511 County Big Horn Twp. South Rng. 33 East

Name of Owner Book Conrad Address Hardin, Mont.

Name of Operator same Address _____

Total Number of Acres in Farm 140.23 Number of Acres Irrigated in 1940 106

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description _____

LC 120

Tron left



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 4.D

County Big Horn

T. 1 N. R. 33 W.

Name of Land Owner Union-Central-Life-Ins.-Co. Address 206 Pratt Bldg., Billings, Montana
New Owner Benzel, Fred, Jr.
Name of Operator Benzel, Fred, Jr. Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggins Ditch Co.
2. State the number of acres you irrigate under this system 108 Shares you hold 112
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

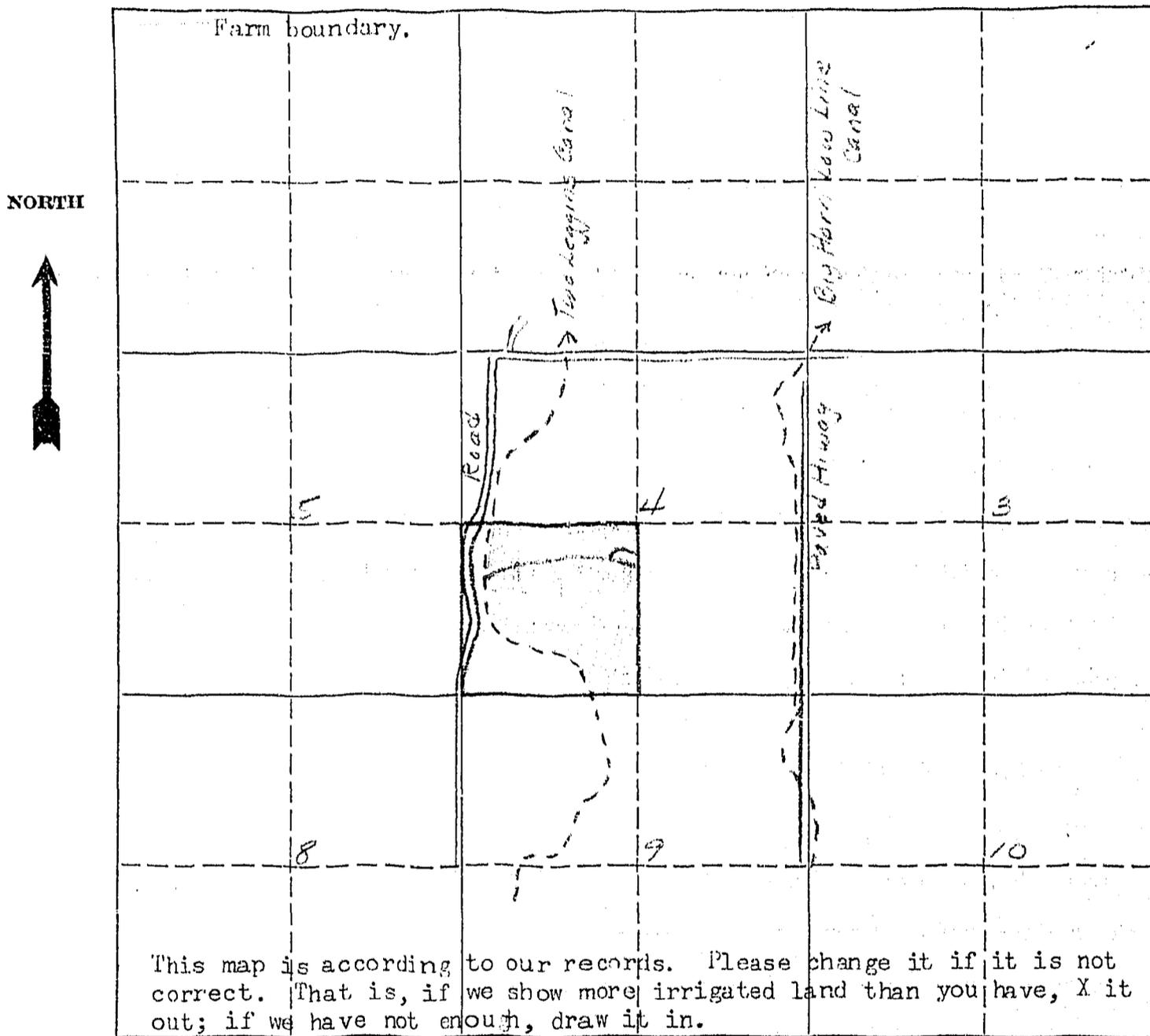
- 9. Source of Water: Big Horn River
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 108 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 108 acres
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. none This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SW 1/4, Sec. 4 - Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin's Acres: 10.8

Ditch: _____ Acres: _____

Information supplied by:

Name Irred Benzel Jr Address Hardin mont Date Jan. 22, 1946

REMARKS: Route 1

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Buttern

FILE NO. 174

Owner Union Central Life Ins. Co. Address 206 First Bldg. Killings, Mont.

AAA Owner _____ Address _____

Operator Benzel, Fred Jr. Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record SW⁴, Sec. 4 1N. 33E

Assessed Acreage 110.0

Legal Description of This Farm SW⁴, Sec. 4 1N. 33E

Total Acres in Farm 160.0

Code Number 4 D

Two Logging Canals

Big Horn Low Line Canal
Farm Map

Photo No. 243-81

AAA Contract No. 359

AAA Total Cropland Acreage 131.0

App. No. 335-336-337-338-345

Decree No. _____

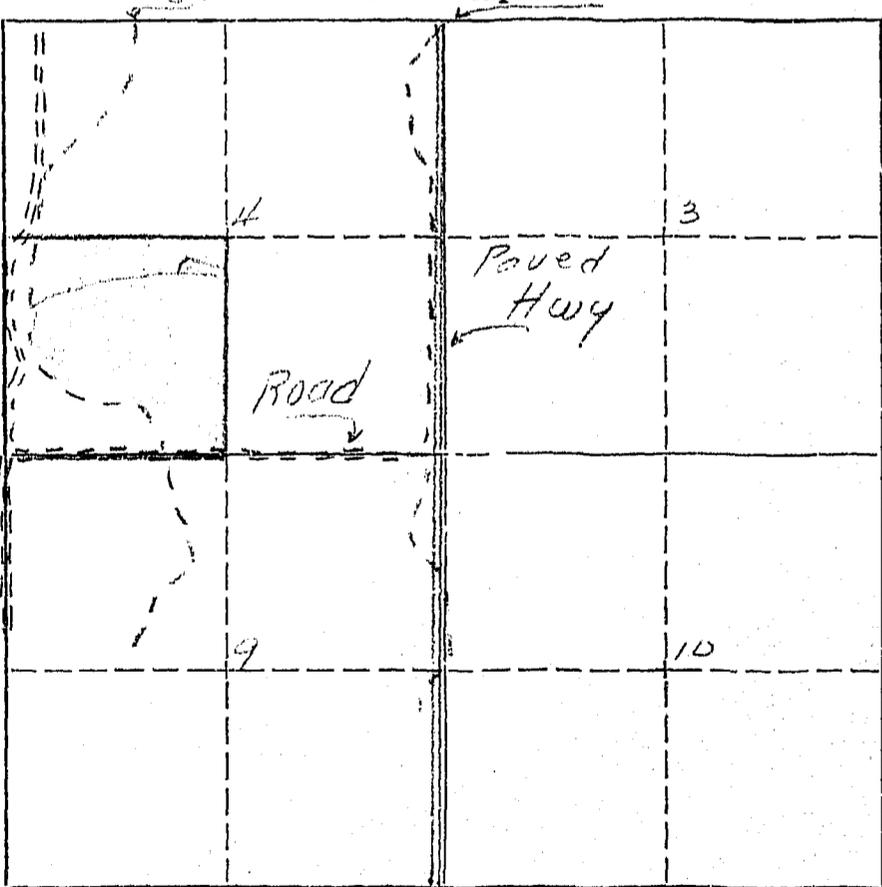
Land is located in

Twp. 1N. Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N. Rge. 33E

Remarks _____



THE UNION CENTRAL LIFE INSURANCE COMPANY

M. A. BORCHARD, STATE MANAGER
FINANCIAL BRANCH

208-7 FRATT BUILDING
TELEPHONE 7303

BILLINGS, MONTANA

Mr. G. J. Oravetz,
Asst. State Engineer,
Billings, Mont.

Dear Sir:

Herewith returning the form received in your letter of
January 12, 1946, as we do not have the information in this
office to complete this.

The land is sold to Fred Benzel, Jr., and we believe the
necessary information can be obtained from him. Our records
show that Certificate #111, for 112 shares was issued by the
Two Leggin Water Users Assn., and this is the only information
we have here. We have no record of the number of acres now
irrigated or the information to answer the other questions.

Yours very truly,

January 14, 1946



M. A. Borchard, State Manager.

January 19, 1946

Mr. Fred Benzel, Jr.
Hardin, Montana

Dear Mr. Benzel:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Fred Benzel, Jr.

-2-

January 19, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

January 12, 1946

Union Central Life Insurance Company
206 Fratt Building
Billings, Montana

Gentlemen:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

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Union Central Life Insurance Company -2-

January 12, 1946

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Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

A-D

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 357 County Big Horn Twp. North Rng. 33 East

Name of Owner Union Central Life Ins Co Address Fratt Bldg Billings Mont.

Name of Operator Beard Fred Jr Address Hardin Mont.

Total Number of Acres in Farm 1600 Number of Acres Irrigated in 1940 103

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description SW 21

LC 104

True Legality

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Spencer

FILE NO. 159

Owner Benzel, Fred Sr Address Hardin, Mont

AAA Owner _____ Address _____

Operator Leisach, David Address Hardin, Mont

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record 10/20 1420, S.W.E., 1000-9, Sec. 4 - 1N 33E.

Assessed Acreage 154.0

Legal Description of This Farm NE⁴, Sec. 4 - 1N - 33E.

Total Acres in Farm 164.0

Code Number 4 A.

Photo No. 243-81

AAA Contract No. 271

AAA Total Cropland Acreage 131.8

App. No. 325-336-337-338-345

Decree No. _____

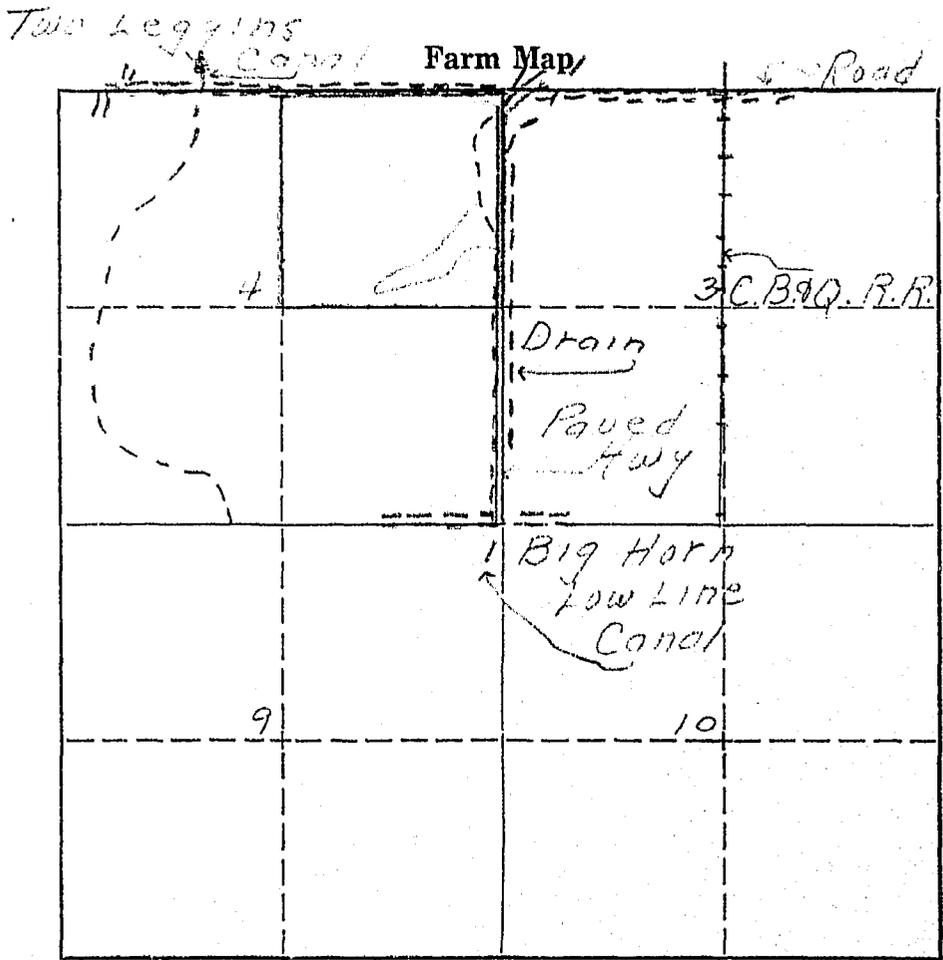
Land is located in

Twp. 1N Rge. 33E Twp. 2N Rge. 33E

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 2N Rge. 33E

Remarks _____



4-B

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 271 County Big Horn Twp. 1 North Rng. 33 East
 Name of Owner Adler, Andrew Address 224-50-36 St Billings, Mont.
 Name of Operator Andrew Adler Address Hardy St
 Total Number of Acres in Farm 159.45 Number of Acres Irrigated in 1940 132

Aug 102
 24
 132

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

LC 160
 2129 136
 1109 24

Two logging
 low line



184
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 9-45

Code No. 10 G, 11D, 15 G
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Big Horn Co. Address Hardin, Montana
 Name of Operator *Klaus Koch for 1945* c/o Eleanor & Evelyn Sawyer Address *Hardin, Mont*

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: *Big Horn Line Ditch Co*
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system: *120* Shares you hold: *70*
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

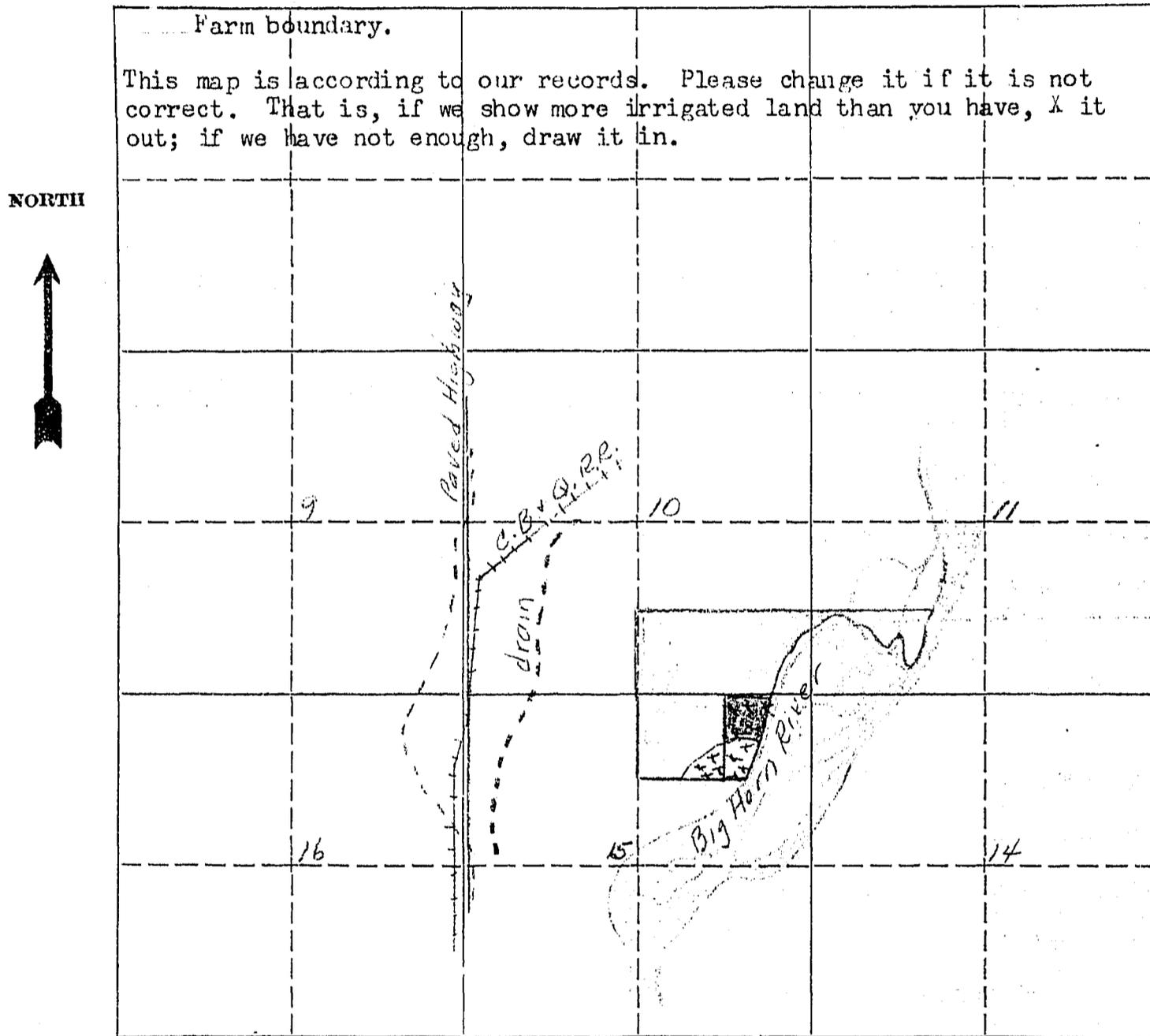
9. Source of Water: *Big Horn River*
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? *120* Date.....
12. How many acres did you irrigate in 19*45*? (Crop and pasture) *120*
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. *0* This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production? *None*
15. What is the condition of your irrigation system? *Good*
16. Is your water supply adequate? Yes No..... Explain.....
17. REMARKS: *This land is all irrigable, but because it is so arid only needs first year irrigation if the season is dry, we have only 70 shares stock. When late season rains have been sufficient but if dry years come again, we will irrigate half of it every other year or thereabouts.*

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm S $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 10 ; Frac lot 8, Sec. 11; NWN $\frac{1}{4}$, Sec. 15;
Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



xx - This land also belongs to us.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Horn River Acres: 120

Ditch: _____ Acres: _____

Information supplied by:

Name Edna & Evelyn Sawyer - Farmers Address _____ Date 1-16-26

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

According to our records the following notices of appropriations were filed on and cover your land.

no On August 6, 1906, Roy McKim, C. L. Harris, F. W. Wine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

no On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

no On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

no On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

yes On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

on the land mapped

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Bis Horn

FILE NO. 185

Owner..... Address.....

AAA Owner Snyder, W. A. To Evelyn Snyder Address Harden, Mont.

Operator Bastrom, Reuben Address Harden, Mont.

New Owner..... Address.....

New Operator..... Address.....

Assessment Record none

Assessed Acreage.....

Legal Description of This Farm Lot 2 - Sec. 14 Lot 1 - Sec. 5 1N 33E

Total Acres in Farm 38.0 ?

Code Number 154

Photo No. 242-79

AAA Contract No. 3000

AAA Total Cropland Acreage 7.8

App. No. 335 336-337 339-345

Decree No.....

Land is located in

Twp. 1N Rge. 33E Twp..... Rge.....

Twp..... Rge..... Twp..... Rge.....

Filed in Twp..... Rge.....

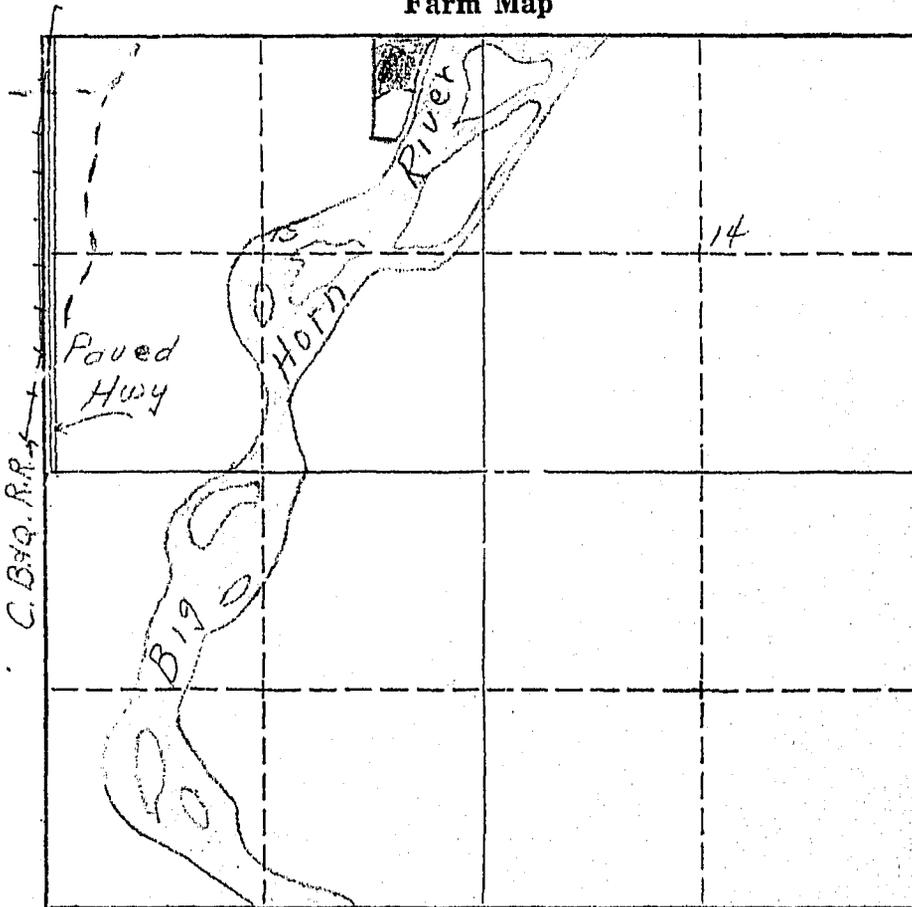
Remarks This piece has been

added to the farm that

was returned as the

acreage was included.

Farm Map



W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. _____ County _____ Twp. 1 N Rng. 33

Name of Owner Sawyer Mrs WA Address Hardin

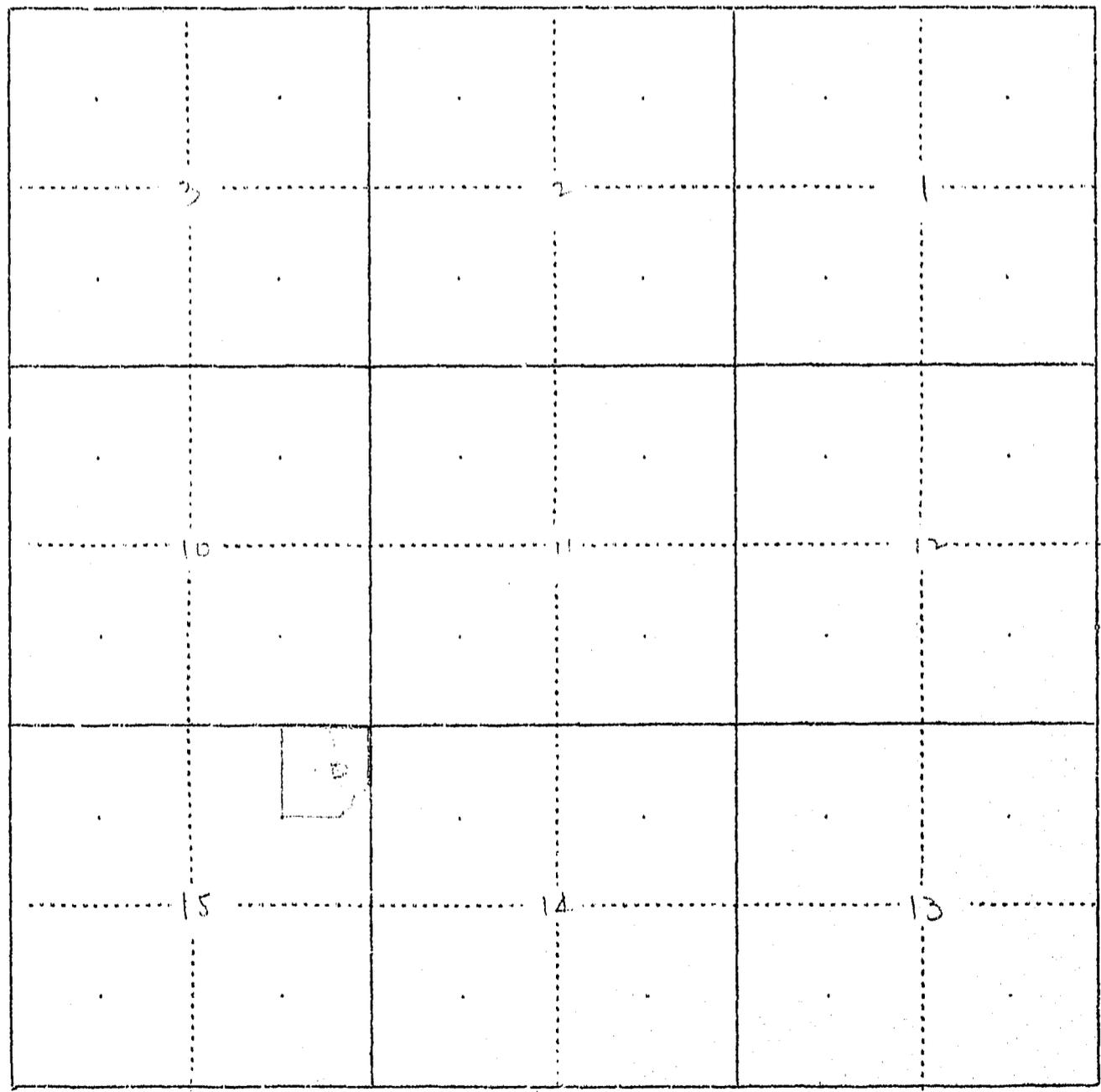
Name of Operator _____ Address _____

Total Number of Acres in Farm 311 Number of Acres Irrigated in 1940 25

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lot 1 Sec 15

LC 12



SM-1
25

~~AAA~~

1198

15-D

FORM SM-1

A STUDY OF MONTANA'S WATER RESOURCES

County Big Horn Code No. _____

1. Water User Mrs W A Sawyer Address Hardin

2. Stream Big Horn Tributary of Yellowstone

3. Point of Diversion $\frac{1}{4}$ $\frac{1}{4}$ Section _____ Township _____ Range _____

4. Description of System Law Line Ditch

5. Original Appropriator Edwards J P et al Address Yellowstone Date 6/11/1909

6. First Use: Date 1919 or 1915 No. Acres Irrigated 25

Other Use _____ Date _____

7. Maximum Use: Date _____ No. Acres Irrigated 25

Other Use _____ Date _____

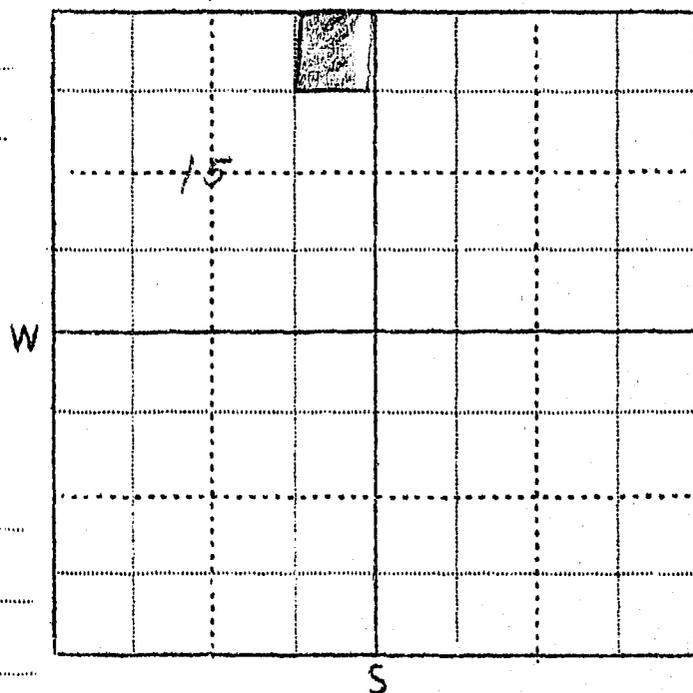
8. Present Use and Condition of System Good 1 N - 33 E

1940 Crops	No. Acres
a <u>Barley</u>	<u>10</u>
b <u>Grass</u>	<u>15</u>
c _____	_____
d _____	_____
e _____	_____
f _____	_____
TOTAL	<u>25</u>

Other Use (1940) _____

9. Potential Irrigable Lands Under this System 9

by clearing



10. Remarks _____

11. The above statements are true and accurate to the best of my knowledge and belief: Evelyn Sawyer (Signed)

WITNESS H. H. Hickey Hardin (Place) 11/15/40 (Date)

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 184

Owner Big Horn Co. to Florence Swyer Address Hardin, Mont.

AAA Owner Big Horn County Address _____

Operator Bastrum, Paulien Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record S²SE⁴ Sec. 10 1/2⁹ - Sec. 11. 1N. 33E

NWNE⁴ Sec. 15 - 1N. 33E

Assessed Acreage 116.45

Legal Description of This Farm S²SE⁴ Sec. 10 Proc lot 8 - Sec. 11. NWNE⁴ Sec. 15

1N. 33E.

Total Acres in Farm 130

Code Number 109-11D-15B-

Photo No. 243-80, 243-21, 243-79,

AAA Contract No. 305

AAA Total Cropland Acreage 100.6

App. No. 335-336-337-339-345

Decree No. _____

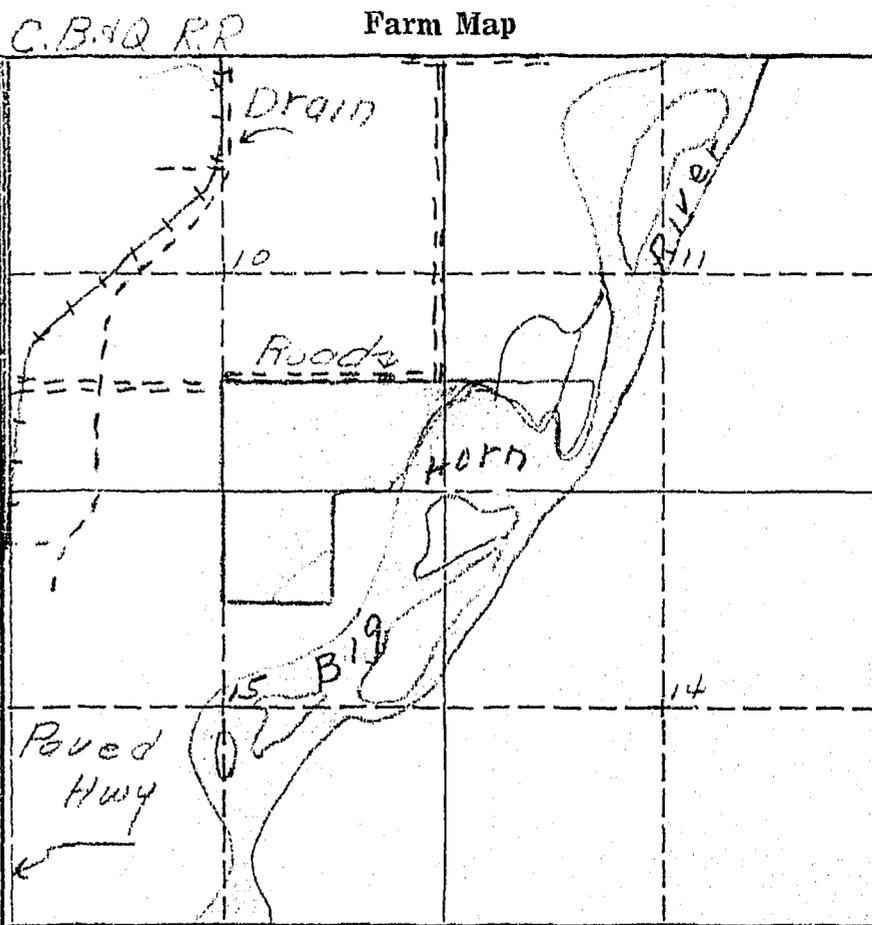
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N. Rge. 33E.

Remarks _____



STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 184

Owner Big Horn Co. & Eleanor Evelyn Sawyer Address Hardin, Mont.

AAA Owner Big Horn Co. Address _____

Operator _____ Address _____

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record Lot 8 Sec 11-1 N 33 E

Assessed Acreage 2.2

Legal Description of This Farm Lot 8 Sec 11-1 N 33 E

Total Acres in Farm 53.0

Code Number _____

Photo No. _____

AAA Contract No. 8060

AAA Total Cropland Acreage 0

App. No. 335-340-337-337-345

Decree No. _____

Land is located in

Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks _____

Farm Map

	10		11
	15		14

January 12, 1946

Big Horn County
c/o Eleanor & Evelyn Sawyer
Hardin, Montana

Mesdames:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

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We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Eleanor & Evelyn Sawyer

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. C. Danilson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. A. Edwards, R. A. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 3000 County Big Horn Twp. North Rng. 33 East

Name of Owner Big Horn County Address Hardin, Mont.

Name of Operator Beard August Address "

Total Number of Acres in Farm 38 3/4 Number of Acres Irrigated in 1940 8

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Part Lot 8 - sec 11 - 1N - 33E

LC 27

Low line

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

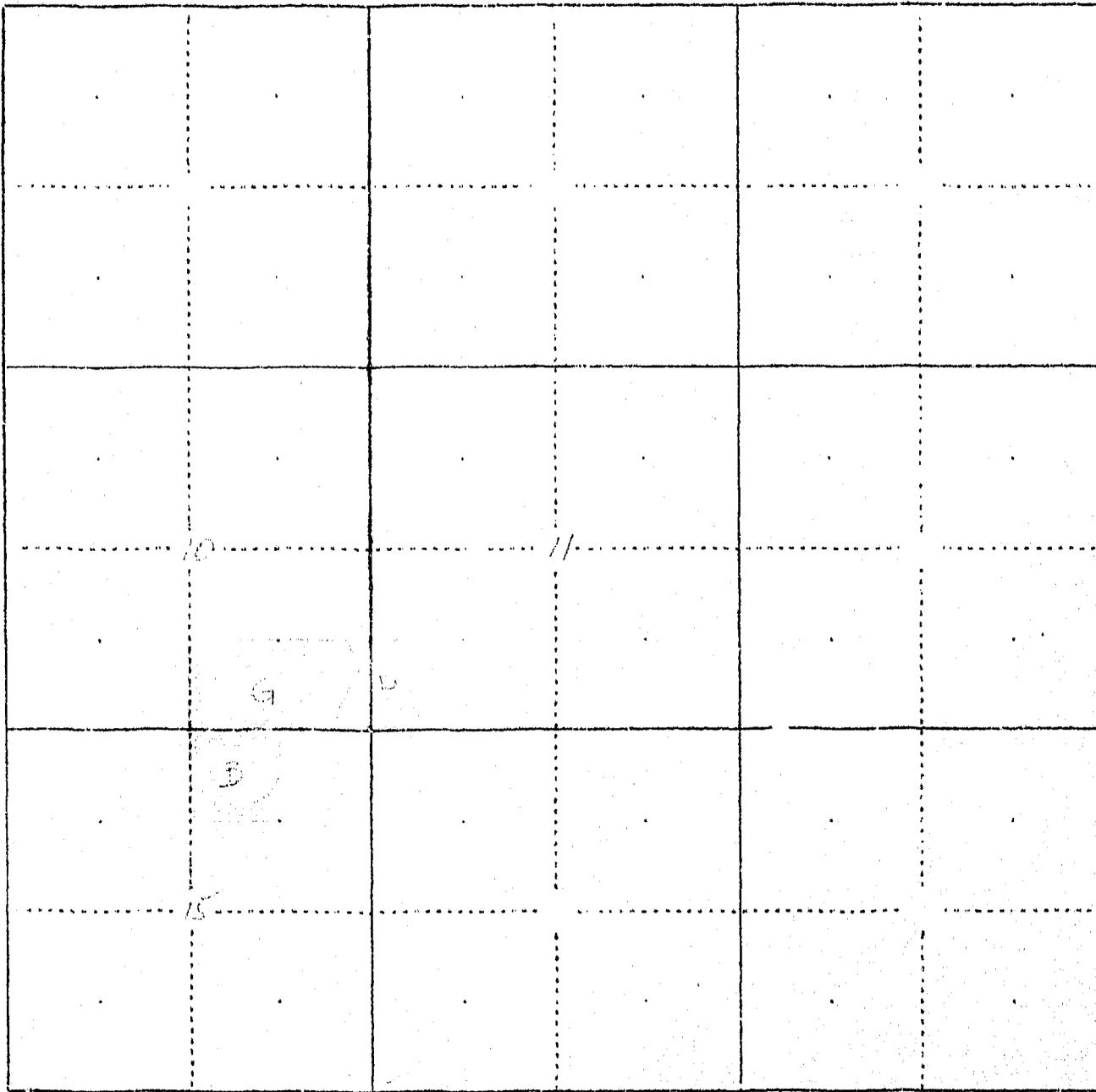
10-G
15-B
11-D

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 305 County Big Horn Twp. 1 North Rng. 33 East
Name of Owner Big Horn County Address Hardin Mont
Name of Operator Royce Inc. Address " "
Total Number of Acres in Farm 130 Number of Acres Irrigated in 1940 101

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S²SE¹⁰, NW¹NE¹S, Part lot 8- sec 11- 1N-33E



LL 80 (10)
15 (11)
36 (15)

Low line



170
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

FORM WR-1-10M 8-45

Code No. 2 A
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Bowman, Elmer K. Address Helena, Montana
 Name of Operator Heckel, Fred Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: BIG HORN LOW LINE DITCH COMPANY
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 80 Shares you hold 100
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity yes Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 80 Date.....
12. How many acres did you irrigate in 1945? (Crop and pasture): less roads and ditches = 70
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10 This land is under what ditch? same
14. How many acres of seeped land do you have which could be drained and put into production? about 10 acres damaged but being returned slowly to cultivation
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes yes No..... Explain except dry summers when low water in the river interfered with getting water in the main canal-No trouble
17. REMARKS: recent years when there were more summer rains.

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm Lots 2, 3, 4, Sec. 2 - Twp. 1 N., Rge. 33 E.

	IRRIGATED LAND	NON-IRRIGATED LAND
<p>NORTH</p> 	Farm boundary.	
	Road	
	33 drain	
	2	
	Big Horn River	
	10 11 12	

This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: All under the Big Horn Low Line Ditch Co. Acres: 7.2

Ditch: Acres:

Information supplied by:

Name: Elmer K. Bowman, owner Address: Helena, Mont Capital Date: Jan. 14-1946

REMARKS: All land marked in blue pencil is irrigable except roads and ditches. We have been and still are figuring on adding something like 10 acres at the east end of the blue which is now timber and grass.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

(b) On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

(c) On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

(a) This ditch was used for irrigation starting in 1908 to 1910.

(b) This ditch in service was completed

I have seen a map of the Farmer's Ditch that I used in 1907. The headgate was a few miles south of the river. The canal crossed the L.P. & S. just east of Madison. Maybe this was merged into the Two Leggins Water Users

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 170

Owner Bowman, Elmer R. Address Helena, Mont.

AAA Owner " " Address " "

Operator Heckel, Fred Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record 1975-2-3-4 Sec 2-1N-33E

Assessed Acreage 10.0

Legal Description of This Farm Lot 2, 3, 4 Sec 2-1N-33E

Total Acres in Farm 119.6

Code Number 2A

Photo No. 243-20

AAA Contract No. 391

AAA Total Cropland Acreage 62.1

App. No. 335-336-337-338-345

Decree No. _____

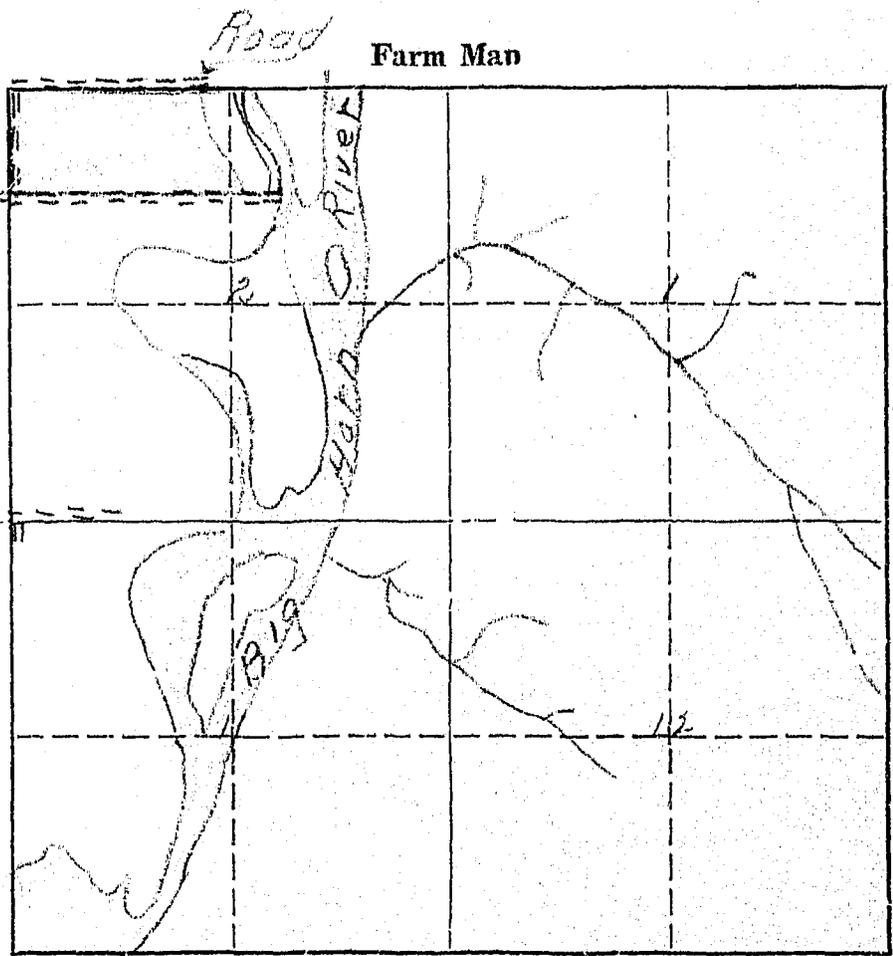
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____



January 12, 1946

Mr. Elmer K. Bowman
Helena, Montana

Dear Mr. Bowman:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Elmer K. Bowman

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

CJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hino, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 9, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 391 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Bowman, E.K. Address Helena Mont.

Name of Operator Plaff, Emanuel Address Hardin Mont.

Total Number of Acres in Farm 117 1/2 Number of Acres Irrigated in 1940 62

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lots 234 sec 2-14-33E

		A			
			2		

LC 76
Ditch Co. 100
Low Line



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 54A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Bunston, Howard W. Address Hardin, Montana
Name of Operator Bekts, Rolland Address " "

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggin & Union Line Ditch
2. State the number of acres you irrigate under this system 108.7 Shares you hold No. 5 shares listed under Big Horn Ditch Co.
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user)
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system
8. Give the point of diversion: 1/4 Section Township Range

Part C

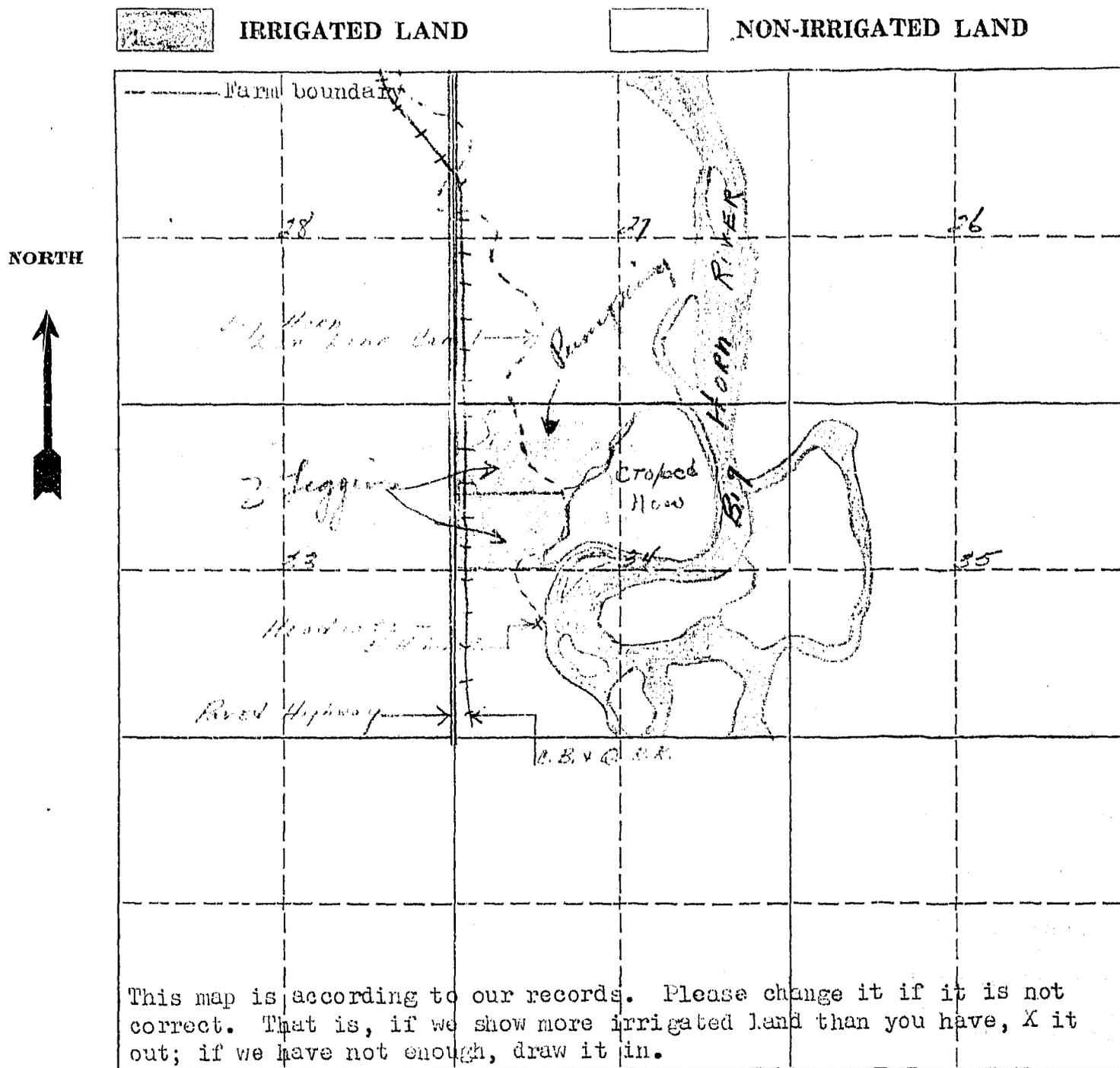
TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 108.7 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 108.7
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10.0 This land is under what ditch? Two Leggin (by pump)
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm.....lots 2,3,4, N $\frac{1}{2}$ NW $\frac{1}{4}$, SWNW $\frac{1}{4}$, Sec. 34, Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Diggins Ditch Acres: 64.0
 Ditch: low line - (Pumps) Acres: 44.7
 Information supplied by: 108.7

Name R. Lloyd Betts by mail Address _____ Date 3-11-46

REMARKS: Field checked by H. L. Bille + E. J. Cravel
for land use and water use. Very rough
min bottom land.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 cubic feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gornarz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eber, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

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On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No," and if they are, mark them "Yes."

January 12, 1946

Mr. T. S. Christian
Hardin, Montana

Dear Mr. Christian:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.88 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come those potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. T. S. Christian

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Wder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

February 15, 1946

T. S. Christian
Hardin, Montana

Dear Mr. Christian:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 13, 1946

Mr. T. S. Christian
Hordin, Montana

Dear Mr. Christian:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pw



FRED E. BUCK, STATE ENGINEER
GERALD J. ORAVETZ, ASSISTANT

STATE OF MONTANA

STATE ENGINEER

BILLINGS, MONTANA

March 18, 1946

Mr. T. S. Christian
Hardin, Montana

Dear Mr. Christian:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

Gerald J. Oravetz
/s/ Gerald J. Oravetz
Ass't State Engineer

top:pw

yes also I sent the last letter
back to the new owner of the Place

Dear Sir
we have sold our Place out there
& the owner name is Rolland Betts
Hardin Montana Kant one.

J. S. Christian
Peoria Ariz

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Burston Howard W. 373.00 Acres Address Hardin Mont.

AAA Owner _____ Address _____

Operator Christian, T.S. Address Hardin Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record lots 2, 3, 4, N2NW4, SWNW4 Sec. 34 - 1N - 33E.

Assessed Acreage 55.0

Legal Description of This Farm lots 2, 3, 4, N2NW4, SWNW4 Sec. 34 - 1N - 33E.

Total Acres in Farm 227.0

Code Number 34 A -

Big Horn
Low Line Canal Farm Map

Photo No. 243-76

AAA Contract No. 276 A 2

AAA Total Cropland Acreage 108.7

App. No. 335-336-337-339-345

Decree No. _____

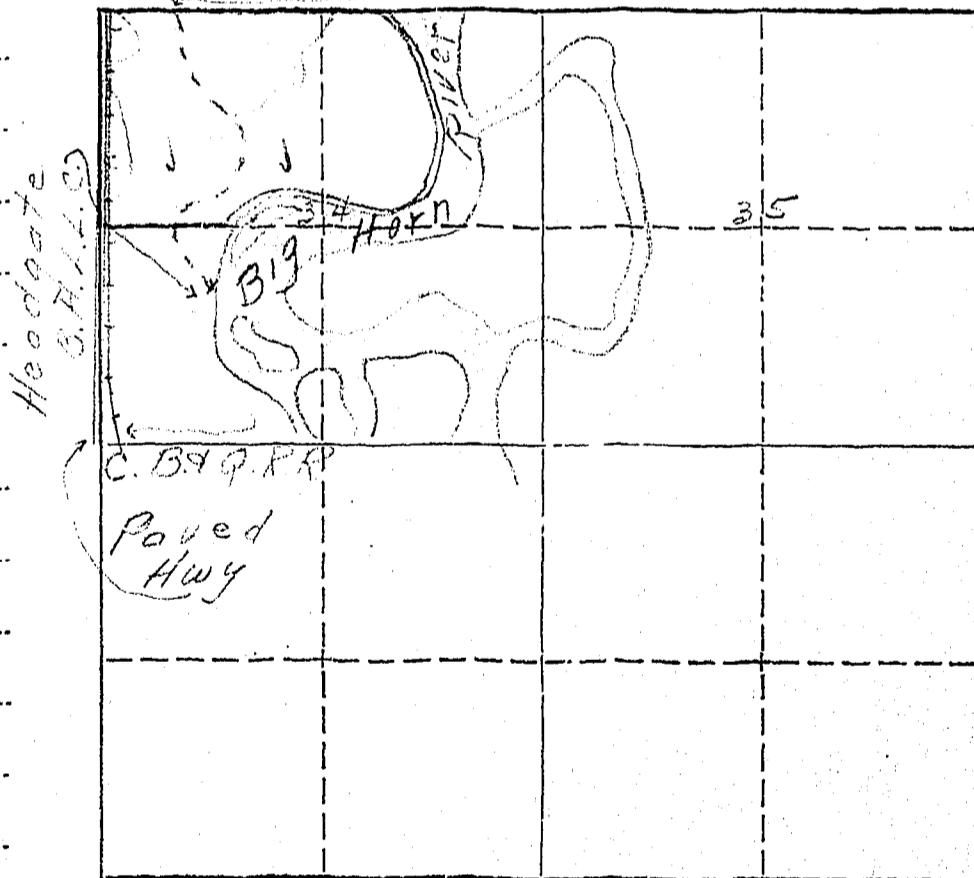
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks Sold to Operator





186
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-15
 Code No. 27 C, 28 C
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Bunston, Howard W. Address Hardin, Montana
 Name of Operator Schneider, Henry Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

- Water is delivered by: Two Leggin's Water Users & ~~Leggin's Ditch Co.~~
Name of Ditch, Ditch Company or District supplying water
- State the number of acres you irrigate under this system 120 Shares you hold 240
- If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

- In what year was this land first irrigated? Date 1908
- Give the name of the original appropriator (first user): shown on back
- Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- State the total number of acres irrigated under this system: 120 - T.L. Ditch by low line
- Give the point of diversion: west on T.L. Canal -
 $\frac{1}{4}$ Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- Water is obtained by: (Check one) Gravity Pumping Other.....
- What is the greatest number of acres you have irrigated? 200 Date 1935
- How many acres did you irrigate in 1945? (Crop and pasture) 120
- State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. up to 300 a This land is under what ditch? both
- How many acres of seeped land do you have which could be drained and put into production? 10 a
- What is the condition of your irrigation system? fair
- Is your water supply adequate? Yes..... No..... Explain some times river is short

17. REMARKS: Present 80 200 0 100 3.35

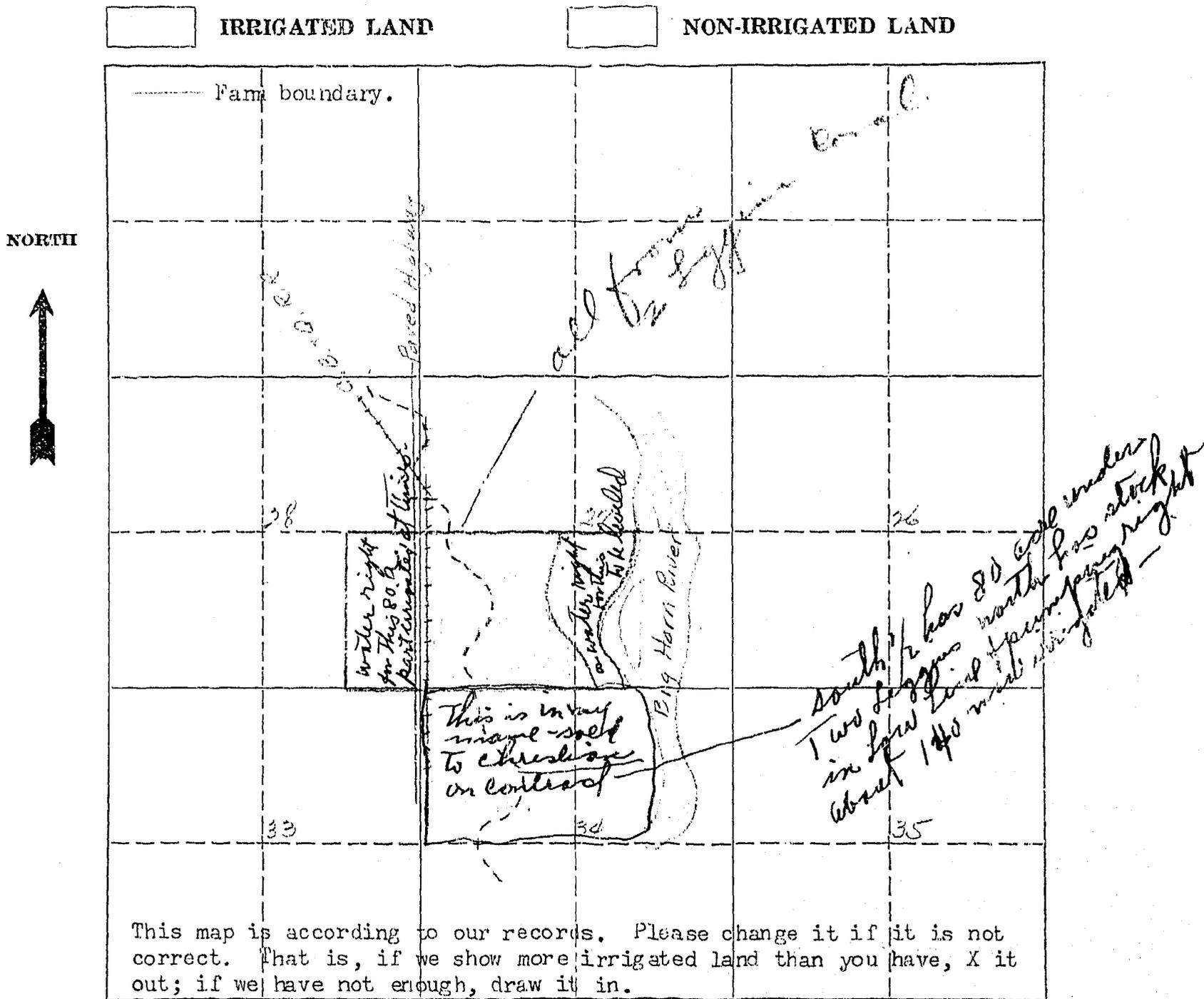
Present	Potential	Maximum	Seeped	TWP	Rge
80	200	0	100	3.35	

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm lots 7, 8, SW¹/₄, Sec. 27 - E¹/₂SW¹/₄, Sec. 28 - T. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin's water works area Acres: 120

Ditch: Pumping right under low line for 60 acres - also Acres: _____

Information supplied by: Pump as on forms 186-34A

Name: Her Brunson Address: _____ Date: 1-21-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE Two Leggins W.U.A.
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water power.
7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N.E.
8. Land Description of Intended Place of Use _____

Twp. <u>2 S</u>	Rge. <u>33 E</u>
<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. L. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____
15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On July 5, 1913, Charley T. Fujio filed for 160 miners inches of waste water, recorded in Miscellaneous Records, Book 1, Page 53, Big Horn County. (33)

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 3, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

Handwritten note: Pumping water from the Big Horn River
On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

On May 8, 1907, Fred Sage, H. J. Lucia, A. M. Boyer, C. M. Ewers and T. M. Kehoe filed for 1000 miners inches from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 16, Big Horn County. (348)

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Burton, Howard Address Wanda Mont

AAA Owner Burton, H.W. Address "

Operator Schneider, Henry Address "

New Owner Address "

New Operator Address "

Assessment Record 2784 Sec. 28 1N 33E

Assessed Acreage 0.0

Legal Description of This Farm E 1/4 Sec. 28- 1N, 33E

Total Acres in Farm 80.0

Code Number 28C

Big Horn Low Line Canal Farm Map

Photo No. 243-77

AAA Contract No. 276-B-1

AAA Total Cropland Acreage 66.2

App. No. 33-335-336-337-339-345

Decree No. _____

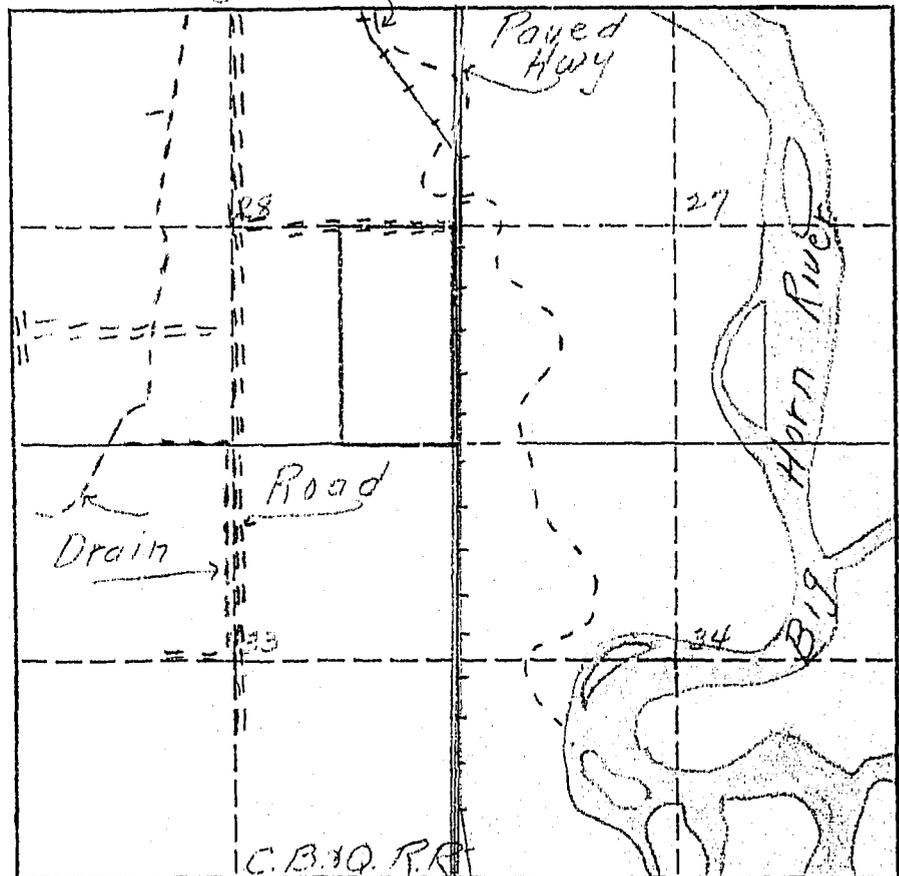
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks Send to Operator





186
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-45

Code No. 28 C
 County Big Horn
 T. 1 N R. 33 E

Name of Land Owner Bunston, Howard W. Address Hardin, Montana
 Name of Operator Kautz, Ben Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggings Water Users Assn
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system about 2000 Shares you hold 240
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date about 1908
5. Give the name of the original appropriator (first user): shown on back
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system: about 2000 acres
8. Give the point of diversion: Two Leggings Bridge -
1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 200 Date yearly
12. How many acres did you irrigate in 1945? (Crop and pasture) 2000
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 20 This land is under what ditch? same
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes..... No..... Explain shortage in river at times
17. REMARKS:.....

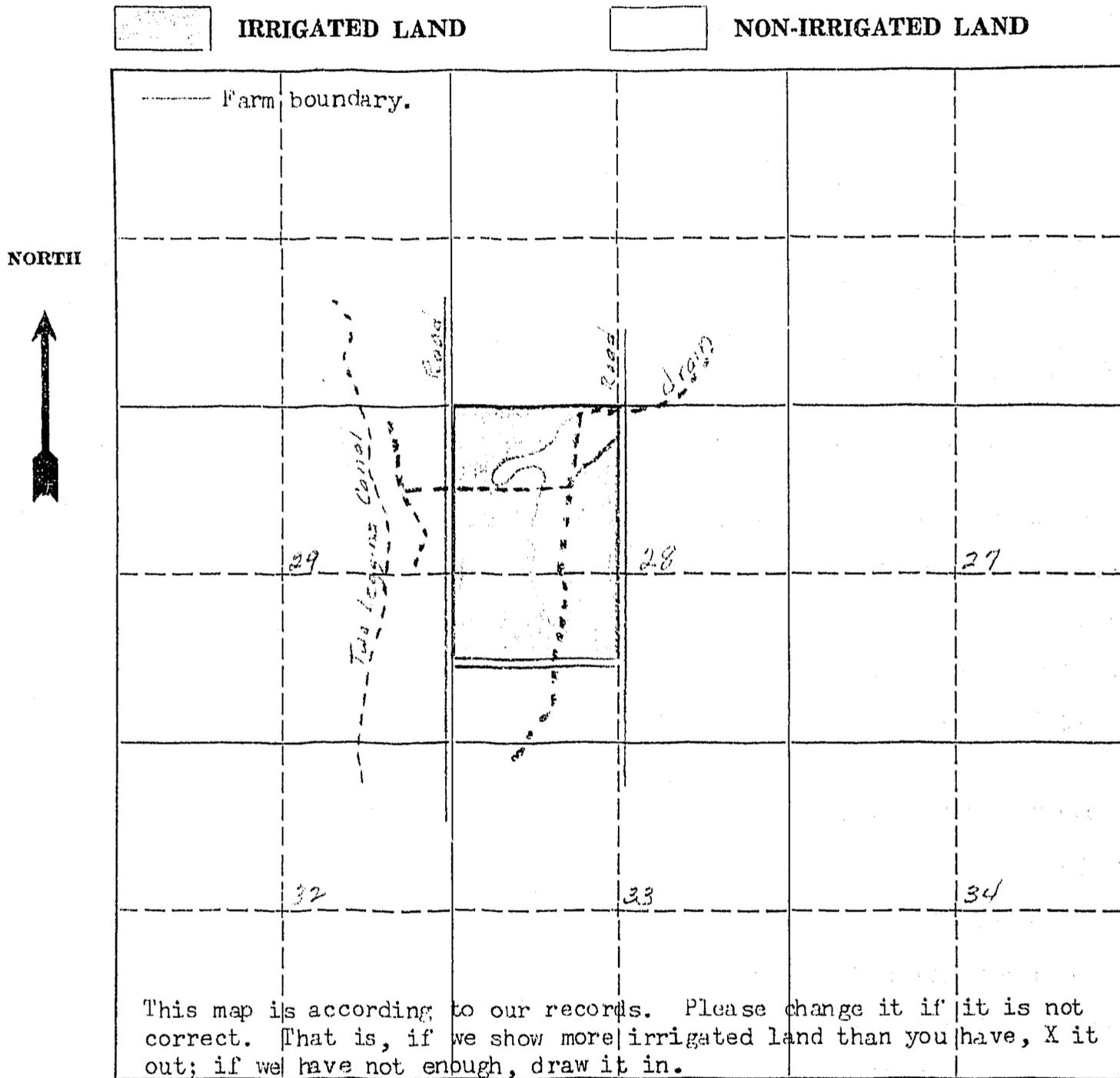
OVER

200 Acres - 30 feet 1975

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm NW $\frac{1}{4}$, Sec. 28, N $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 28 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggins Water Users Assn. Acres: 200 A.
water right

Ditch: _____ Acres: _____

Information supplied by:

Name: H. W. Bunston Address: Harden Date: 1-15-46

REMARKS: I have a water right for full 240 A - with leveling all can be watered except highways - drainage ditches etc

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE Two Leggins W.U.A.
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power.
7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N E.
8. Land Description of Intended Place of Use

Twp. <u>2 S</u>	Rge. <u>33 E</u>
<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Bunston, Howard W Address Hardin, Mont

AAA Owner " " Address " "

Operator Kautz, Ben Address Hardin, Mont

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record NW 1/4, NW 1/4, Sec. 28 - 1 No. 33 E

Assessed Acreage 85.0

Legal Description of This Farm NW 1/4, Sec. 28, 1 No. 33 E

Total Acres in Farm 160.0

Code Number 28C

Two Leggin's Canal Farm Map

Photo No. 243-77

AAA Contract No. 276C-1-a

AAA Total Cropland Acreage 121.1

App. No. 335-336-337-339-345

Decree No. _____

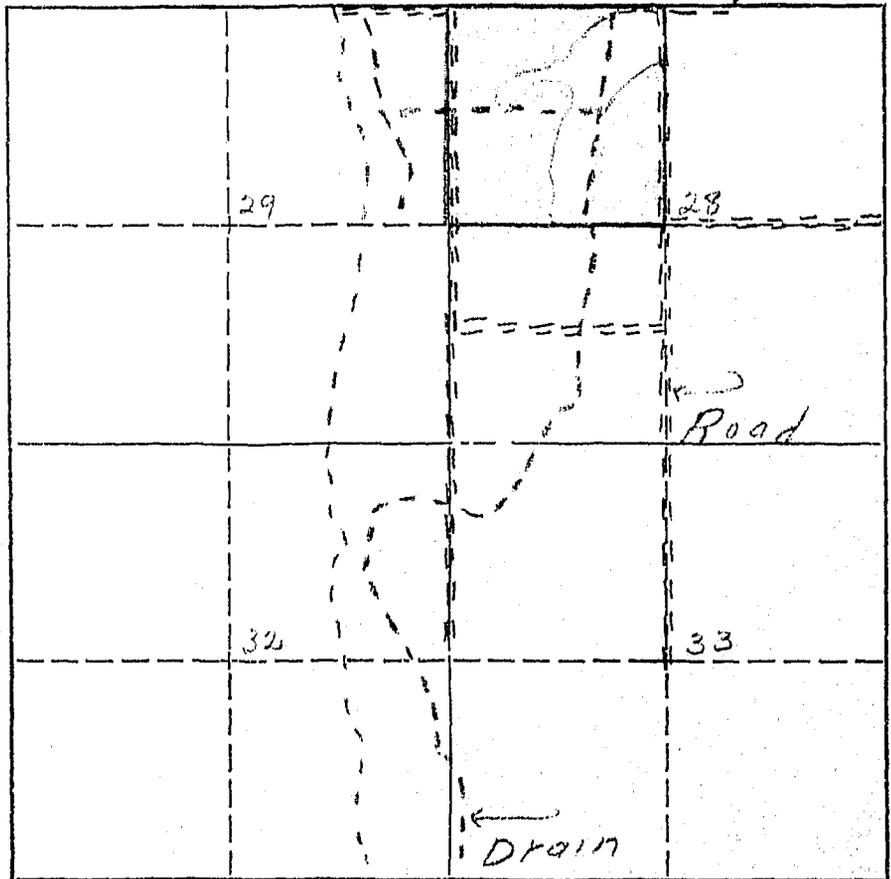
Land is located in

Twp. 11N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks Send to Operator



STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Six Horn

FILE NO. 186

Owner Bunston, Howard W. Address Hardin, Mont

AAA Owner " Address "

Operator Kautz, Ben Address Hardin, Mont

New Owner " Address "

New Operator " Address "

Assessment Record NW⁴, N²SW⁴, Sec. 28 - 1N 33E

Assessed Acreage 85.0

Legal Description of This Farm N²SW⁴, Sec. 28 1N, 33E

Total Acres in Farm 80

Code Number 28C

Photo No. 243-77

AAA Contract No. 276C-2-a

AAA Total Cropland Acreage 70.5

App. No. 335-336-337-339 245

Decree No. "

Land is located in

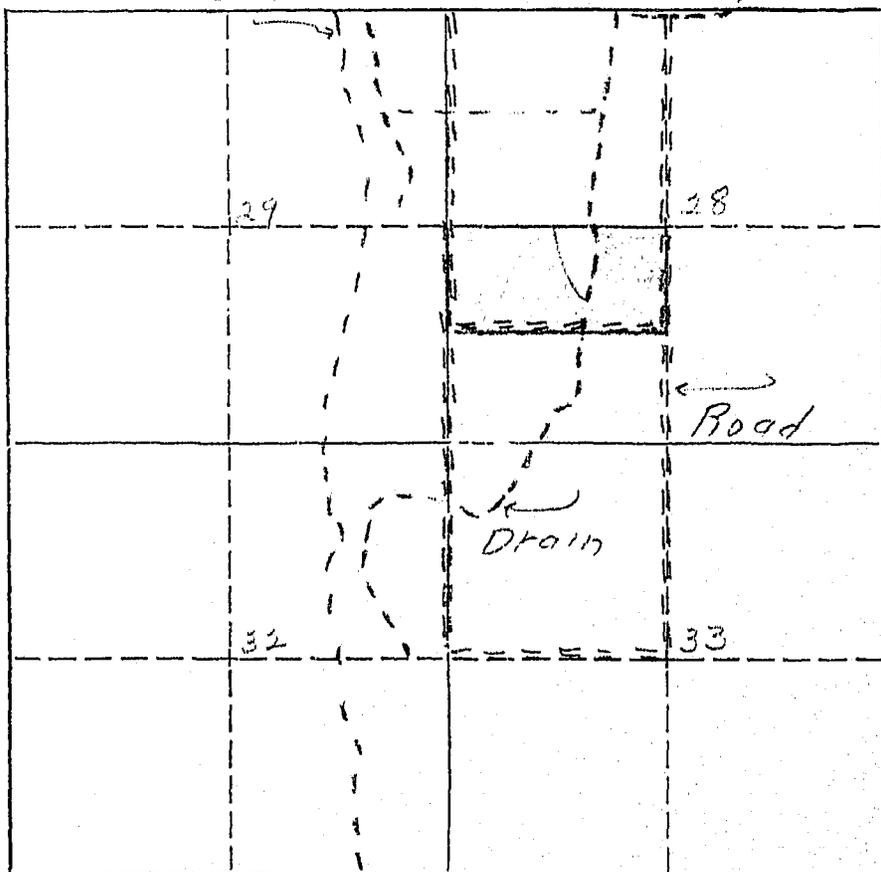
Twp. 1N Rge. 33E Twp. " Rge. "

Twp. " Rge. " Twp. " Rge. "

Filed in Twp. " Rge. "

Remarks "

Two Leggins
Canal Farm Map





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 28 C, 22 A, 21 D,

County Big Horn

T. 1 N. R. 33 E.

Name of Land Owner Howard W. Bunston Address Hardin, Montana

Name of Operator Howard W. Bunston Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Low line on all but about 30 acres that by T.L.W.
2. State the number of acres you irrigate under this system. only about 10 acres but few years but will
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date 1917
5. Give the name of the original appropriator (first user): shown back
6. Give the date appropriated 1907 Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn
10. Water is obtained by: (Check one) Gravity Other
11. What is the greatest number of acres you have irrigated? 100 Date back of 38
12. How many acres did you irrigate in 1945? (Crop and pasture) 0
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 100 This land is under what ditch? T Line
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? yes
16. Is your water supply adequate? Yes No Explain river low some years

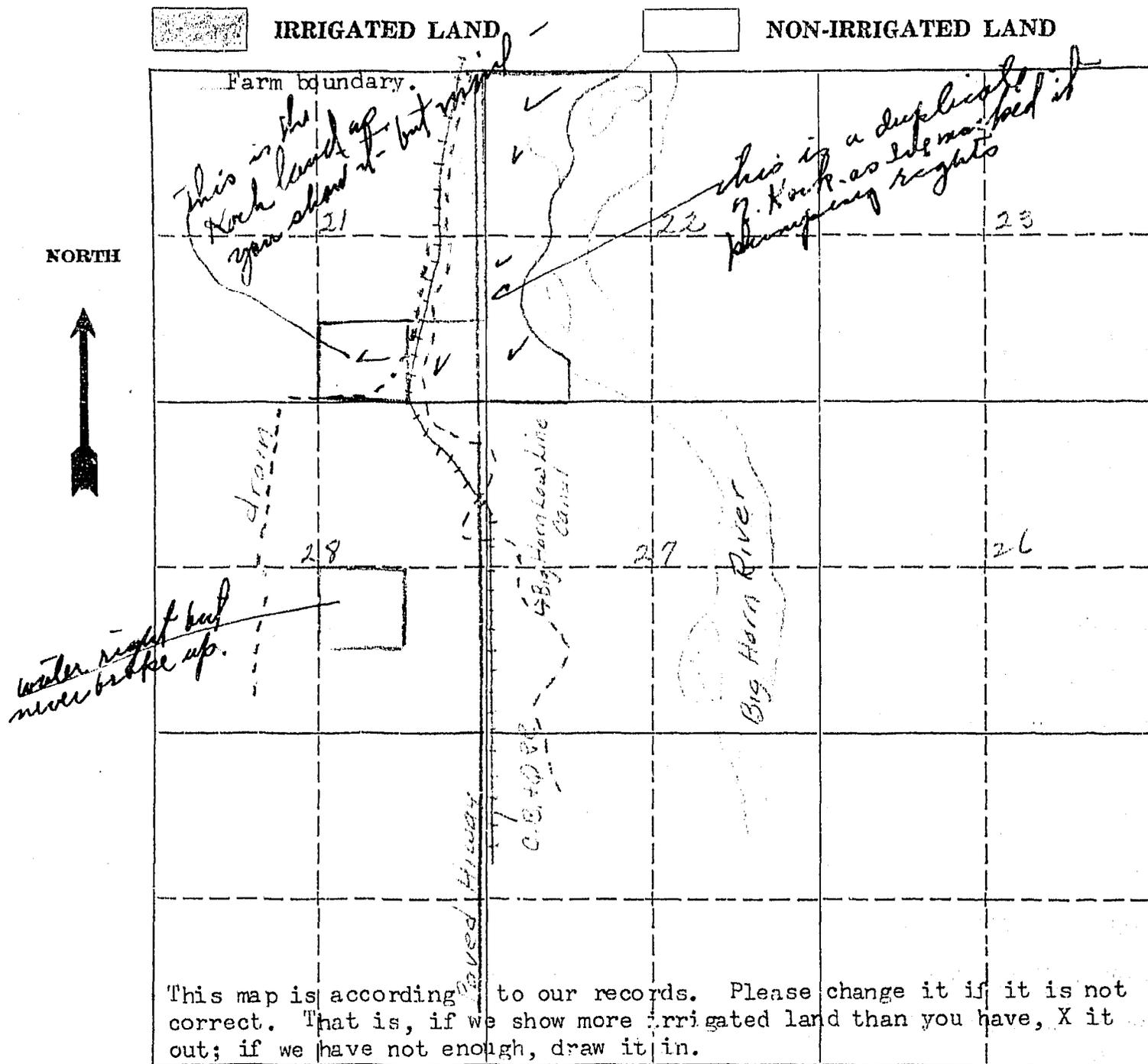
Table with 7 columns: Ditch or Source, Shares, Present, Potential, Maximum, Seeped, Twp. Rge. Rows include Big Horn and Twp. 1 & 2.

OVER

NOTE: The following questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm. NWSE $\frac{1}{4}$, Sec. 28 - NWNW $\frac{1}{4}$, lots 2 & 3, Sec. 22 - lot 6, SWSW $\frac{1}{4}$,
 Sec. 22 - SESE $\frac{1}{4}$, Sec. 21 - Twp. 1 N., Rge. 33 E.



This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Low Line pumping rights Acres: 0
 Ditch: _____ Acres: _____

Information supplied by:

Name: H.W. Bernstein Address: _____ Date: 1-21-16

REMARKS: portions of this land up to in 21-22 have been irrigated up to 80 acres at various times.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Burton Howard W. Address Madison, Mont.

AAA Owner " " Address " "

Operator " " Address " "

New Owner Address

New Operator Address

Assessment Record NW 33rd, Sec. 28 - 1N 33E

Assessed Acreage 15.0

Legal Description of This Farm NW 33rd, Sec. 28 - 1N 33E

Total Acres in Farm 40

Code Number 28C

Photo No. 243-77

AAA Contract No. 276 B-2

AAA Total Cropland Acreage 3

App. No. 335-336-337-338-345

Decree No.

Land is located in

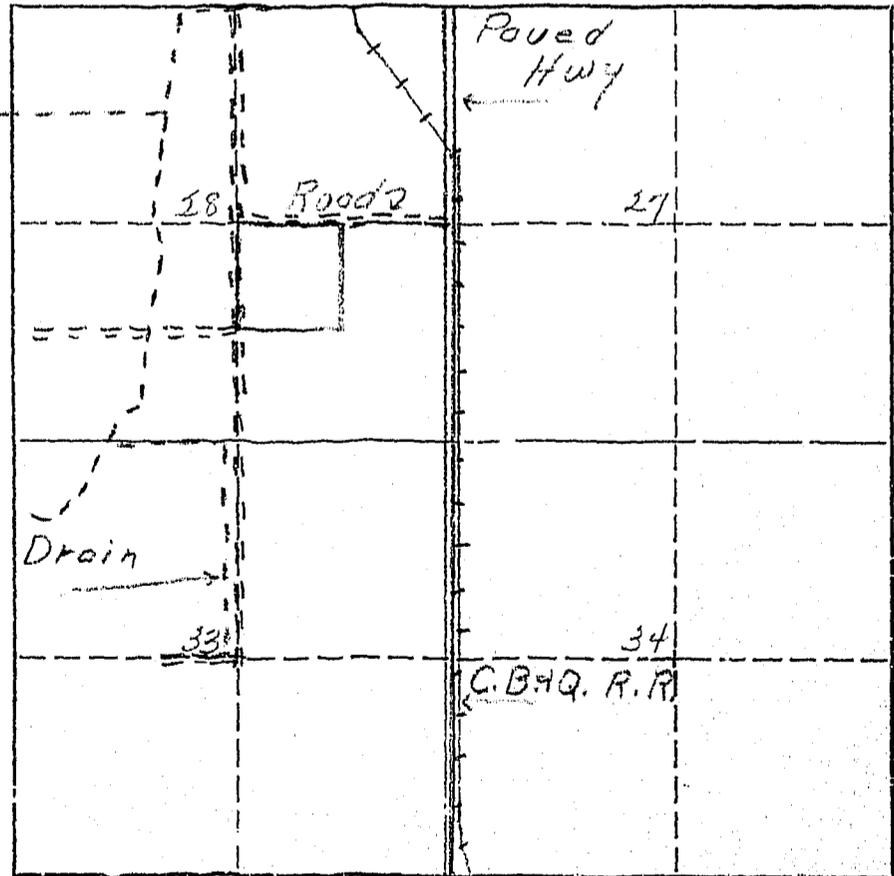
Twp. 1N Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E

Remarks

Farm Map



According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Blaine

FILE NO. 186

Owner Bunton, James S. W. Address Hardin, Mont.

AAA Owner " " " " Address " "

Operator " " " " Address " "

New Owner " " " " Address " "

New Operator " " " " Address " "

Assessment Record WV-1000 lots 2+3 Sec. 21-1N-33E

Assessed Acreage 0.0

Legal Description of This Farm WV-1000 lots 2+3 Sec. 21-1N-33E

Total Acres in Farm 80.0

Code Number 22A

Photo No. 243-78

AAA Contract No. 1232

AAA Total Cropland Acreage 18

App. No. 337-339-345

Decree No. _____

Land is located in

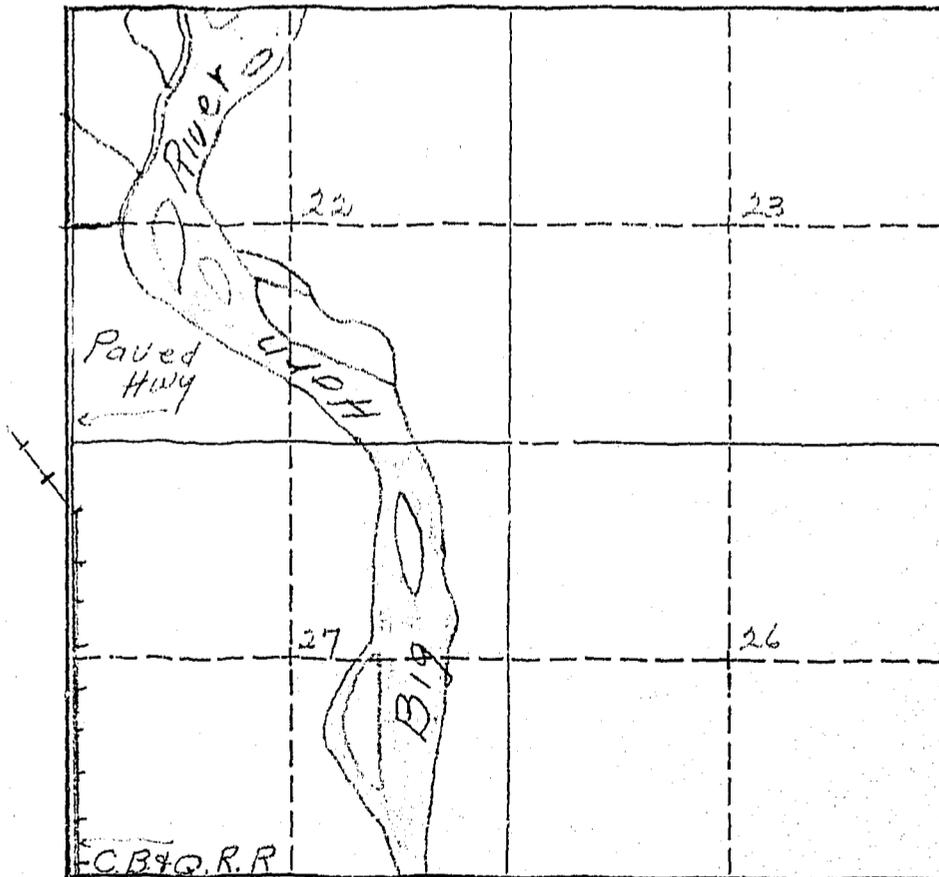
Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks _____

Farm Map



STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Burton, Fred Address Big Horn, Mont

AAA Owner Burton, Fred Address Big Horn, Mont

Operator " " Address " "

New Owner Address

New Operator Address

Assessment Record S²SE⁴, Sec. 21 - 1076 - SWSW⁴, Sec. 22 - 1 No. 33E

Assessed Acreage 65.0

Legal Description of This Farm SE SE⁴ Sec. 21, 1076 - SWSW⁴, Sec. 22, 1 No. 33E.

Total Acres in Farm 120.0

Code Number 21D-22A

Photo No. 243-78

AAA Contract No. 21116-

AAA Total Cropland Acreage 73.0

App. No. 335-336, 337, 338, 345

Decree No.

Land is located in

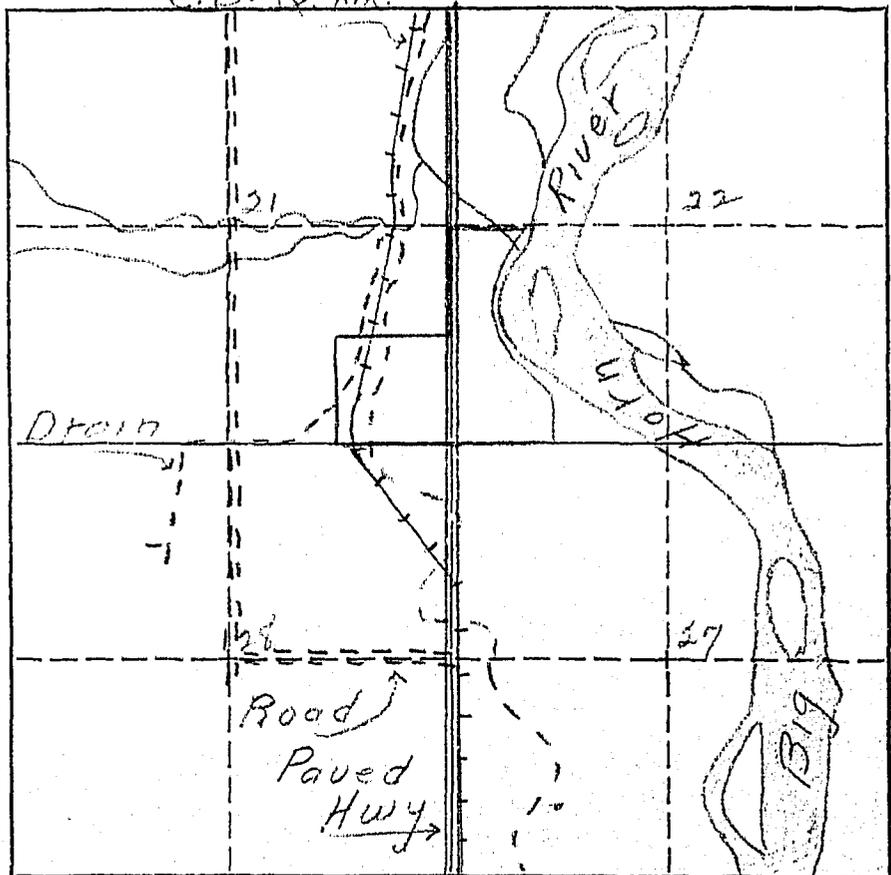
Twp. 1N6 Rge. 2E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. Rge.

Remarks

Farm Map



Big Horn Low Line Canal

January 12, 1946

Howard W. Bunston
Hardin, Montana

Dear Mr. Bunston:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Howard W. Bunston

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. If you do not own all of the land that is shown we feel that you are better qualified to answer the questions than the new owners.

We hope that your health is steadily improving.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Legal W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion _____

Head-gate in S E 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water-power.

7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.

Canal 53 ft. bottom, 51 ft. top, 6 ft. deep. Run N E.

8. Land Description of Intended Place of Use

Twp	2 S	Rge.	33 E
	1 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	3 N		34 E

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.

et al- R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

700

15-6

FORM S141

A STUDY OF MONTANA'S WATER RESOURCES

County Big Horn Code No. _____

1. Water User D. A. Kemp Address Hardin

2. Stream Big Horn Spring Ditch Tributary _____

3. Point of Diversion 1/4 Section _____ Township _____ Range _____

4. Description of System Big Horn Spring Ditch

5. Original Appropriator E. W. Blawie Address Yellowstone Co Date 6/11/1909

6. First Use: Date 1912 No. Acres Irrigated 11. or 18 acres

Other Use _____ Date _____

7. Maximum Use: Date around 1917 No. Acres Irrigated 160 acres (land)

Other Use _____ Date _____

8. Present Use and Condition of System 145 acres (about) Big Horn out of course

1940 Crops	No. Acres
a <u>Sugar Beets</u>	<u>32</u>
b <u>Barley</u>	} <u>11 or 20 acres</u>
c <u>Rye</u>	
d <u>Alfalfa</u>	
e <u>Wheat</u>	<u>11</u>
f _____	_____
TOTAL	<u>57 or 73</u>

Other Use (1940) Rest of year used for other purposes

9. Potential Irrigable Lands Under this System 145 acres

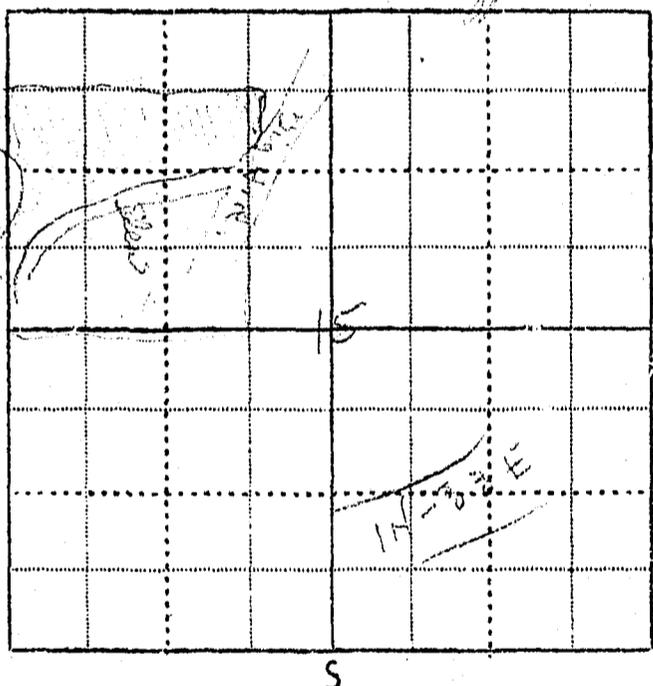
could be irrigated with ditch or pumps

10. Remarks _____

11. The above statements are true and accurate to the best of my knowledge and belief: D. A. Kemp

WITNESS J. E. Ober

Hardin (Signed) Nov 26, 40
(Place) (Date)



22A

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1237 County Highway Twp. North Rng. 33 East

Name of Owner Anderson, M. Address Hardin Mont.

Name of Operator John Aron Address _____

Total Number of Acres in Farm 115.98 Number of Acres Irrigated in 1940 0

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description lots 2, 3 NW 1/4 22-17-33 E

LC 53

Location

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

2760
2800
2900
3000

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 276 County Big Horn Twp. North Rng. 3 East

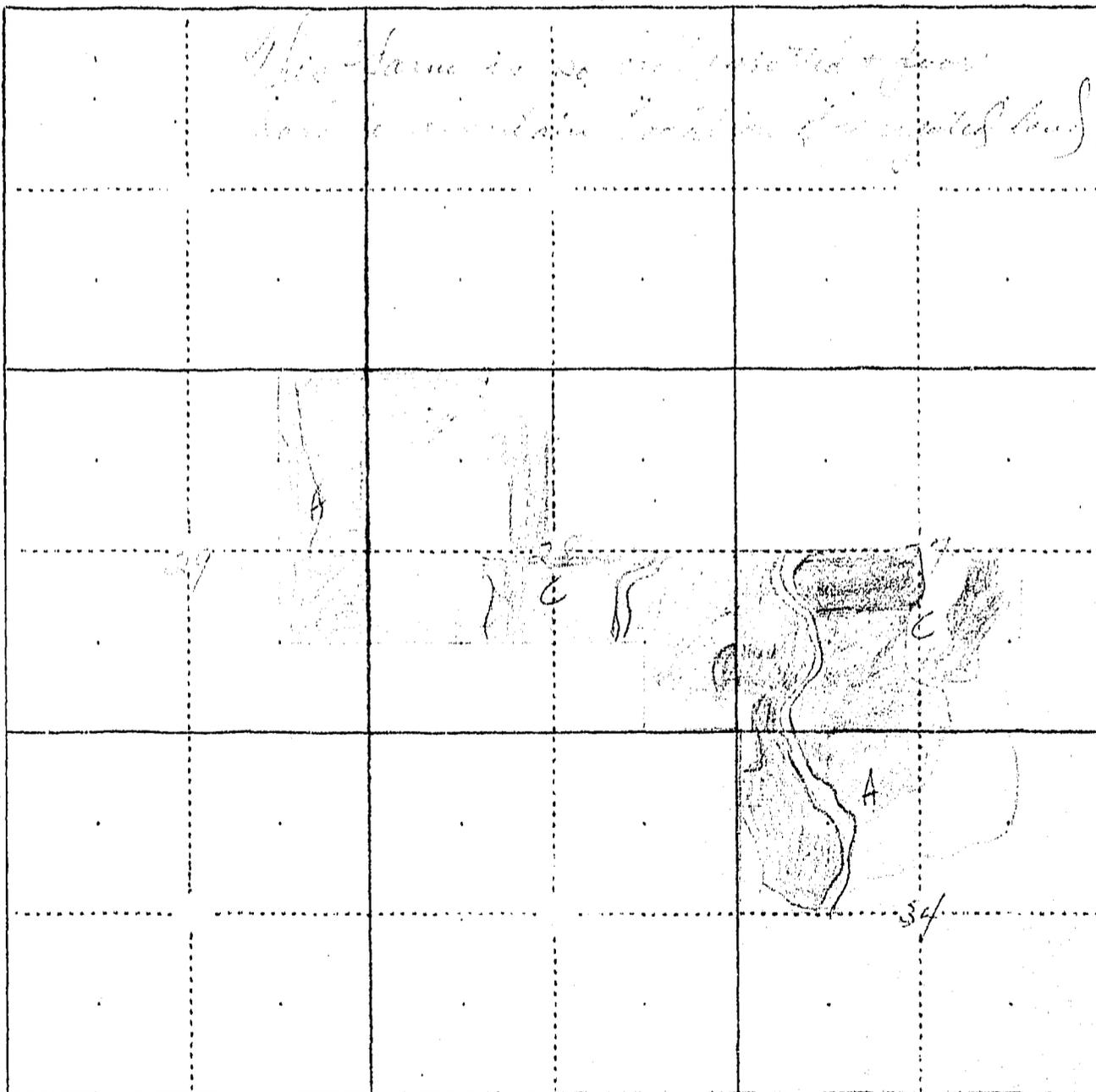
Name of Owner Winston A. H. Address Hardin, Mont.

Name of Operator Winston A. H. Address _____

Total Number of Acres in Farm 960.73 Number of Acres Irrigated in 1940 679

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lots 7, 8, SW¹/₄ 27, NW¹/₄ N²SW¹/₄ NW¹/₄ SE¹/₄ E²SE¹/₄ 28
E²NE¹/₄ NE¹/₄ SE¹/₄ 29, Lots 2, 3, 4, N²NW¹/₄ SW¹/₄ NW¹/₄ 34 - 1N-33E



LC	171	(27)
	250	(28)
	72	(29)
	138	(34)
	721	

138
150
155
160

App # 346 - 362

21-D
22-C

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. _____ County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Big Horn County 70 H.W. Burston Address Hardin Mont

Name of Operator _____ Address _____

Total Number of Acres in Farm 159.28 Number of Acres Irrigated in 1940 _____

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S²SE⁴ 21 Lot 6 SW⁴SW⁴ 22-1N-33E

40% in program, about 70 acres under ditch has been farmed.

			21		22

See A-1
Sage

LC (21) 16
(22) 15

[Faint handwritten notes]



186
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

m WR-1 M S

Code No. 15 D
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Bunston, Howard W. Address Hardin, Montana
 Name of Operator Peterson, Lloyd Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: *Big Horn Low Line Ditch Co*
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system *140* Shares you hold *740*
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date *1910*
5. Give the name of the original appropriator (first user): *shown on back*
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system: *140*
8. Give the point of diversion:..... $\frac{1}{4}$ $\frac{1}{4}$ Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: *Big Horn River*
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? *140* Date.....
12. How many acres did you irrigate in 19*45*? (Crop and pasture) *115*
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. *25* This land is under what ditch? *some wood land could be cleared*
14. How many acres of seeped land do you have which could be drained and put into production? *some*
15. What is the condition of your irrigation system? *yes*
16. Is your water supply adequate? Yes No..... Explain *no - same as on others*
17. REMARKS:.....

OVER

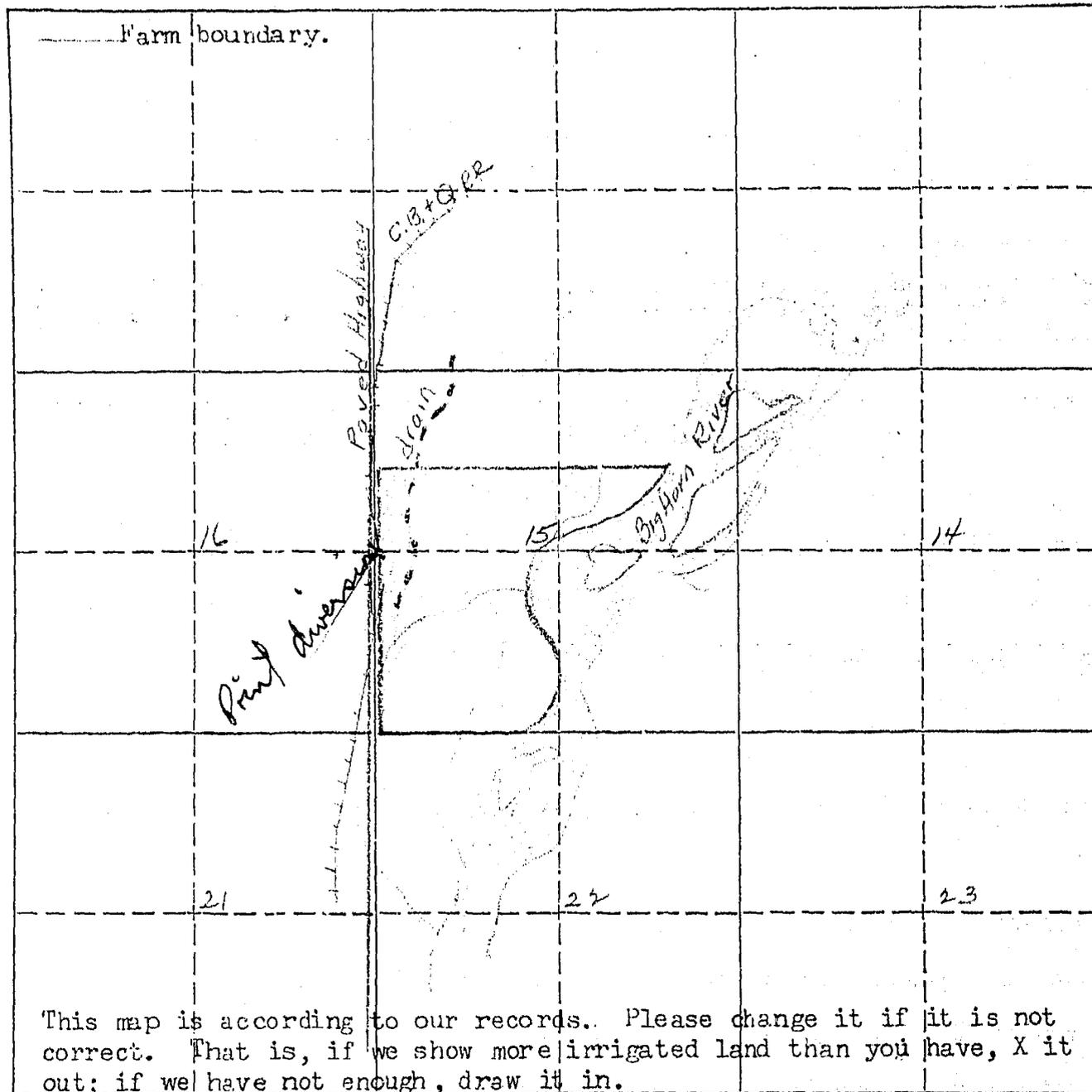
NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm S1NW1, W1SW1, lots 2, 5, 6, Sec. 15 - Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Horn Low Line Acres: 115

Ditch: _____ Acres: _____

Information supplied by:

Name A.H. Benton Jr Address _____ Date _____

REMARKS: check

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. B. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

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On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 186

Owner Burston, Howard Address _____

AAA Owner Burston, H.W. Address Hardin, Mont

Operator Petersen, Elva Address Hardin, Mont

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record S¹ NW⁴, W² SW⁴ lots 2-5-6 - Sec. 15 - 1N 33 E.

Assessed Acreage 115.0

Legal Description of This Farm S¹ NW⁴, W² SW⁴ lots 2, 5, 6 Sec. 15 1N 33 E.

Total Acres in Farm 286

Code Number 15D

Photo No. 243-79

AAA Contract No. 358

AAA Total Cropland Acreage 98.6

App. No. 335-336-337-339-345

Decree No. _____

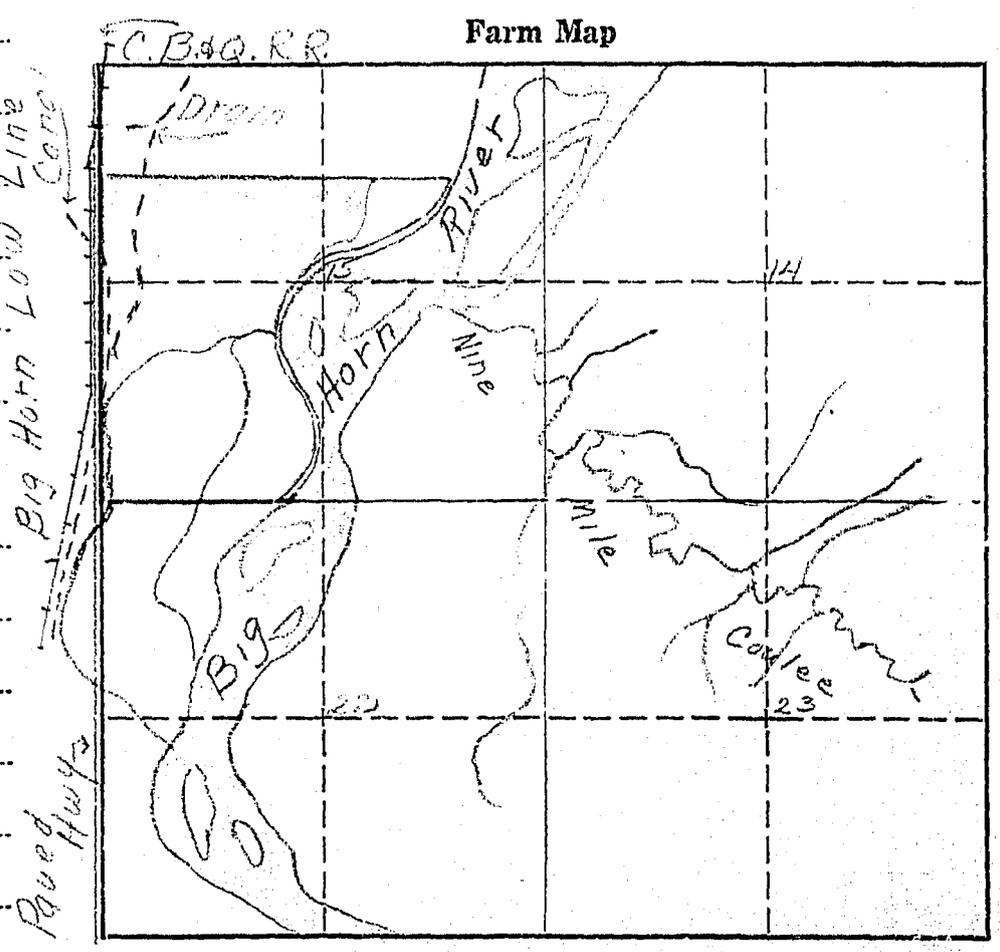
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks Send to Operator





179
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

WR-1-10M 8-45

Code No. 9 D, 10 C
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Clump, Thomas D. Address Hardin, Montana
 Name of Operator Clump, Thomas D. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggins Canal & Big Horn Low Line Canal.
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 180 Shares you hold Two Leggins - 140
Big Horn L.L. - 93
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system: 180
8. Give the point of diversion: W 1/2 SW 1/4 Section 9 Township 1-N Range 33-E

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 180 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 180
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. none This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production? 25
15. What is the condition of your irrigation system? Fair
16. Is your water supply adequate? Yes No..... Explain.....
17. REMARKS: Ditch or Source Shares Present Potential Max. Min. Seeped Imp. Exp.

Ditch or Source	Shares	Present	Potential	Max. Min.	Seeped	Imp. Exp.
<u>Two Leggins Canal</u>	<u>140</u>	<u>130</u>	<u>25</u>	<u>15.5</u>	<u>2.5</u>	<u>1 No. 33E</u>
<u>Big Horn Low Line</u>	<u>93</u>	<u>50</u>	<u>0</u>	<u>50</u>	<u>0</u>	<u>1 No. 33E</u>

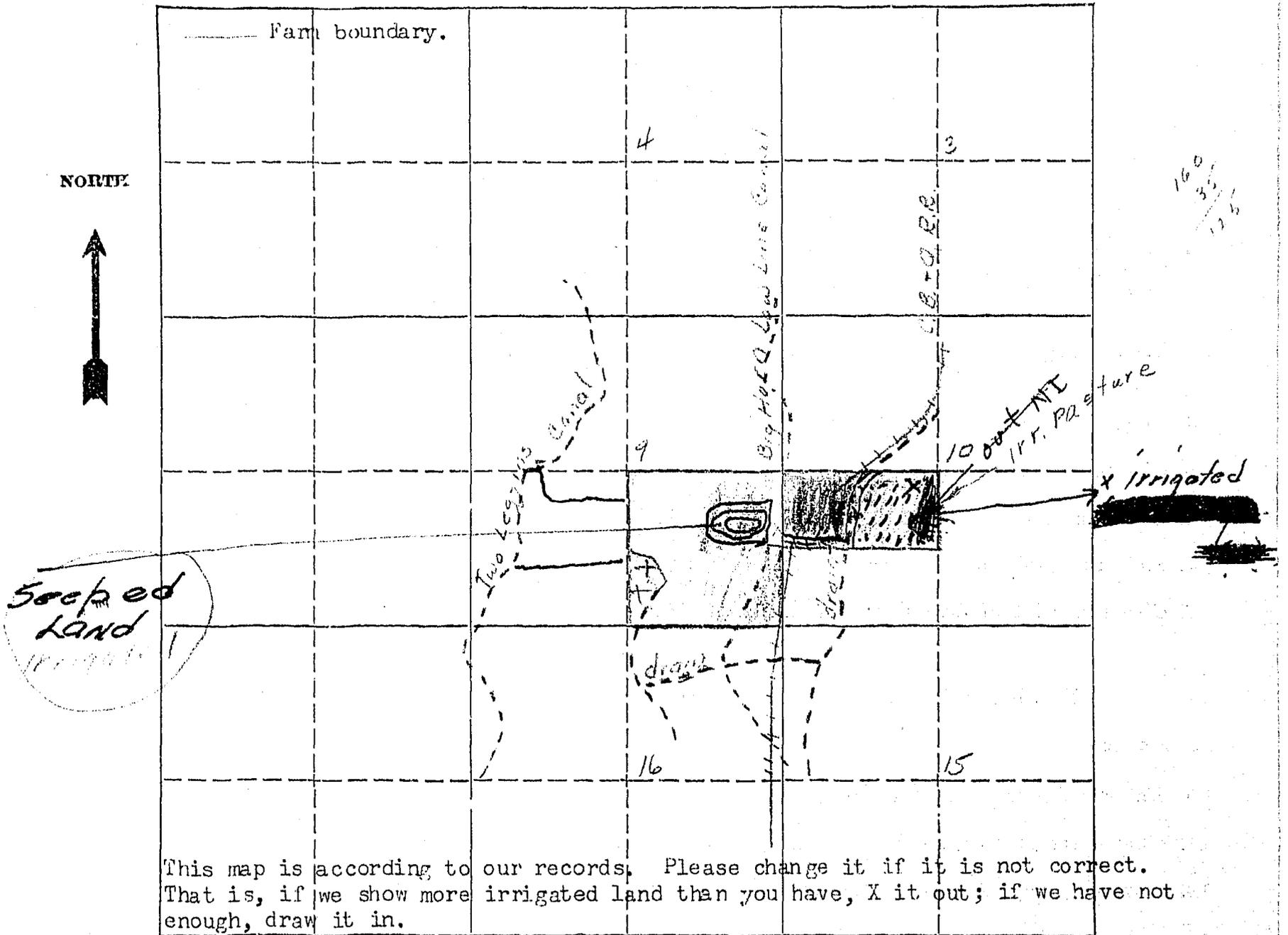
OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm..... N¹/₂SW¹/₄, Sec. 9 - N¹/₂SW¹/₄, Sec. 10 - S¹/₂SW¹/₄, Sec. 9 - T. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: 2 - Leggin Canal Acres: 130

Ditch: Big Horn Lawline Canal Acres: 50

Information supplied by:

Name: Sho. Stump Address: Hardin Trust Date: 2/18/46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

January 12, 1946

Thomas D. Clump
Hardin, Montana

Dear Mr. Clump:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigational interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Thomas D. Clump

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 390 County Big Horn Twp. North Rng. 33 East

Name of Owner Clump, Thomas D Address Hardin Mont.

Name of Operator Same Address _____

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 133 2 Leggin 66
B#LL 17

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description N²SE⁴ 9 N²SW⁴ 10-1N-33E

			9	10	

LC 80 (9)
80 (10)

Two Leggin
Low Line

February 15, 1946

Thomas D. Clump
Hardin, Montana

Dear Mr. Clump:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S. 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power.
7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top, 6 ft. deep. Runs N E.
8. Land Description of Intended Place of Use

Twp. <u>2 S</u>	Rge. <u>33 E</u>
<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al- R.E. Shepherd, C.M. Pair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____
15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn river, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn river, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn river, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn river, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn river, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 179

Owner Clump, Thomas D Address Grand Point

AAA Owner " " " Address " "

Operator " " " Address " "

New Owner Address

New Operator Address

Assessment Record SE⁴ Sec. 9 N⁴SW⁴ Sec. 10 - 1N 33E

Assessed Acreage 238.0

Legal Description of This Farm N⁴SE⁴ Sec. 9 N⁴SW⁴ Sec. 10 - 1N 33E

Total Acres in Farm 160.0

Code Number 9 D - 10 C -

Big Horn
Low Line

Farm Map

Photo No. 243-80

AAA Contract No. 399

AAA Total Cropland Acreage 134.7

App. No. 335-336-337-339-345

Decree No.

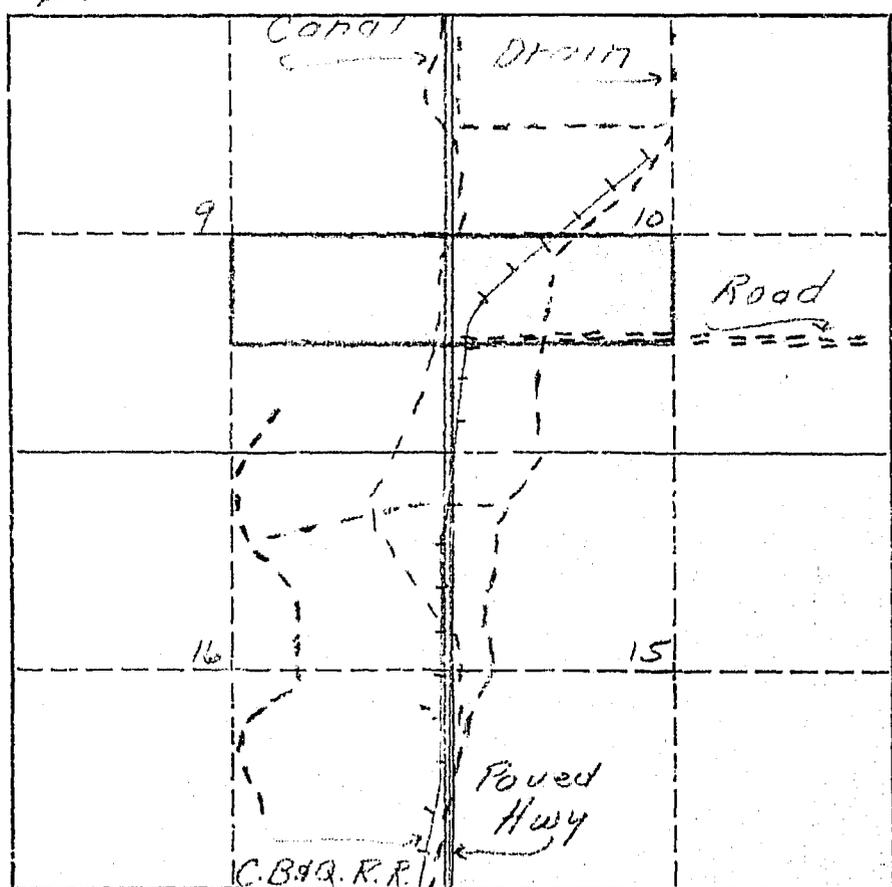
Land is located in

Twp. 1N Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E

Remarks



16	200
134.7	
238.7	

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Butter

FILE NO. 179

Owner Clump, Thomas D Address Hardin, Mont

AAA Owner " " " Address

Operator " " " Address Hardin, Mont

New Owner Address

New Operator Address

Assessment Record SE 1/4 Sec 9, N 33 E, R 10 1 N 33 E

Assessed Acreage 236.0

Legal Description of This Farm S 1/4 Sec 9, N 33 E

Total Acres in Farm 90

Code Number 9D

Big Horn
low line

Farm Map

Photo No

AAA Contract No. 394 B

AAA Total Cropland Acreage 76

App. No. 337-336-337-339-345

Decree No.

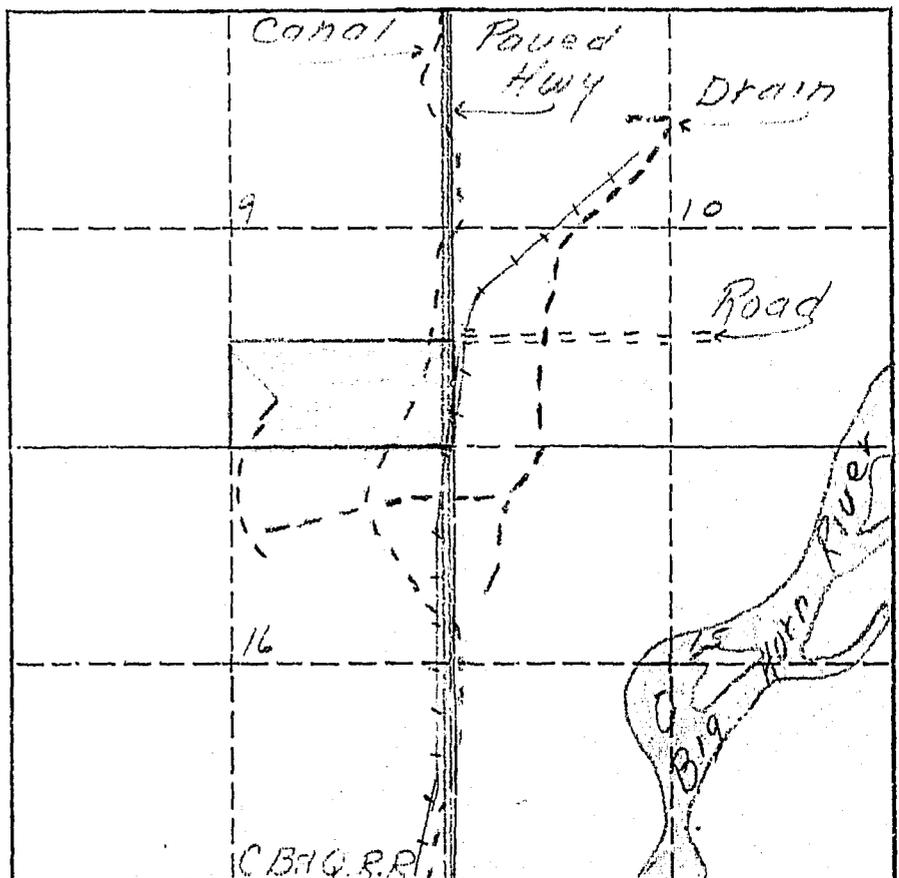
Land is located in

Twp. 1 N Rge. 33 E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. Rge.

Remarks





191
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M '8-45

Code No. 19. A, 20. A, 29 B
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Corkins, C. A. Address Hardin, Montana
 Name of Operator Kern, Jacob Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggins Canal Two Leggins Water Users Assoc
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 166 Shares you hold 166
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date No. Private
5. Give the name of the original appropriator (first user): _____
6. Give the date appropriated _____ Amount filed on: Miners Inches _____ C. F. S. _____
7. State the total number of acres irrigated under this system: _____
8. Give the point of diversion: 1/4 Section _____ Township _____ Range _____

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping _____ Other _____
11. What is the greatest number of acres you have irrigated? 166 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 166
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10 This land is under what ditch? Two Leggins (pumping)
14. How many acres of seeped land do you have which could be drained and put into production? 5
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes No _____ Explain _____
17. REMARKS: The 5 acres are in no production now

OVER

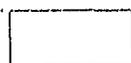
NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SWNE¹/₄, W¹/₂SE¹/₄, Sec. 20; W¹/₂NE¹/₄, Sec. 29; S¹/₂NE¹/₄, Sec. 19;
S¹/₂NW¹/₄, NE¹/₂NE¹/₄, NNNE¹/₄, E¹/₂SE¹/₄, Sec. 20 - Twp. 1 N., Rge. 33 E.

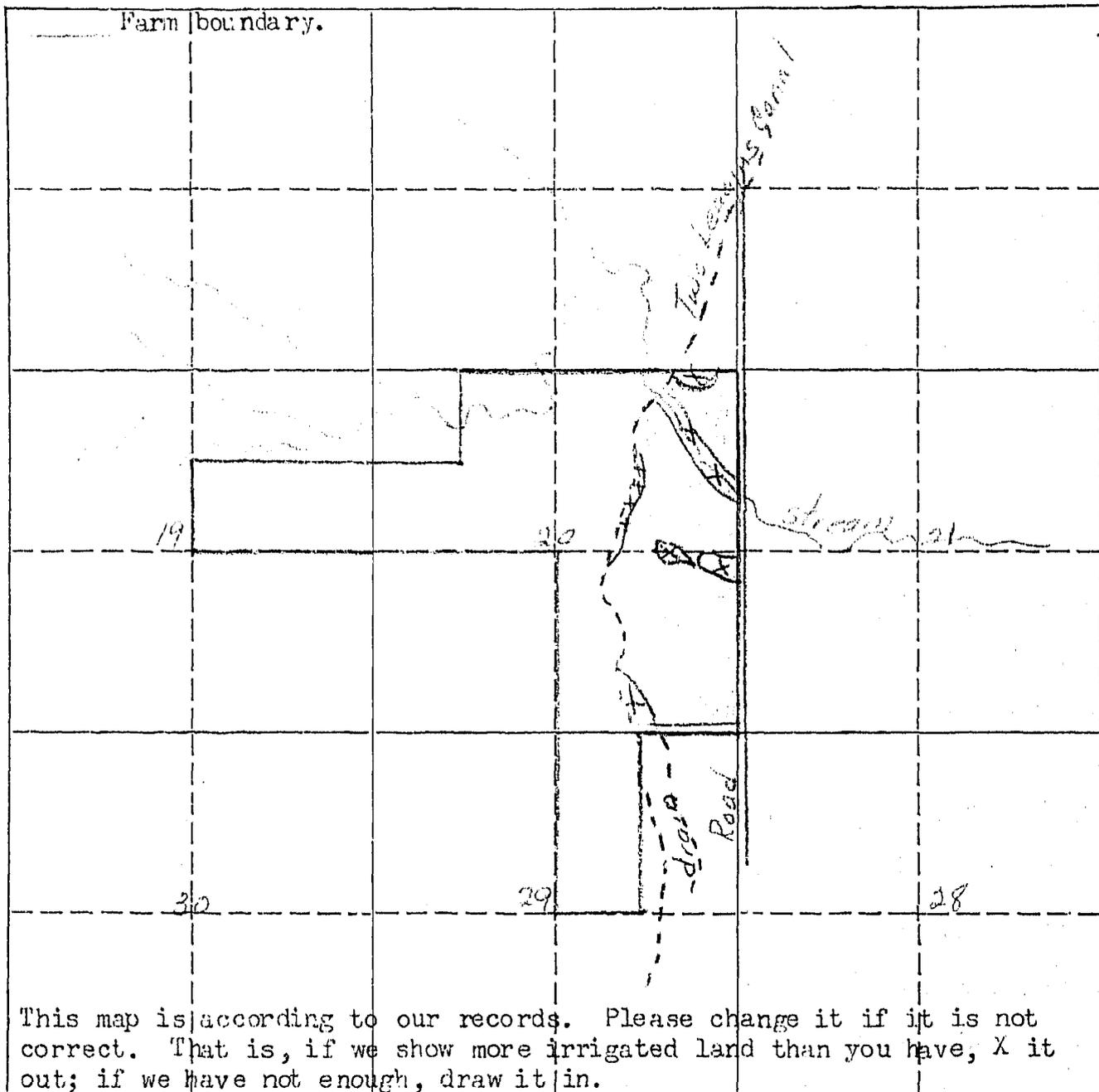


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin's Acres: 16.6

Ditch: _____ Acres: _____

Information supplied by:

Name Charles A. Perkins Address _____ Date 2-7-46

REMARKS: Advised by M. E. B.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

January 12, 1946

Mr. C. A. Corkins
Hardin, Montana

Dear Mr. Corkins:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. C. A. Corkins

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJC:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations: (Twp.. 1 N., Rge. 33 E.)

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

On March 27, 1908, Chas. A. Corkins filed for 1 Cubic Foot per second from Trux Coulee, recorded in Miscellaneous Records, Book A, Page 33, Big Horn County. (350)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Barren

FILE NO. 191

Owner Quincy C. H. Address Hardin Dist.

AAA Owner _____ Address _____

Operator Kenn Jacob Address Hardin Dist.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record 1/4 E, 2 NW, SW 1/4, 23, S. 20 - 1 N. 33 E

Assessed Acreage 166.0

Legal Description of This Farm S. 1/4 Sec. 19 - S. 1/4 NW 1/4, NW 1/4 E 1/4 Sec. 20

1 N. 33 E

Total Acres in Farm 400.0

Code Number 19A-20A

Farm Map Two Leggin
Canals

Photo No. 344-24

AAA Contract No. 327

AAA Total Cropland Acreage 227.7

App. No. 335-336 337-339 345-350

Decree No. _____

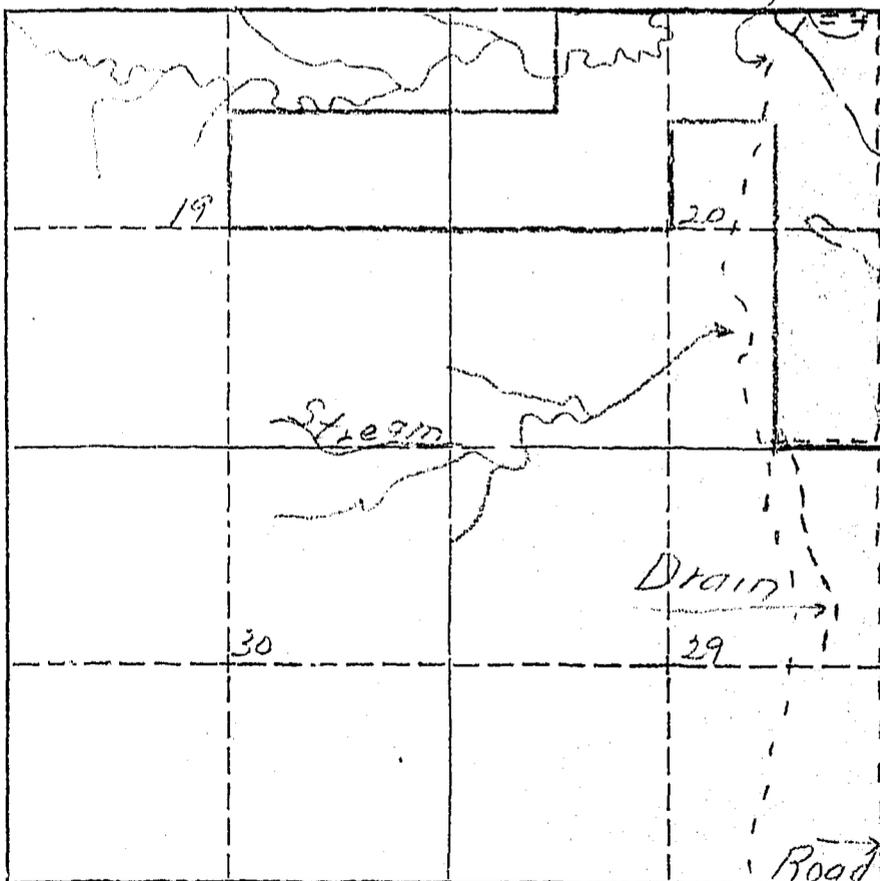
Land is located in

Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks _____



STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 191

Owner Carter, J.A. Address Hardin Mont.

AAA Owner " " Address

Operator Horn, Jacob Address Hardin Mont.

New Owner Address

New Operator Address

Assessment Record W^{1/2}E^{1/2}N^{1/2}, SW^{1/4}E^{1/2}, Sec. 20 - 1N 33E

Assessed Acreage 166.0

Legal Description of This Farm S^{1/2}SE^{1/4}W^{1/2}SE^{1/4}, Sec. 20 - W^{1/2}NE^{1/4}, Sec. 29 - 1N, 33E

Total Acres in Farm 200.0

Code Number 20A 29B

Two Leggins Canal Farm Map

Photo No. 214-24, 25, 26,

AAA Contract No. 5095

AAA Total Cropland Acreage 111.9

App. No. 335-336-347-348-349

Decree No.

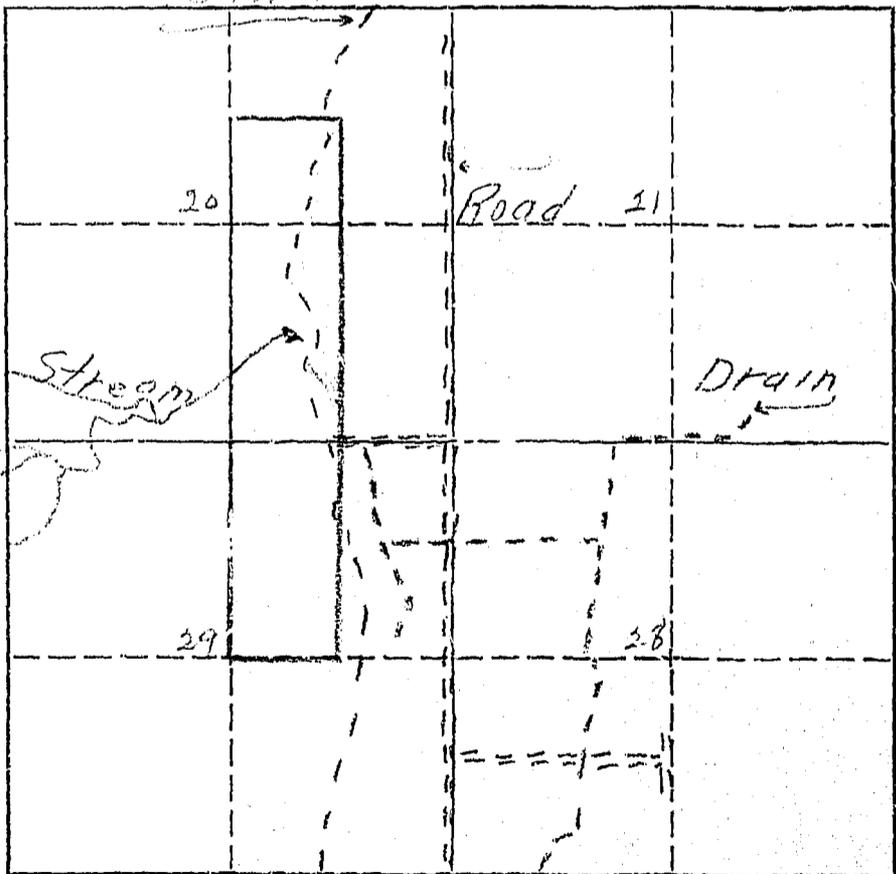
Land is located in

Twp. 1N Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E

Remarks



STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches....., Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary..... Basin.....

5. Point of Diversion.....

Head-gate in S E 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream.....

6. Purpose Irrigation, domestic and water-power.

7. Description of System Concrete head-gate with 5 gates 6 ft.wide, 6 ft.deep.

Canal 33 ft.bottom, 51 ft.top, 6 ft.deep. Runs N E.

8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E

<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.

et al= R.E. Shepherd, C.M. Bair and J.R. Edwards.

Decree

10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....

11. To Whom Decreed..... Address.....

12. Name of Ditch..... Maximum Capacity (C. F. S.).....

13. Date of Priority..... Purpose.....

14. Land Description of Place of Use as Decreed.....

15. Remarks (Present Use Status, etc.).....

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1242 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Eyers, C.P. Address Shepherd, Wyo

Name of Operator Wind, Monte Address Hardin, Mont.

Total Number of Acres in Farm 162.45 Number of Acres Irrigated in 1940 56

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lot 7, sec 28, lots 23, NW 1/4 27, NE 1/4 28 - 1N-33E

Sec A-1
589
LC 7 22
64 27
29 28

213
214

Map 248

FORM SM-1

A STUDY OF MONTANA'S WATER RESOURCES

27-8
28-A

County Big Horn Code No. _____

1. Water User W. M. Williams Address Shawnee, Wyo. (231 E. College)

2. Stream Big Horn River Tributary _____

3. Point of Diversion 1/4 Section _____ Township _____ Range _____

4. Description of System _____

5. Original Appropriator _____ Address _____ Date _____

6. First Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

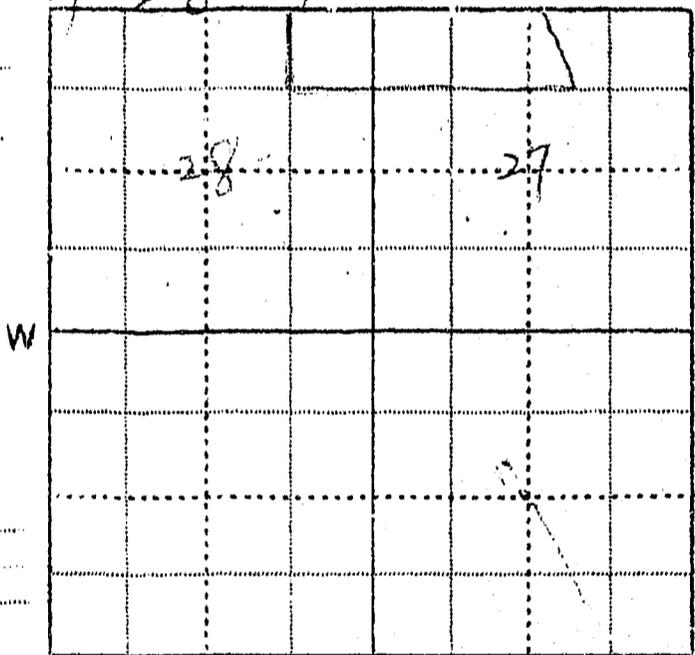
7. Maximum Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

8. Present Use and Condition of System _____

27-8-1N-33E

1940 Crops	No. Acres
a. _____	_____
b. _____	_____
c. _____	_____
d. _____	_____
e. _____	_____
f. _____	_____
TOTAL	_____



Other Use (1940) _____

9. Potential Irrigable Lands Under this System about

10. Remarks has some irrigated land but can't get pumping right
and of date

11. The above statements are true and accurate to the best of my knowledge and belief: W. M. Williams

WITNESS W. M. Williams W. M. Williams (Signed) Nov 27
(Place) (Date)

County Big Horn Code No. _____

1. Water User Chas. Corkins Address Harden

2. Stream Big Horn River Tributary Yellowstone

3. Point of Diversion _____ Section _____ Township _____ Range _____

4. Description of System Gen. Higgins Land & Improvement Co.

5. Original Appropriator Gen. Higgins Address Harden Date _____

6. First Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

7. Maximum Use: Date _____ No. Acres Irrigated _____

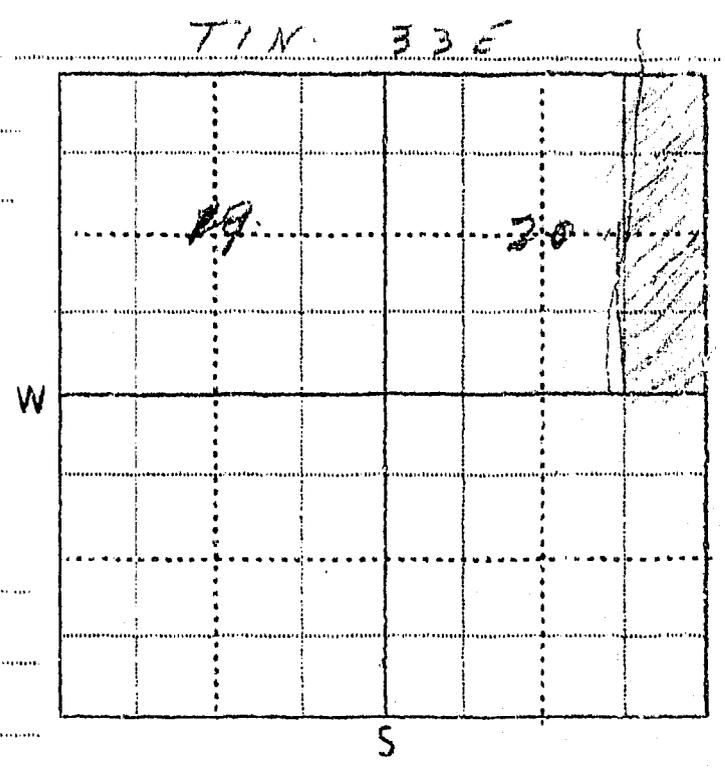
Other Use _____ Date _____

8. Present Use and Condition of System _____

1940 Crops	No. Acres
a	_____
b	_____
c	_____
d	_____
e	_____
f	_____
TOTAL	<u>160 acres</u>

Other Use (1940) _____

9. Potential Irrigable Lands Under this System _____



10. Remarks Gen. Higgins land bought water for Shoshone Pa. 20 years

11. The above statements are true and accurate to the best of my knowledge and belief: Charles O. Corkins

WITNESS Clemson

Harden Mont (Signed) Nov. 15-1940
(Place) (Date)

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 33 Record.....
 2. Name of Appropriator Chas. A. Parkins Address.....
 3. Date Appropriated 3-16-28 Date Filed 3-27-28
 Amount Appropriated, Meters Inches 40, Cubic Feet per second.....
 4. Name of Stream Jump Coulee Tributary..... Basin.....
 5. Point of Diversion a spring in Jump Coulee near
the dam
 Sec. 22 Twp. 1N Rge. 33E Bank of Stream.....

6. Purpose domestic & irrigation
 7. Description of System dam & ditch

8. Land Description of Intended Place of Use E²NE⁴ E²SE⁴ Sec 20 1N-33E

9. Remarks (Pertaining to Use, etc.).....

Decree

10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....
 11. To Whom Decreed..... Address.....
 12. Name of Ditch..... Maximum Capacity (C. F. S.).....
 13. Date of Priority..... Purpose.....
 14. Land Description of Place of Use as Decreed.....
 15. Remarks (Present Use Status, etc.).....



178
STATE OF MONTANA
STATE ENGINEERS' OFFICE
Water Resources Survey

Form WR-1-10M 8-65
 Code No. 9 A
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Deer, Harriet c o O. Y. Weir Address Hardin, Montana
 Name of Operator Weir, O. Y. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Higgins Water Users Assn
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system: 116.9 Shares you hold 153
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date May 22, 1909
5. Give the name of the original appropriator (first user): J. E. Shepard & Edward P. W. Bair
6. Give the date appropriated May 22, 1909 Amount filed on: Miners Inches 600 C. F. S. 600
7. State the total number of acres irrigated under this system: _____
8. Give the point of diversion: SE 1/4 SE 1/4 Section 20 Township 2 S. Range 33

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping _____ Other _____
11. What is the greatest number of acres you have irrigated? 116.9 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 116.9
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 35.1 This land is under what ditch? _____
14. How many acres of seeped land do you have which could be drained and put into production? 0
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes No _____ Explain _____
17. REMARKS: _____

117
 152.10
 116.9

 35.1

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm..... NE 1/4, Sec. 9 - Twp. 1 N., Rge. 33 W.

IRRIGATED LAND NON-IRRIGATED LAND

Farm boundary.

NORTH

This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggins Acres: 116.9
Ditch: _____ Acres: _____

Information supplied by: Two Leggins Water Users Assn
Name: _____ Address: Hardin, Mont Date: 2/25/46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 178

Owner Rate, Harriet & O.Y. Weir Address Harrah, Mont.

AAA Owner Rate, Harriet Address _____

Operator Weir, O.Y. Address Harrah, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record NE 1/4 Sec 9 1N-33E

Assessed Acreage 117.0

Legal Description of This Farm NE 1/4 Sec 9 1N-33E

Total Acres in Farm 160.0

Code Number 9A

Two Leggins Canal

Farm Map

C.B. & N. R.R.

Photo No. 243-80

AAA Contract No. 394

AAA Total Cropland Acreage 116.9

App. No. 335-336-337-339-345

Decree No. _____

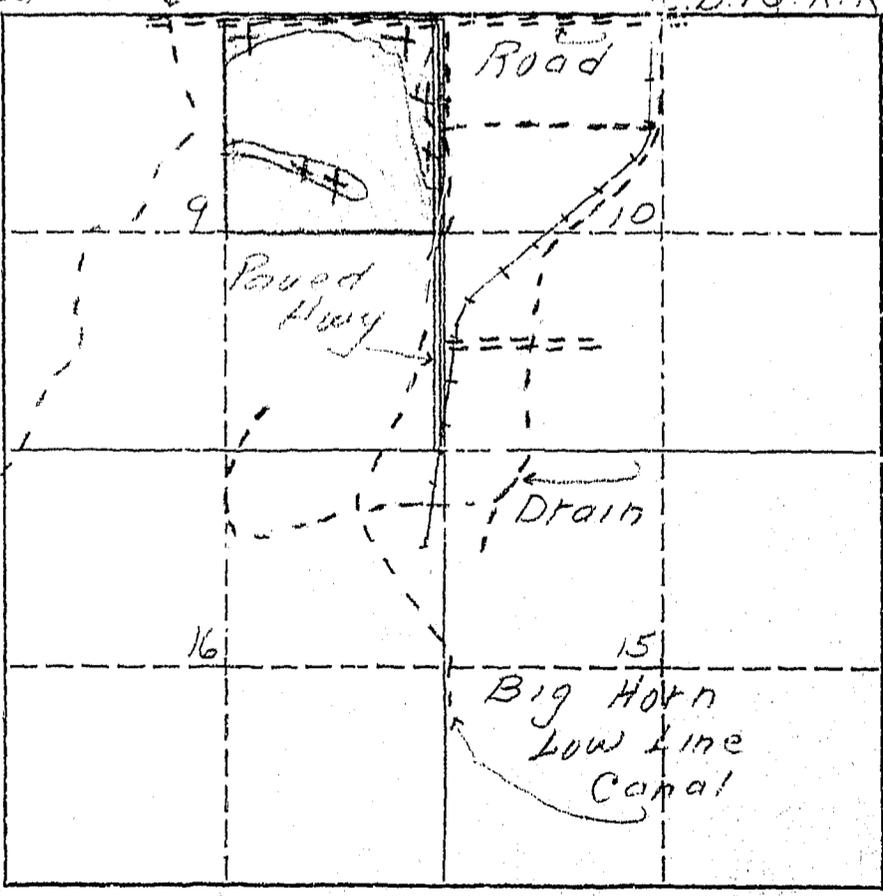
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks Send to O.Y. Weir



February 12, 1946

O. Y. Weir
Hardin, Montana

Dear Mr. Weir:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJC:af:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

January 12, 1946

O. Y. Weir
Hardin, Montana

Dear Mr. Weir:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. O. Y. Weir

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J. E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion _____

Head-gate in S. E. 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water-power.

7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.

Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N.E.

8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E

<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.

et al. R. E. Shepherd, C. M. Bair and J. E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn river, recorded in Miscellaneous records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn river, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn river, recorded in Miscellaneous records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd and C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn river, recorded in Miscellaneous records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn river, recorded in Miscellaneous records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

9-A

W.F. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 336 County Beaumont Twp. 1 North Rng. 3 East

Name of Owner Dale Hammet Address Miles City Mont.

Name of Operator Robert Hammet Address Miles City Mont.

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 111

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Sec 9, 14, 23E

					A

LC 158

11/1/40



206
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

WR-1-10M-8-15

Code No. 14 A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Davis, Clifford Address Crow Agency, Montana
Name of Operator Ottun, Nils & Juell Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Dry Creek
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system..... Shares you hold.....
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date Unable to find a record
5. Give the name of the original appropriator (first user): appropriation
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion: 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Nine Mile Coulee
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? ? Date.....
12. How many acres did you irrigate in 19.....? (Crop and pasture) none
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10 This land is under what ditch? Nine Mile Coulee
14. How many acres of seeped land do you have which could be drained and put into production?.....
15. What is the condition of your irrigation system?.....
16. Is your water supply adequate? Yes..... No..... Explain No guarantee of any
17. REMARKS: Hand built sand pump system
Land under this ditch was mostly dry land
10 acres have been irrigated in Part

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... $N\frac{1}{2}N\frac{1}{2}NW\frac{1}{4}SE\frac{1}{4}$, Sec. 14 - Twp. 1 N., Rge. 33 E.

	<input type="checkbox"/> IRRIGATED LAND	<input type="checkbox"/> NON-IRRIGATED LAND		
NORTH 	Farm boundary.			

This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Canal Acres: _____
Ditch: _____ Acres: _____

Information supplied by:
Name Field Clerk Address Sept 5-46 Date 1-15-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

January 12, 1946

Frank Douglas and F. Merkel
Hardin, Montana

Gentlemen:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in those counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,595.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Frank Douglas and F. Merkel

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Gravetz
Asst State Engineer

GJO:cf

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

above app. covers land but not in use

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 206

Owner Davis Clifford Address Big Horn, Mont.

AAA Owner Douglas Frank + Meckel, F. Address Hardin, Mont.

Operator Ottum, Nils + Jewell Address Hardin, Mont.

New Owner Address

New Operator Address

Assessment Record N.M. 14 Sec. 14 1N. 33E.

Assessed Acreage 10.0

Legal Description of This Farm N.M. 14 Sec. 14 - 1N. 33E.

Total Acres in Farm 10.0

Code Number 14 A

Photo No. 243-22,

AAA Contract No. 8370

AAA Total Cropland Acreage 0

App. No. 335-336-337-339-345

Decree No.

Land is located in

Twp. 1N Rge. 33E Twp. Rge.

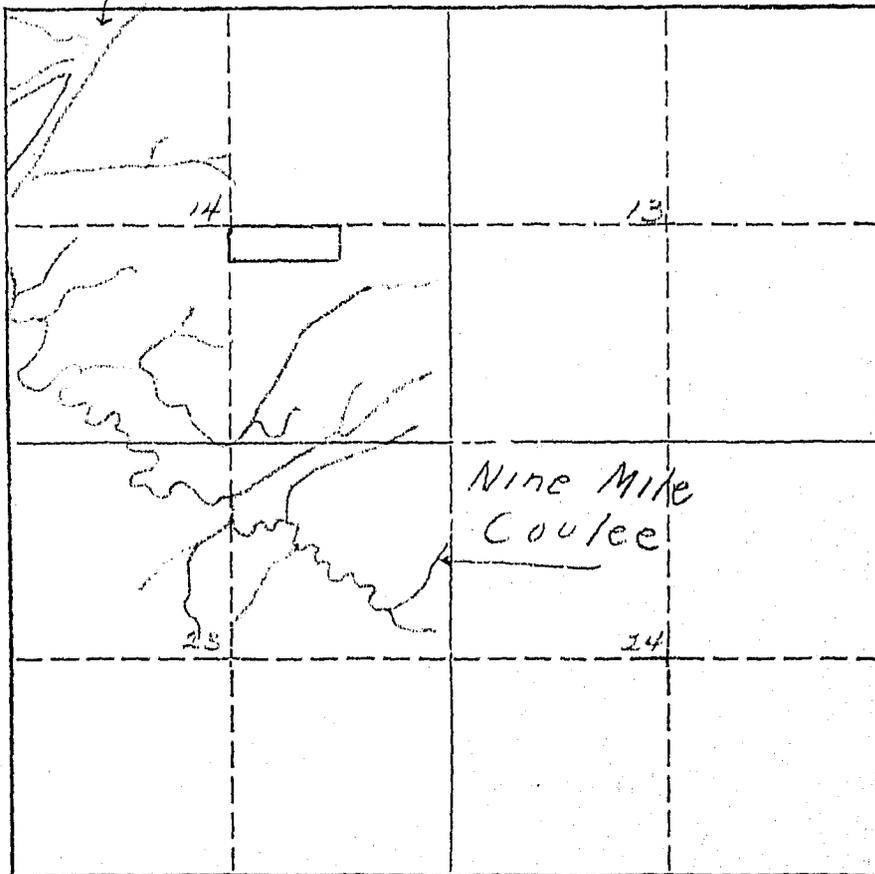
Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E.

Remarks Send to AAA Owner

Big Horn
River

Farm Map





183
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M, 8-46
 Code No. 10 E, 11 B
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Essex, Wray Address Hardin, Montana
 Name of Operator Dorn, Henry Jr. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggin Canal Big Horn Low Line
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 74 Shares you hold 80
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date Same as Ditch Co.
5. Give the name of the original appropriator (first user):
6. Give the date appropriated. Amount filed on: Miners Inches. C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section. 1/4 Township. Range.

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

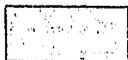
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 74
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 25 This land is under what ditch? Big Horn Low Line
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

Field Checked

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

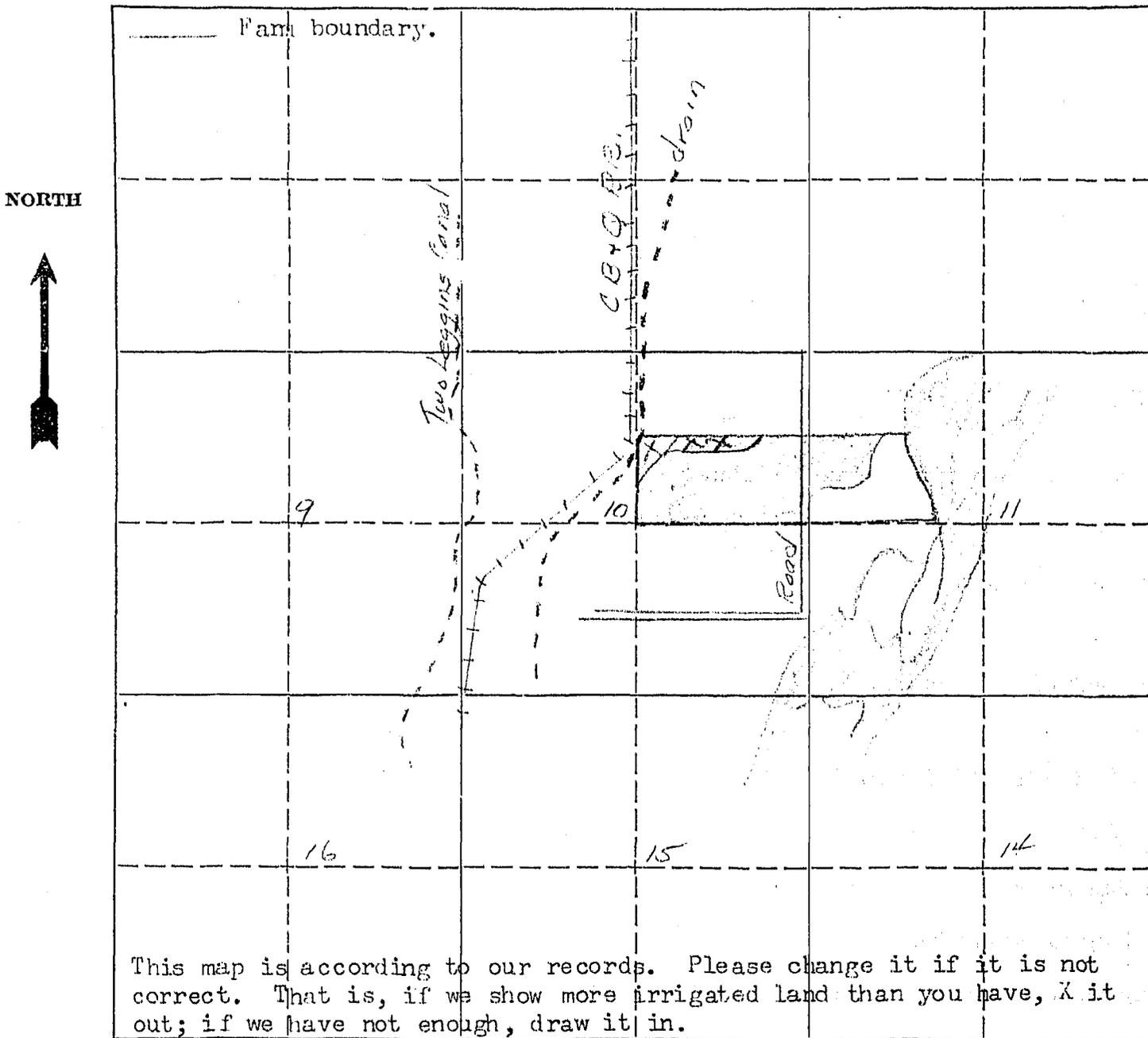
18. Legal Description of this Farm S1/4 NE1/4, Sec. 10 - lot 4, SW1/4, Sec. 11, Twp. 1 N., Rge. 33 E.



IRRIGATED LAND



NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Horn Low Line Acres: 74.0

Ditch: see signed report attached Acres: _____

Information supplied by:

Name Lymans works books & 701 - 1945 figures Address _____ Date Sept 5-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Putnam

FILE NO. 183

Owner Essex, Wm Address Hendrix Court

AAA Owner Essex, W.H. Address _____

Operator Dorn, Henry Jr Address Hendrix Court

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record NE 1/4 Sec 10 - 107.4 - SW 1/4 Sec 11 - 1N 33E

Assessed Acreage 80.0

Legal Description of This Farm SW 1/4 Sec 10 - 107.4 - SW 1/4 Sec 11 - 1N 33E

Total Acres in Farm 138.0

Code Number 10E-11B-

Photo No. 243-80-343-21,

AAA Contract No. 351-352

AAA Total Cropland Acreage 43.2

App. No. 335-336-337-339-345

Decree No. _____

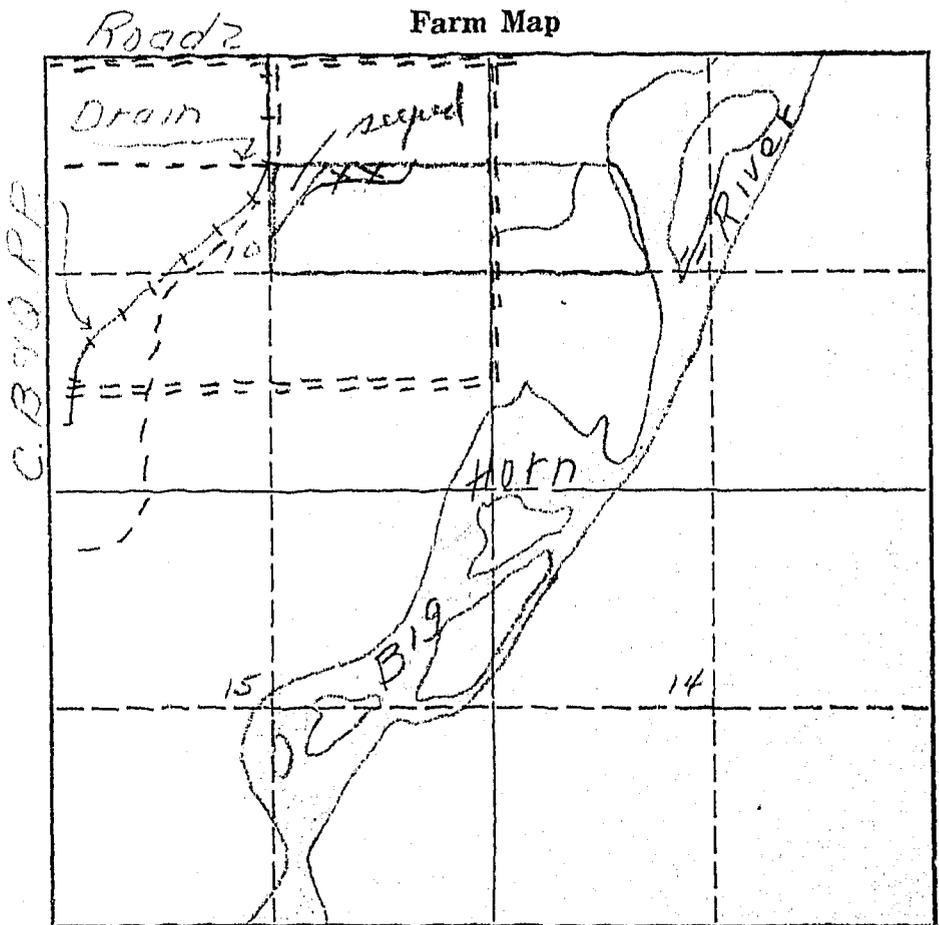
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____



On October 28, 1907, A. L. Mitchell, appropriated 10,000 miner's inches of water from the Big Horn River. Filing was made November 2, 1907, and recorded in Book A, Page 27 of Misc. Records in the Big Horn County Courthouse.

In addition to the above appropriation, a filing was made by Elmer K. Bowman on May 27, 1907 for 250 cubic feet per second of water from the Big Horn River. Notice of Appropriation was filed June 11, 1907 in Book A, Page 22 of Misc. Records.

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 577 County Big Horn Twp. North Rng. East

Name of Owner Essex May H. Address Hardin, Mont.

Name of Operator Christina E. S. Address " "

Total Number of Acres in Farm 80 Number of Acres Irrigated in 1940 71

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S² NE⁴ 10-1N-33E

LC 80

SM-1
TS with HB

Landline

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 332 County Big Horn Twp. North Rng. 33 East
Name of Owner Essex, Wray H. Address Hardin Mont.
Name of Operator Christina T.S. Address _____
Total Number of Acres in Farm 56 Number of Acres Irrigated in 1940 22

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lot 4, SW 1/4 NW 1/4, 11-14-33E

LC 55

See
10-E

County Big Horn Code No. _____

1. Water User Essex Wright Address Hardin

2. Stream Big Horn Tributary of Yellowstone

3. Point of Diversion SW 1/4 Section 34 Township 1N Range 33E

4. Description of System Big Horn Law Line Ditch Co

5. Original Appropriator A Address Hardin Date 3-11-1967

6. First Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

7. Maximum Use: Date _____ No. Acres irrigated _____

Other Use _____ Date _____

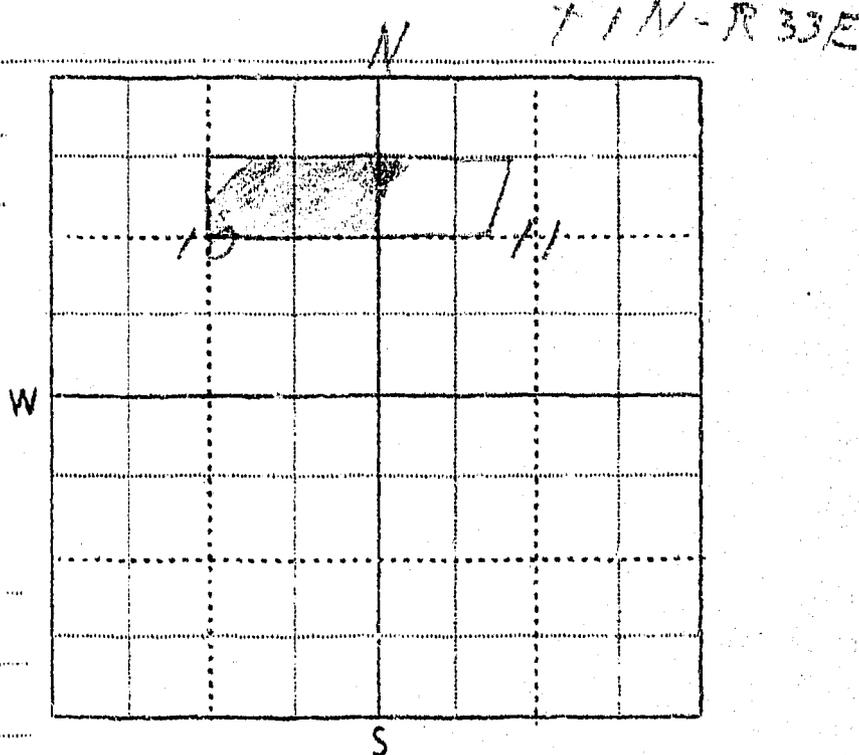
8. Present Use and Condition of System _____

1940 Crops	No. Acres
a. <u>Barley</u>	<u>2.2</u>
b. <u>Hay</u>	<u>5.0</u>
c. <u>Cattle</u>	<u>0</u>
d. _____	_____
e. _____	_____
f. _____	_____
TOTAL	<u>7.2</u>

Other Use (1940) _____

9. Potential Irrigable Lands Under this System 2.5

if reclaimed



10. Remarks _____

11. The above statements are true and accurate to the best of my knowledge and belief: Wright Essex

WITNESS [Signature] [Signature] (Signed) 11/25/60 (Date)

(Place) (Date)



195
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-1041 8-45
 Code No. 22 B, 27 A, 28 A
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Ewers, C. M. (Dec'd) Address Hardin, Montana
 C. A. Corkins, Administrator
 Name of Operator Lacharrier, John Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggins Canal (Two Leggins Water users Assn)
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system..... Shares you hold.....
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity..... Pumping..... Other.....
11. What is the greatest number of acres you have irrigated?..... Date.....
12. How many acres did you irrigate in 1945? (Crop and pasture).....
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 50.0 This land is under what ditch? Two Leggins Ditch
14. How many acres of seeped land do you have which could be drained and put into production?.....
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes..... No..... Explain.....
17. REMARKS:.....

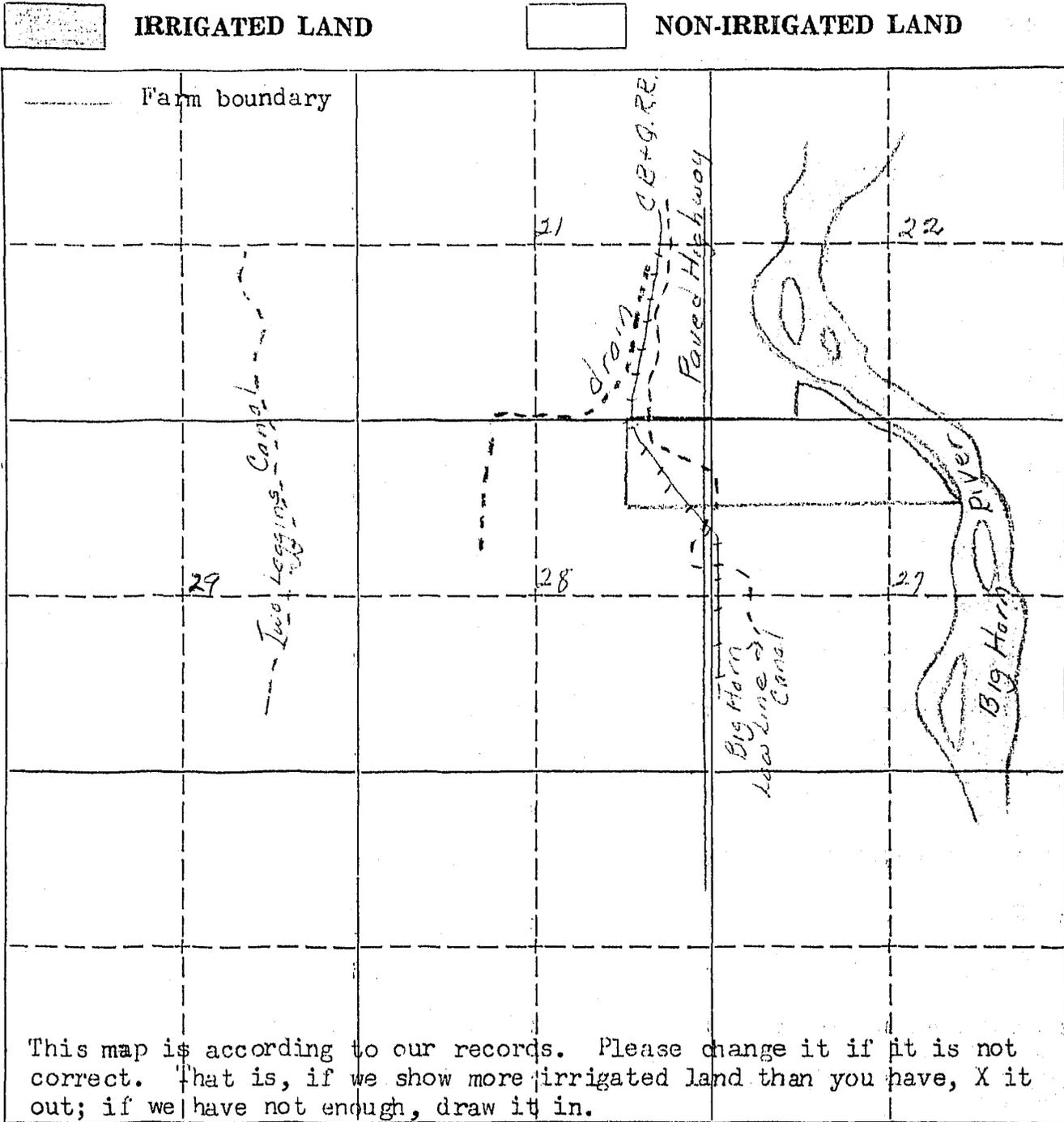
Land could be irrigated from either Two Leggins or the Big Horn Low Line Canal,

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm. Lot 7, Sec. 22 - lots 2, 3, NWNW¹/₄, Sec. 27 -
NENE¹/₄, Sec. 28 - Twp. 1 N., Rge. 33 W.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Legging Acres: 0

Ditch: _____ Acres: _____

Information supplied by:

Name Charles A. Coker's Address _____ Date 2-7-46

REMARKS: Taken in office by M. G. K.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins W.U.A.

Notice of Appropriation

1. County.....Big Horn..... Book...A..... Page...53..... Record Misc.....
2. Name of Appropriator...Edwards,J.E., et al..... Address Yellowstone County, Mont.....
3. Date Appropriated.....6/11/09..... Date Filed...6/15/09.....
Amount Appropriated, Miners Inches....., Cubic Feet per second...600
4. Name of Stream...Big Horn River..... Tributary..... Basin.....
5. Point of Diversion.....
.....Head-gate in S E 1/4.....
Sec...20..... Twp...2 S..... Rge...33 E..... Bank of Stream.....
6. Purpose.....Irrigation, domestic and water-power.....
7. Description of System.....Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.....
.....Canal 33 ft.bottom, 51 ft.top 6 ft.deep. runs N E.....
8. Land Description of Intended Place of Use...Twp. 2 S Rge. 33 E
.....1 S 33 E
.....1 N 33 E
.....2 N 33 E
.....3 N 33 E
.....3 N 34 E
9. Remarks (Pertaining to Use, etc.)...Selling and disposing of surplus water.....
.....et al= R.E.Shepherd, C.M.Bair and J.E.Edwards.....

Decree

10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....
11. To Whom Decreed..... Address.....
12. Name of Ditch..... Maximum Capacity (C. F. S.).....
13. Date of Priority..... Purpose.....
14. Land Description of Place of Use as Decreed.....
15. Remarks (Present Use Status, etc.).....

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 195

Owner..... Address.....

AAA Owner Ewers, C. M. (owner) C.A. Corbins, Administrator
Address Hardin, Mont.

Operator Leschenwarter, John Address Hardin, Mont.

New Owner..... Address.....

New Operator..... Address.....

Assessment Record NONE

Assessed Acreage.....

Legal Description of This Farm lot 7, Sec. 22 - lots 2, 3, NW NW 4, Sec. 27.

NENE 4, Sec. 28 1 N, 33 E

Total Acres in Farm 160.0

Code Number 32B-27A-28H

Big Horn
Farm Map Low Line Canal

Photo No. 343-78, 343-77

AAA Contract No. 1242

AAA Total Cropland Acreage 59.5

App. No. 335-336-337-338-345

Decree No.....

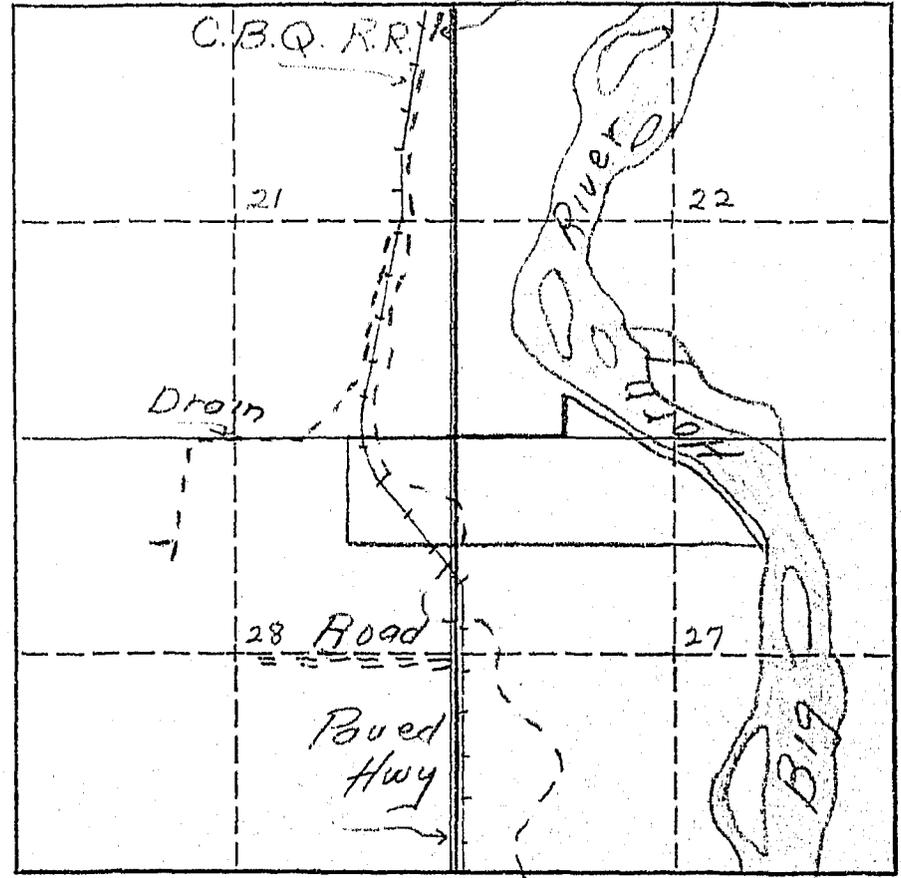
Land is located in

Twp. 1 N Rge. 33 E Twp..... Rge.....

Twp..... Rge..... Twp..... Rge.....

Filed in Twp. 1 N Rge. 33 E

Remarks.....





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 20,30
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Fed. Land Bank, c/o Rogers Inc. Address Hardin, Montana

Name of Operator Rogers Inc. Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by *Low Line Ditch Co*
Name of Ditch, Ditch Company or District supplying water
- 2. State the number of acres you irrigate under this system. *140* Shares you hold *2/10*
- 3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date.....
- 5. Give the name of the original appropriator (first user):
- 6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- 7. State the total number of acres irrigated under this system:.....
- 8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: *Big Horn River*
Name of stream or lake from which water is originally diverted
- 10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
- 11. What is the greatest number of acres you have irrigated? *135* Date *Every year*
- 12. How many acres did you irrigate in 1945? (Crop and pasture) *135 acres*
- 13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. *35 acres*. This land is under what ditch? *Low Line Ditch*
- 14. How many acres of seeped land do you have which could be drained and put into production?.....
- 15. What is the condition of your irrigation system? *Good*
- 16. Is your water supply adequate? Yes No..... Explain.....
- 17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... lots 5, 8, 9, SW¹/₄, Sec. 2 - S¹/₂SE¹/₄, Sec. 3 - T. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND

Farm boundary.

NORTH

This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Low Line Ditch Acres: 740 135

Ditch: Acres:

Information supplied by:

Name: W. A. Rogers Address: Hardin Mount Date: Feb 20 - 46

REMARKS:

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

On October 28, 1907, A. L. Mitchell, appropriated 10,000 miner's inches of water from the Big Horn River. Filing was made November 2, 1907, and recorded in Book A, Page 27 of Misc. Records in the Big Horn County Courthouse.

In addition to the above appropriation, a filing was made by Elmer K. Bowman on May 27, 1907 for 250 cubic feet per second of water from the Big Horn River. Notice of Appropriation was filed June 11, 1907 in Book A, Page 22 of Misc. Records.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY App. 4010

FILE NO. 135

Owner Fed. Land Bank & Rogers Inc. Address Hardin Mont.

AAA Owner Fed. Land Bank Address _____

Operator Rogers Inc. Address Hardin Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record lots 5-8-9 SW⁴ Sec. 2 - SESE⁴ Sec. 3. 1N. 33E

Assessed Acreage 150.0

Legal Description of This Farm lots 5-8-9 SW⁴ Sec. 2 - SESE⁴ Sec. 3 - 1N. 33E

Total Acres in Farm 310.0

Code Number 20-30

Photo No. 243-20-243-81-

AAA Contract No. 349

AAA Total Cropland Acreage 138.5

App. No. 335-336-337-338-345

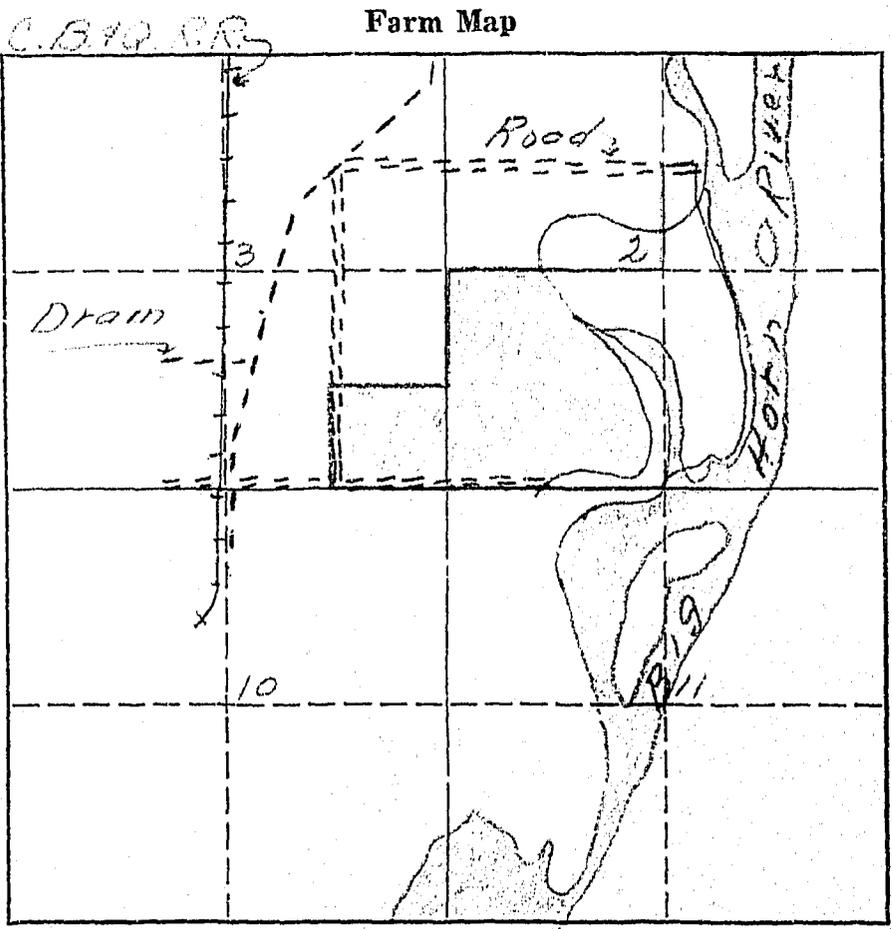
Decree No. _____

Land is located in
Twp. 1N Rge. 33 Twp. 2N Rge. 33

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 2N Rge. 33E

Remarks Send to operator



2-B
3-A

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 349 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Federal Land Bank, Rogers Inc. Address Hardin Mont

Name of Operator Rogers Inc. Address _____

Total Number of Acres in Farm 310.70 Number of Acres Irrigated in 1940 123

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lots 5, 8, 9, SW 1/4 Sec 2, SE 1/4 Sec 3 - 1N-33E

LC 114 (2)
40 (3)
Ditch Co
210

Water



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 32 B, 33 C

County Big Horn

T. 1 N. R. 33 E.

Name of Land Owner Feller, Catherine Address Hardin, Montana

Name of Operator Feller, Harry Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

Two Sygum Water user Assoc.

- 1. Water is delivered by: *Sygum Water user Assoc.*
Name of Ditch, Ditch Company or District supplying water
- 2. State the number of acres you irrigate under this system *121* Shares you hold *152*
- 3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
- 5. Give the name of the original appropriator (first user):
- 6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
- 7. State the total number of acres irrigated under this system:
- 8. Give the point of diversion: $\frac{1}{4}$ $\frac{1}{4}$ Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

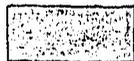
- 9. Source of Water: *Sygum Water user Assoc.*
Name of stream or lake from which water is originally diverted
- 10. Water is obtained by: (Check one) Gravity Pumping Other
- 11. What is the greatest number of acres you have irrigated? *?* Date
- 12. How many acres did you irrigate in 19*45*? (Crop and pasture) *121*
- 13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
- 14. How many acres of seeped land do you have which could be drained and put into production? *0*
- 15. What is the condition of your irrigation system? *good*
- 16. Is your water supply adequate? Yes No Explain
- 17. REMARKS:

Signed form attached by John Feller

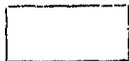
NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... E $\frac{1}{2}$ SE $\frac{1}{4}$, Sec. 32 - W $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 33 - Twp. 1 N., Rge. 33 E.

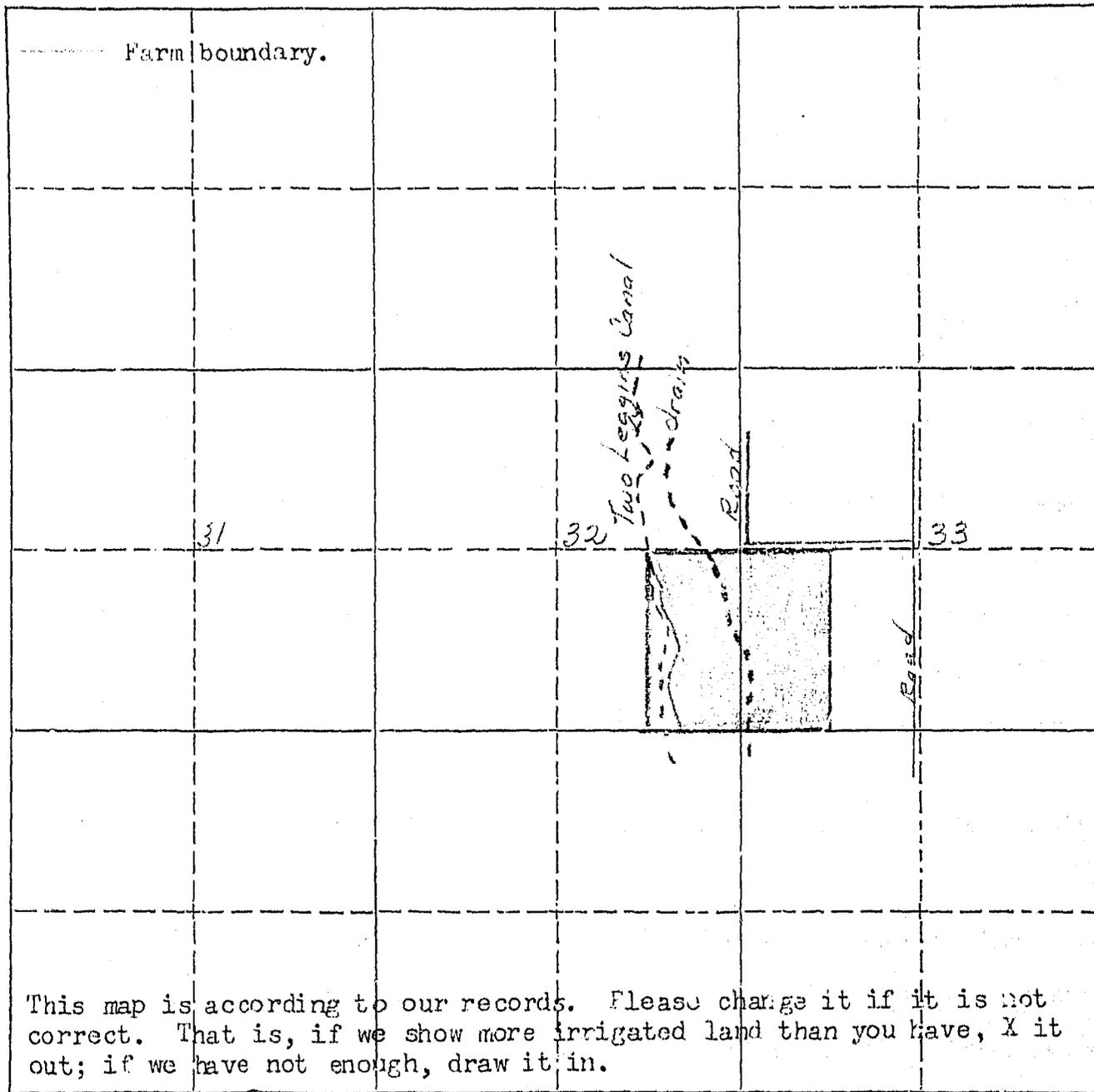


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Legging Canal Acres: 121

Ditch: See attached signed sheet. Acres: _____

Information supplied by:

Name Field Check - OAR measurements Address _____ Date Sept 5-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO 100

Owner Feller, Catherine Address Hardin Court

AAA Owner _____ Address _____

Operator Feller, Harry Address Hardin Court

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record E 32nd, Sec. 32, W 34th, Sec. 33, T. 1N, R. 33E

Assessed Acreage 120.0

Legal Description of This Farm E 32nd, Sec. 32, W 34th, Sec. 33, T. 1N, R. 33E

Total Acres in Farm 160

Ccde Number 328-33C

Two Leagues
Canal Farm Map

Photo No. 244-27, 243-76

AAA Contract No. 301

AAA Total Cropland Acreage 127.4

App. No. 335-326-337-339-345

Decree No. _____

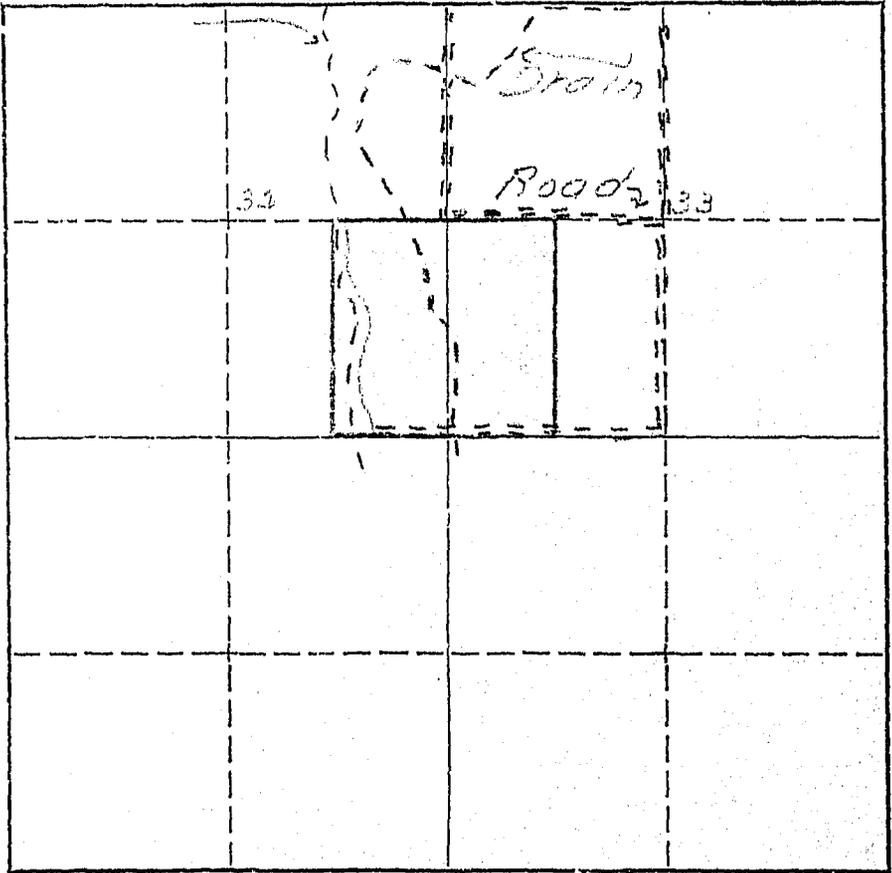
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____



STATE ENGINEERS OFFICE
Water Resources Survey

Two Legs 18 W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J. E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S R¹/₄
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power.
7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.
Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N.E.
8. Land Description of Intended Place of Use

Twp.	2 S	Rge	33 E
	1 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	4 N		34 E
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al = H.E. Shepherd, C.M. Boir and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____
15. Remarks (Present Use Status, etc.) _____

1989

32-B
A

FORM S14-1

A STUDY OF MONTANA'S WATER RESOURCES

County Bia Hunt Code No. _____

1. Water User Ulrich Emil W Mrs Address 625 N Gould St. Sheridan Wyo

2. Stream Bia Hunt Tributary _____

3. Point of Diversion 1/4 Section 1/4 Township _____ Range _____

see Two Leasing Ditches

4. Description of System _____

5. Original Appropriator _____ Address _____ Date _____

6. First Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

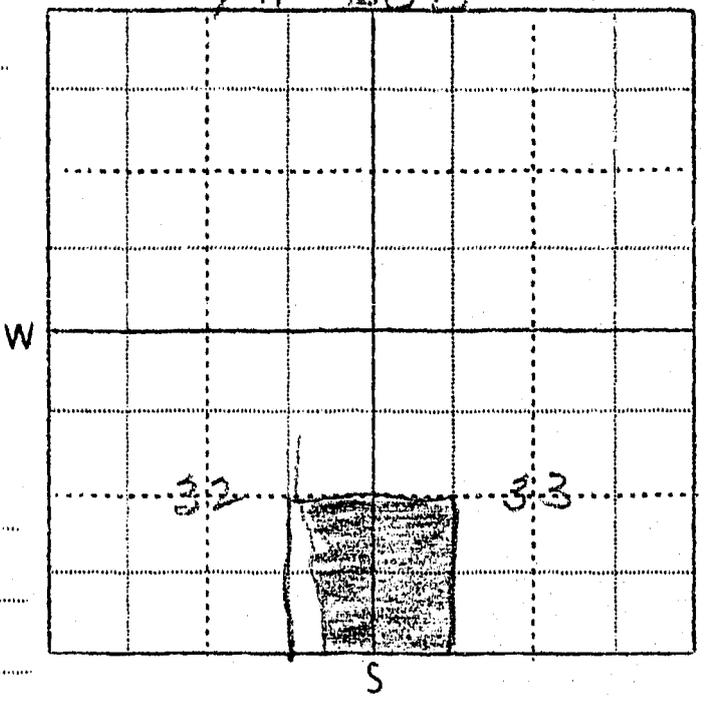
7. Maximum Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

8. Present Use and Condition of System Good

1 N - 23 E

1940 Crops	No. Acres
a. <u>Barley</u>	<u>70</u>
b. <u>Alfalfa</u>	<u>10</u>
c. <u>Grain Hay</u>	<u>71</u>
d. <u>Wheat</u>	<u>13</u>
e. <u>Pasture</u>	<u>10</u>
f. <u>Pasture</u>	<u>2</u>
TOTAL	<u>171</u>



Other Use (1940) _____

9. Potential Irrigable Lands Under this System 0

10. Remarks Plenty of water

11. The above statements are true and accurate to the best of my knowledge and belief: John Keller Renter (Signed)

WITNESS [Signature]

Hardin (Place)

Nov 27, 1948 (Date)

625 North Gould Street
Sheridan, Wyoming

November 25, 1940

Representative of the State Engineer
Community Room, Court House
Hardin, Montana

Dear Sir:

I am this date in receipt of letter of November 22, 1940, from the State Engineer, Helena, Montana, addressed to Mr. Emil W. Ulrich requesting him to appear before a representative of that office to offer verbal testimony as to use of water for irrigation and other purposes. Mr. Ulrich is deceased; I am, therefore, answering the letter.

Due to illness I am unable to visit Hardin at this time. However, I am forwarding the letter to Mrs. Mike Feller, who lives on the ranch and who is buying this property, in order that she may present to you testimony she desires in reference to the use of water for irrigation and other purposes.

I trust that this arrangement will be satisfactory.

Very truly yours,

Mrs. Emil W. Ulrich

Mrs. Emil W. Ulrich



165
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 3-15
Code No. 10 F, 11 C
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Hert, Gottlieb Address Hardin, Montana
Name of Operator Hert, Gottlieb Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

1. Water is delivered by: ~~Two Leggins~~ Big Horn Low Line
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 88 Shares you hold 100
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

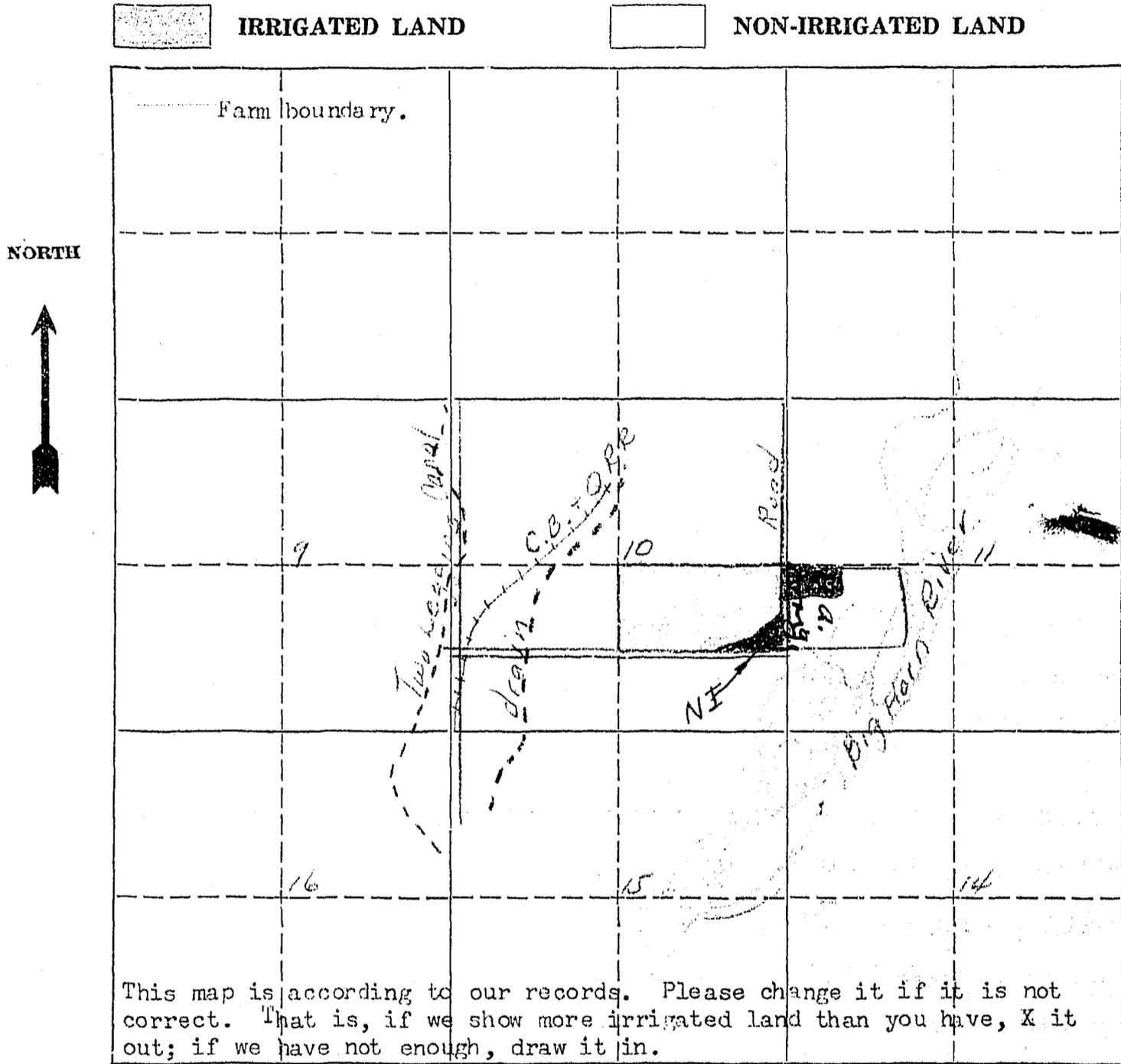
9. Source of Water: Big Horn River.
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated?..... Date.....
12. How many acres did you irrigate in 1945? (Crop and pasture) 88
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc..... This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?.....
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes..... No..... Explain.....
17. REMARKS:.....
.....
.....
.....

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm $N\frac{1}{2}SE\frac{1}{4}$, Sec. 10 - lot 7, $NWSW\frac{1}{4}$, Sec. 11 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Low Line Ditch Co. 100 shares. Acres: 88.

Ditch: _____ Acres: _____

Information supplied by:

Name: Sattlieb Hert Address: Hardin Mont. Date: Mar 12-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

On October 28, 1907, A. L. Mitchell, appropriated 10,000 miner's inches of water from the Big Horn River. Filing was made November 2, 1907, and recorded in Book A, Page 27 of Misc. Records in the Big Horn County Courthouse.

In addition to the above appropriation, a filing was made by Elmer K. Bowman on May 27, 1907 for 250 cubic feet per second of water from the Big Horn River. Notice of Appropriation was filed June 11, 1907 in Book A, Page 22 of Misc. Records.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn
FILE NO. 165

Owner..... Address.....
AAA Owner Hert, Gottlieb Address Hardin, Mont
Operator..... Address.....
New Owner..... Address.....
New Operator..... Address.....

Assessment Record None

Assessed Acreage -

Legal Description of This Farm N²S²E⁴, Sec. 10 - lot 7 - NW⁴SW⁴, Sec. 11 - 1N 33E

Total Acres in Farm 141.0

Code Number 10F-11C

Photo No. 243-80, 243-21

AAA Contract No. 344

AAA Total Cropland Acreage 85.4

App. No. 335-336-337-339-345

Decree No.....

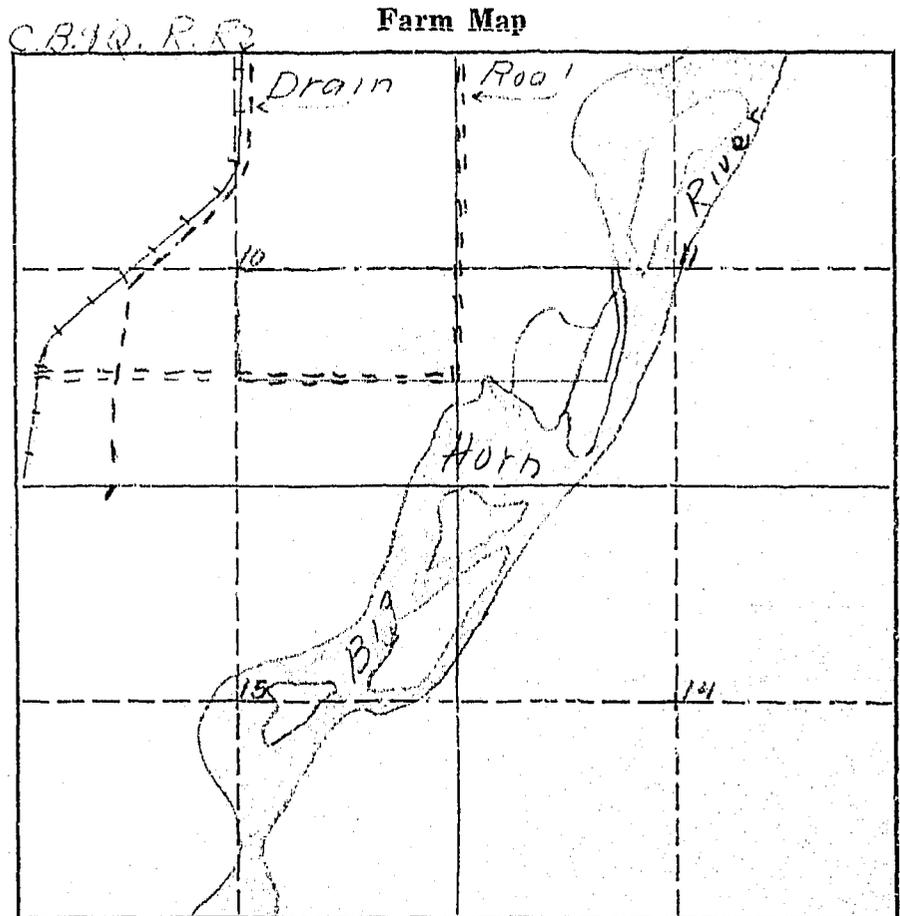
Land is located in

Twp. 1N Rge. 33E Twp. 2N Rge. 33E

Twp..... Rge..... Twp..... Rge.....

Filed in Twp. 2N Rge. 33E

Remarks.....



10-F
1-6

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 314 County Big Horn Twp. North Rng. 33 East

Name of Owner Chapman C.W. Inc. Address Red Lodge, Mont.

Name of Operator Hert Gault Address Red Lodge, Mont.

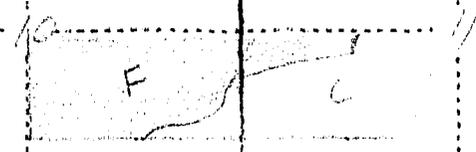
Total Number of Acres in Farm 100.54 Number of Acres Irrigated in 1940 86

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description N²S⁴ 10, lot 7 NW⁴ SW⁴, 11-17-33E.

LC 80 (10)
29 (11)

Low Line





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 3 A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Holly Sugar Corp. Address Hardin, Montana
Name of Operator Grossman, Wm. B. Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Ditches (Two Separate Water Users Assoc)
2. State the number of acres you irrigate under this system 1860 Shares you hold 24628
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 186
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system?
16. Is your water supply adequate? Yes No Explain
17. REMARKS: Right purchased from Two Separate
land and irrigation system to John
5, 6, 16 50

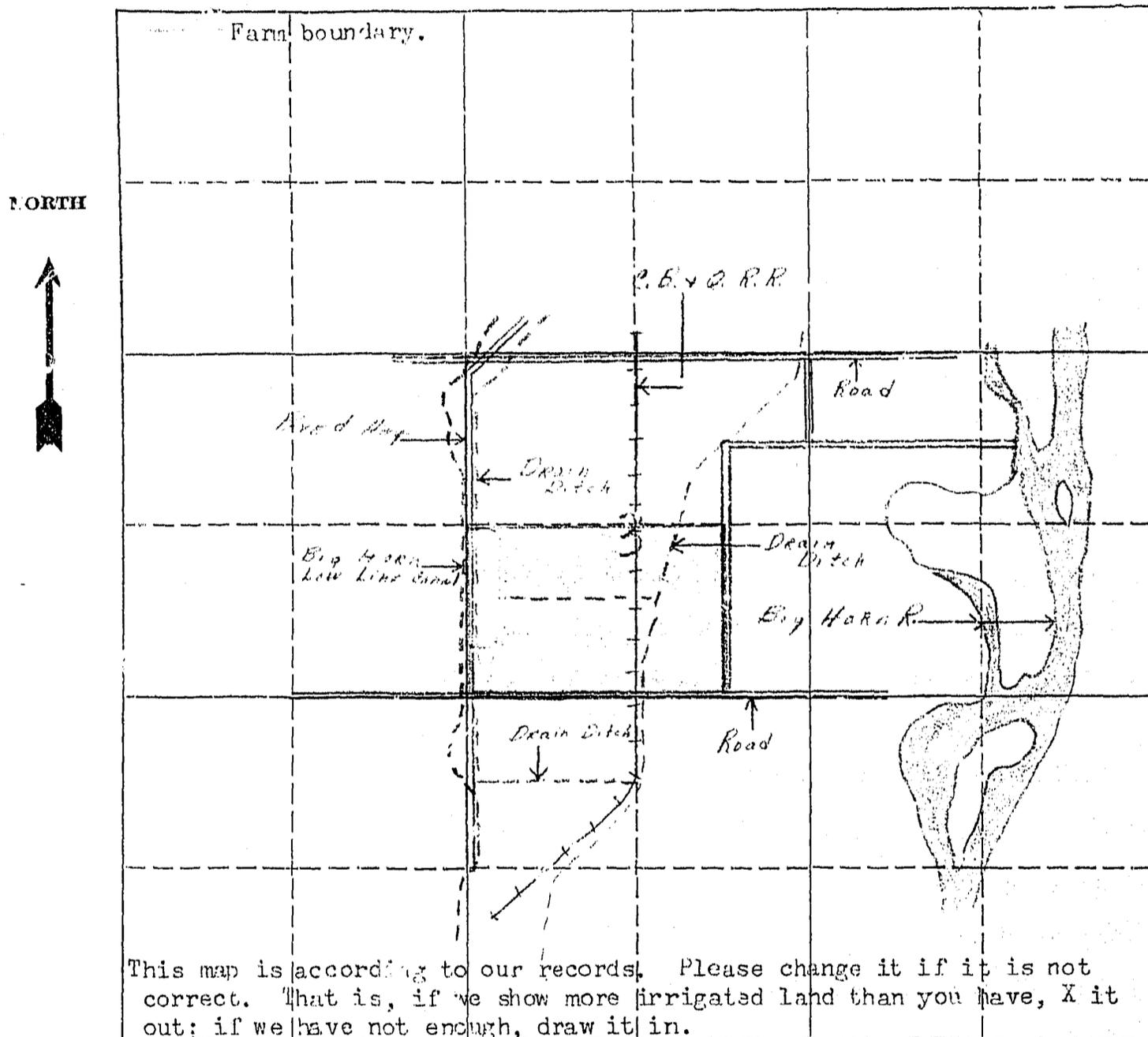
OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SW 1/4, W 1/2 SW 1/4, Sec. 2 - Twp. 1 N., Rge. 33 W.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Three Tapped Canals Acres: 186.0

Ditch: _____ Acres: _____

Information supplied by:

Name Wm Grossman Address Wester P.O. Date Oct 3-46

REMARKS: by field check - G. Grossman

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible. •

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

Two Leggs W.U.A.

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power.
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.
Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N E.
- 8. Land Description of Intended Place of Use _____
Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al = R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 172

Owner: Holtz Spear Corp. Address: Hardin, Mont.

AAA Owner: _____ Address: _____

Operator: Grossman, Wm G. Address: Hardin, Mont.

New Owner: _____ Address: _____

New Operator: _____ Address: _____

Assessment Record: SW⁴, W⁴SE⁴, Sec. 3, 1N, 33E

Assessed Acreage 237.37

Legal Description of This Farm: SW⁴ W⁴SE⁴ Sec. 3 - 1N, 33E, 1N, 33E

Total Acres in Farm _____

Code Number 3A

Photo No. 243-81

AAA Contract No. 402

AAA Total Cropland Acreage 213.7

App. No. 335-336-337-339-345

Decree No. _____

Land is located in

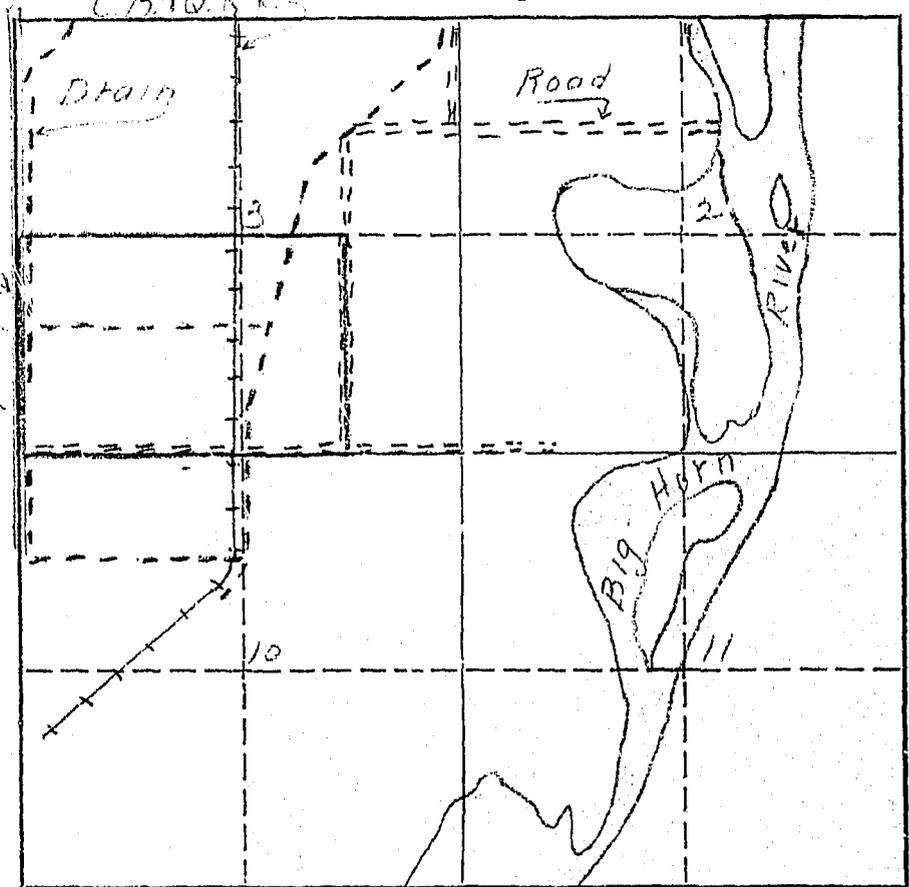
Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____

Farm Map



W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

3D

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 402 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Holly Sugar Corp Address Hardin Mont

Name of Operator _____ Address _____

Total Number of Acres in Farm 240 Number of Acres Irrigated in 1940 186

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description SW^{1/4} W² SE^{1/4} of 17-33E

LC 240

Leaving



172 *Part A*

WB-1-10M 8-45

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 3 A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Holly Sugar Corp. c/o Wm. Franklin & Clyde Ryder Address Hardin, Montana
Name of Operator Schneider, Fred Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- Water is delivered by: Two Legions (Two Legions Water Users Assoc)
Name of Ditch, Ditch Company & District supplying water
- State the number of acres you irrigate under this system 229.8 Shares you hold 278.72
- If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- In what year was this land first irrigated? Date.....
- Give the name of the original appropriator (first user):
- Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- State the total number of acres irrigated under this system:.....
- Give the point of diversion: 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

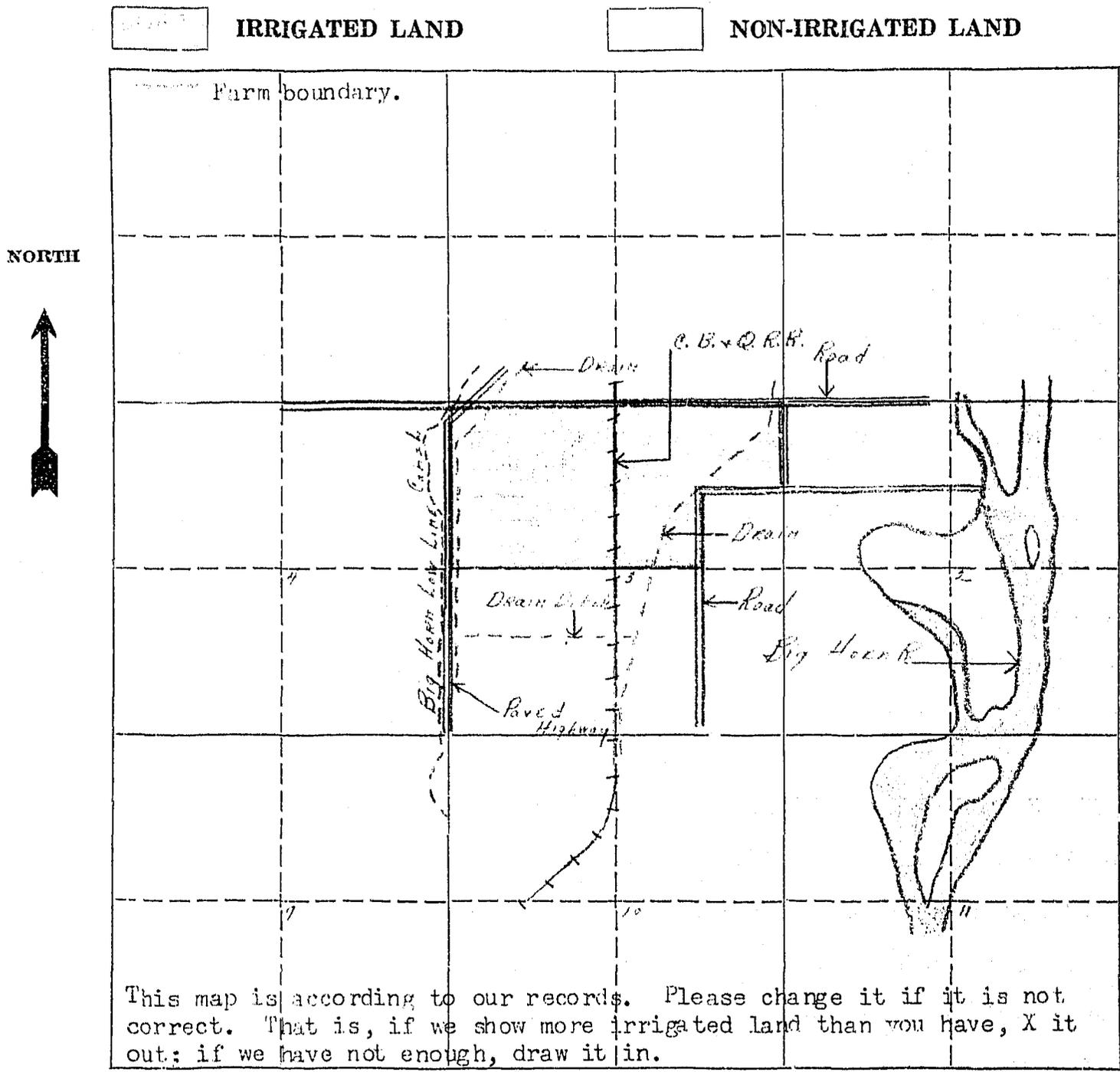
- Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- Water is obtained by: (Check one) Gravity Pumping..... Other.....
- What is the greatest number of acres you have irrigated? ? Date.....
- How many acres did you irrigate in 1945...? (Crop and pasture) 229.8
- State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc..... This land is under what ditch?
- How many acres of seeped land do you have which could be drained and put into production?.....
- What is the condition of your irrigation system? good
- Is your water supply adequate? Yes..... No..... Explain.....
- REMARKS: data on part a of 172

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, Sec. 3 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two separate canals Acres: 229.8
Ditch: _____ Acres: _____

Information supplied by:

Name Field Clerk Address _____ Date Sept 5-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Hardin

FILE NO. 172

Owner Holly Sugar Corp. To Wm. Matthews & Ryder Address Hardin, Mont

AAA Owner Holly Sugar Corp. Address _____

Operator Schneider, Fred Address Hardin, Mont

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record lots 1-2-3-4 - S¹ NW¹ SW NE, Twp 4.25 N. Sec. 3 1 N. 33 E

Assessed Acreage 274.38

Legal Description of This Farm lots 1-2-3-4 - S¹ NW¹ SW NE, Sec. 3 1 N. 33 E

Total Acres in Farm 278.0

Code Number 319

Photo No. 243-81

AAA Contract No. 1106

AAA Total Cropland Acreage 173.8

App. No. 385 336 387 389 345

Decree No. _____

Land is located in

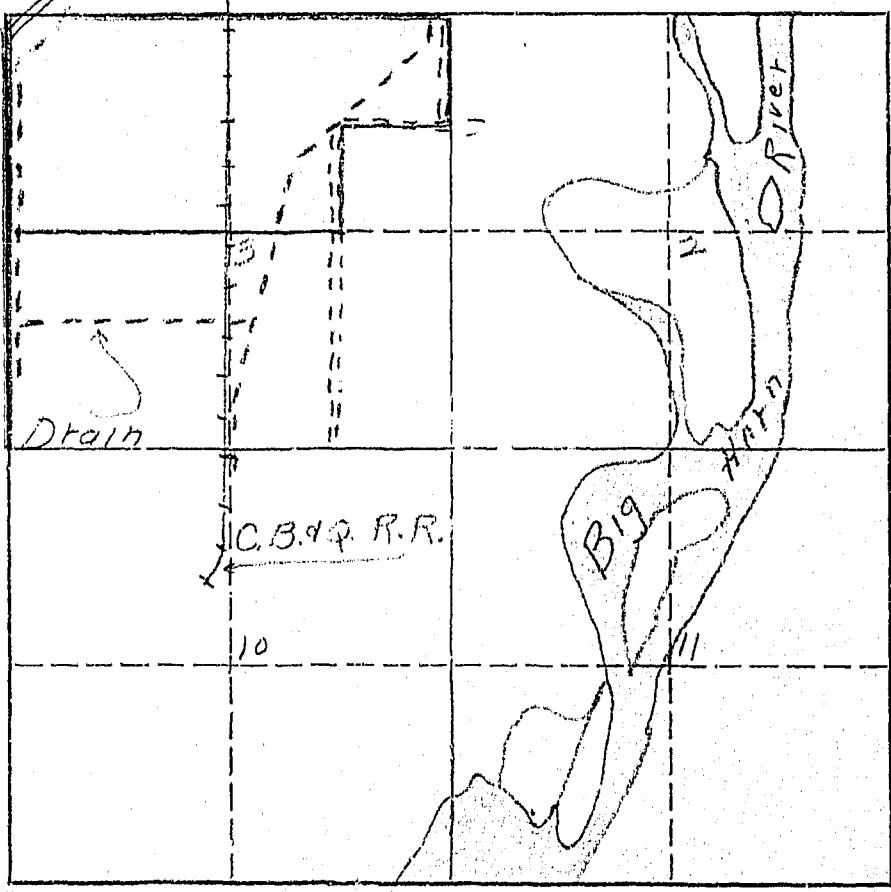
Twp. 1 N. Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N. Rge. 33 E.

Remarks _____

Farm Map



W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 406 County Big Horn Twp. 1 North Rng. 33 East

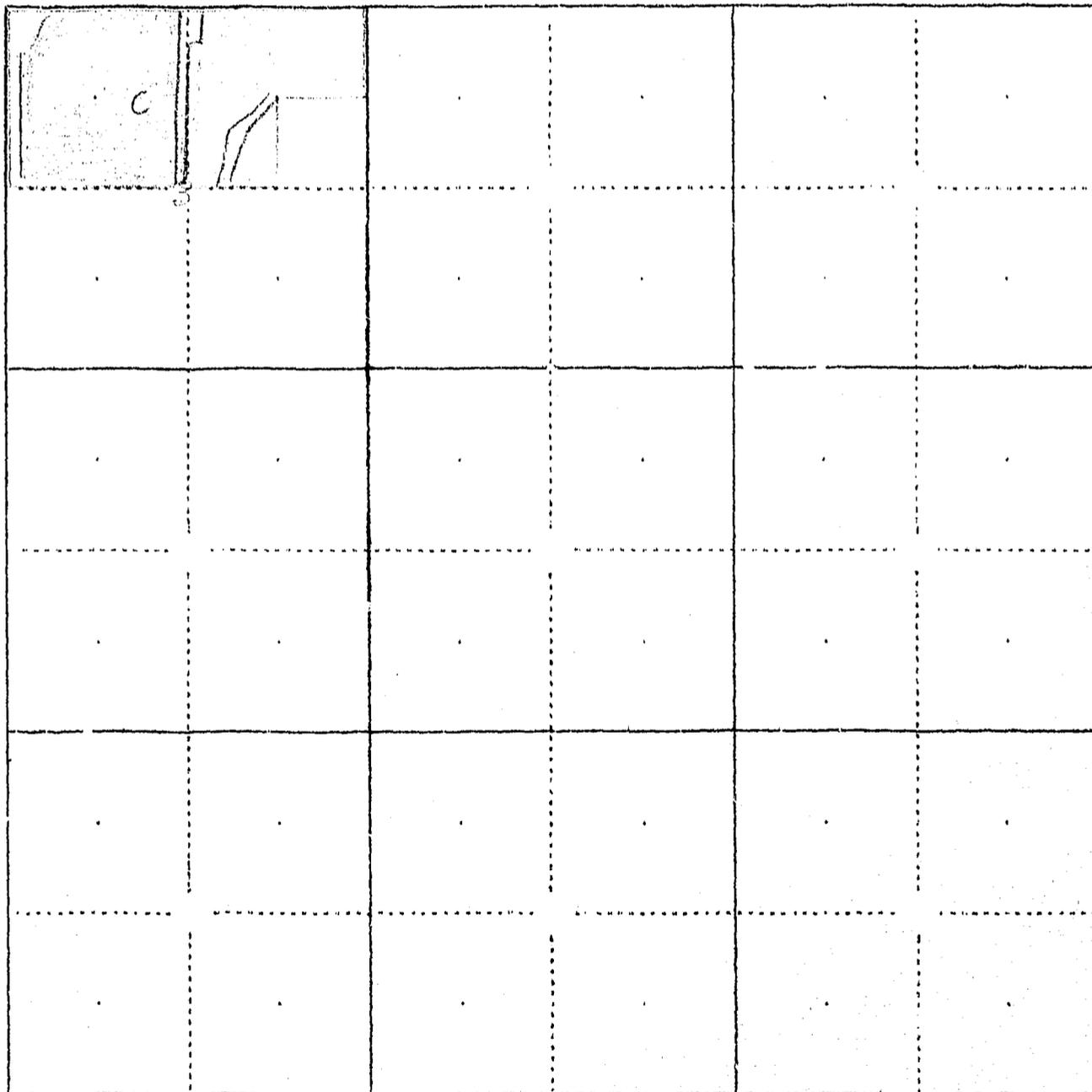
Name of Owner Wally Sugar Corp Address Hardin Mont

Name of Operator Stricker Webb Address ''

Total Number of Acres in Farm 275.2 Number of Acres Irrigated in 1940 194

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lots 1234, SW⁴, NE⁴, S² NW⁴, S-1N-33E



LC 277

Lowline



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 33 D.
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Johnson, John A., et al. Address 1104 Austin, Evanston, Illinois
c/o Carl Johnson
Name of Operator Keller, Valentine Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

(Two Legume Water Users Assn)

- 1. Water is delivered by: Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 140 Shares you hold 160
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section Township Range

Part C

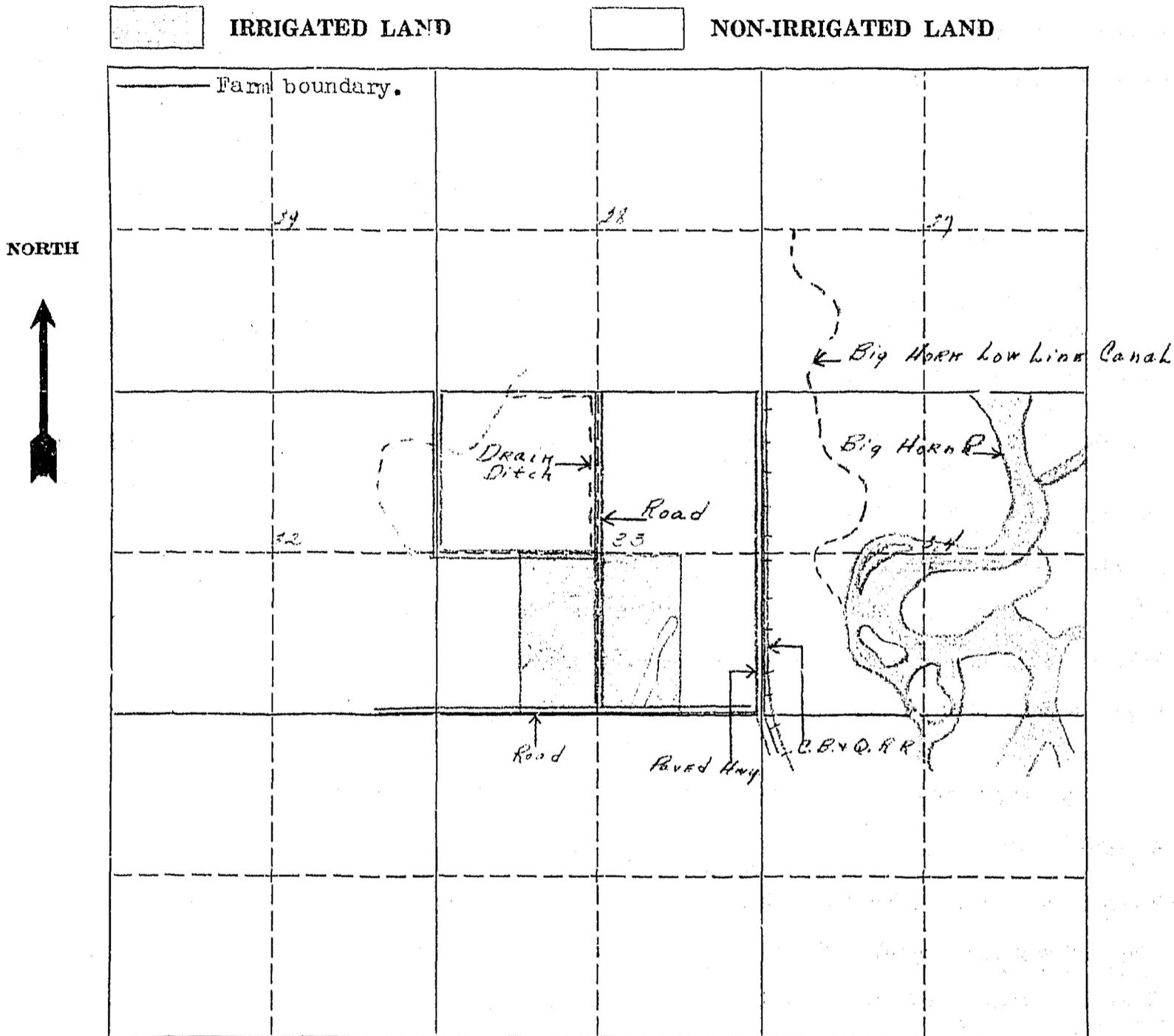
TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 140 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 140
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. None This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm E 1/4 NW 1/4, W 1/2 SE 1/4, Sec. 33, Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Diggins Canal Acres: 140

Ditch: _____ Acres: _____

Information supplied by:

Name Will Clark Address _____ Date Int 5-46

REMARKS: 100 Acres Road + Irrigation 140 acres

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al. Address Yellowstone County, Mont.
3. Date Appropriated 5/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in S E
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power
7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33-ft. bottom 51 ft. top 6 ft. deep. Runs N E.
8. Land Description of Intended Place of Use _____

Twp	2 S	Rge.	33 E
	2 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	3 N		34 E
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al- H.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____
15. Remarks (Present Use Status, etc.) _____

January 12, 1946

Valentine Feller
Hardin, Montana

Dear Mr. Feller:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Valentine Feller

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. A. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. O. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. W. Edwards, H. E. Shepard and C. M. Bair (Two Legging Water Users Association) filed for 600 cubic feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 302 County Big Horn Twp. North Rng. East

Name of Owner Johnson, John A (Ed) Address 633 So. Washington
Butte Mont

Name of Operator John Johnson Address Hardin Mont

Total Number of Acres in Farm 140 Number of Acres Irrigated in 1940 140

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description 7 1/2 SW 1/4 Sec 33-14-33E

LL 160

Two 1/2

February 15, 1946

Valentine Feller
Hardin, Montana

Dear Mr. Feller:

On January 15, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Cravetz
Ass't State Engineer

GJO:ef

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 18, 1946

Mr. Valentine Feller
Hardin, Montana

Dear Mr. Feller:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date, we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO;pw

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 201

Owner Johnson, John A. et al. Carl Johnson Address 1104 Austin, Evanston, Ill.

AAA Owner Johnson, Carl Address _____

Operator Feller, Valentine Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record E 33 N 4 W 33 E Sec. 33 1 N 33 E

Assessed Acreage 160.0

Legal Description of This Farm E 33 N 4 W 33 E Sec. 33 1 N 33 E

Total Acres in Farm 160.0

Code Number 33D

Photo No. 243-76

AAA Contract No. 303

AAA Total Cropland Acreage 140.0

App. No. 335-336-337-339-245

Decree No. _____

Land is located in

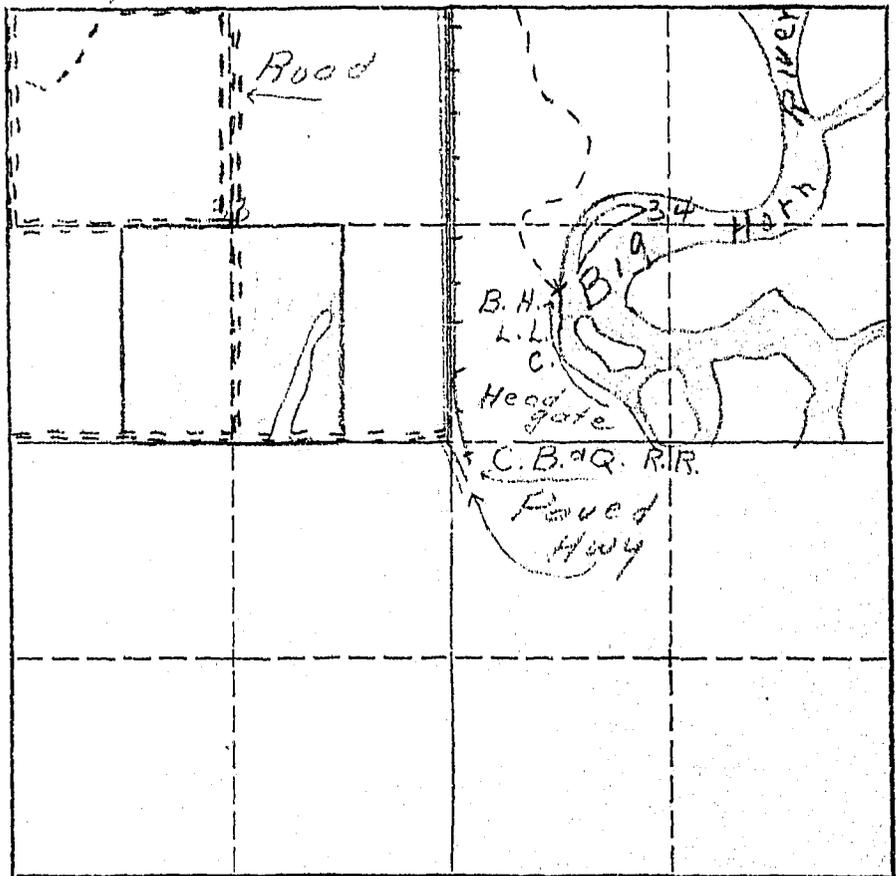
Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks Send to Operator

Drain Farm Map





171
 STATE OF MONTANA
 STATE ENGINEERS OFFICE
 Water Resources Survey

WR-1-1948-8-16
 Code No. 2 E, 3 B
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner..... Kallen, Andrew Address Hardin, Montana
 Name of Operator..... Kallen, Andrew Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT

1. Water is delivered by:..... *Low Line Ditch Co*
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system..... *700/110* Shares you hold..... *100*.....
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

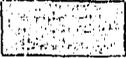
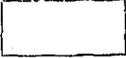
9. Source of Water:..... *Big Horn river*
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? *110* Date..... *1945*.....
12. How many acres did you irrigate in 19*45*? (Crop and pasture)..... *110*.....
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc..... *10*..... This land is under what ditch?..... *Low Line Ditch*.....
14. How many acres of seeped land do you have which could be drained and put into production?..... *none*.....
15. What is the condition of your irrigation system?..... *fairly good*.....
16. Is your water supply adequate? Yes No..... Explain.....
17. REMARKS:.....

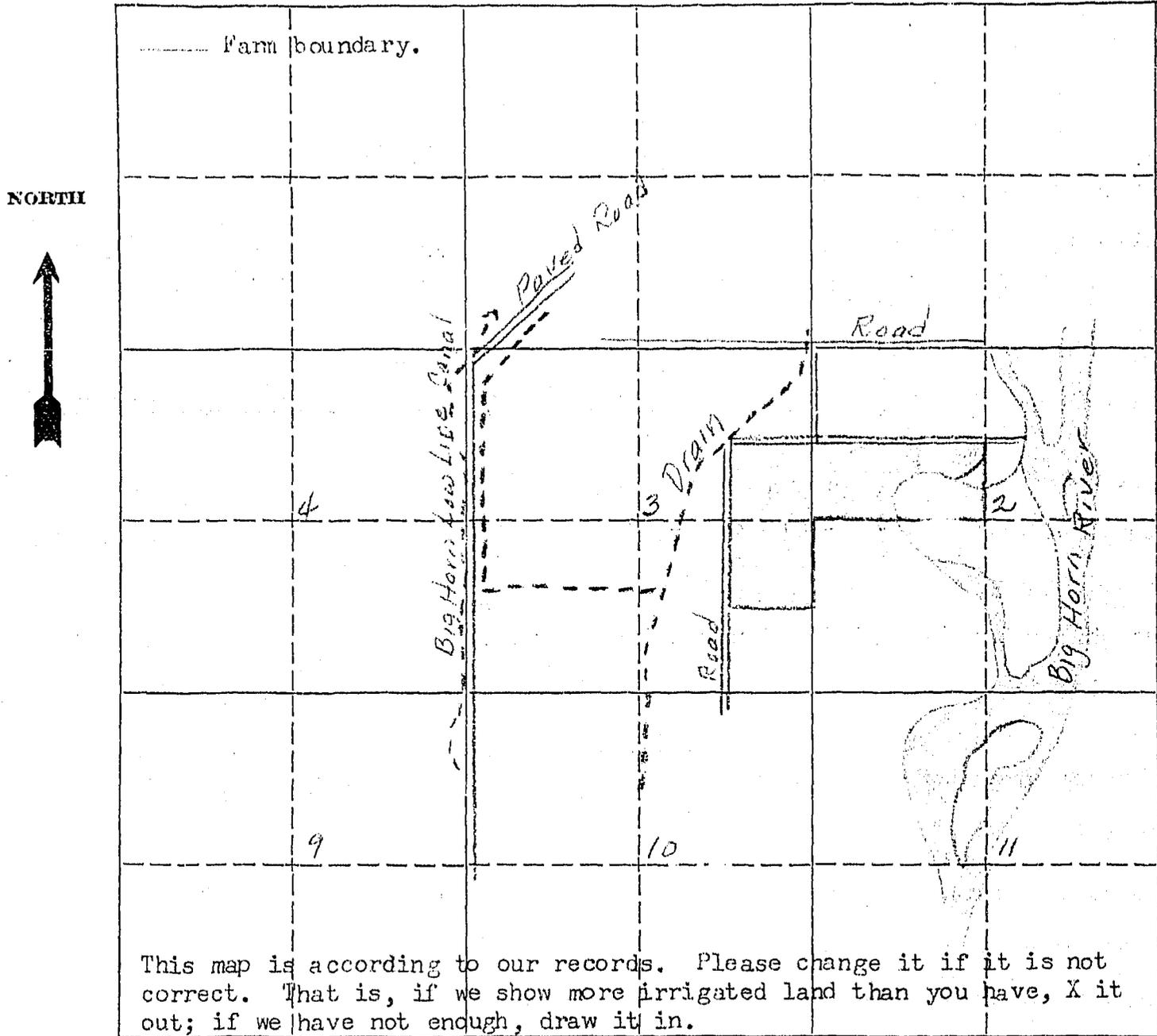
OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm.....S¹/₄NW¹/₄, Sec. 2 - SENECA, NESE¹/₄, Sec. 3 - Twp. 1 N., Rge. 33 E.

 IRRIGATED LAND  NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: *Big Horn Low Lift Canal* Acres: *11.0*

Ditch: Acres:

Information supplied by:

Name *Andrew Gallen* Address Date *1-14-45*

REMARKS: *Map is correct*

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Appropriations:

According our our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, W. W. Hine, and Thomas S. Ballow, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

yes

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Hardin

FILE NO. 171

Owner Nelson Anderson Address Hardin, Miss.

AAA Owner " " Address

Operator " " Address

New Owner Address

New Operator Address

Assessment Record S²NW⁴ Sec. 2 SE¹NE⁴ NE²E⁴ Sec. 3- 1N-33E

Assessed Acreage 100.0

Legal Description of This Farm S²NW⁴ Sec 2-SE¹NE⁴ NE²E⁴ Sec. 3- 1N.33E.

Total Acres in Farm 160.0

Code Number 2B-3B

Photo No. 242.51

AAA Contract No. 318

AAA Total Cropland Acreage 114.3

App. No. 335-336-337-339-345

Decree No.

Land is located in

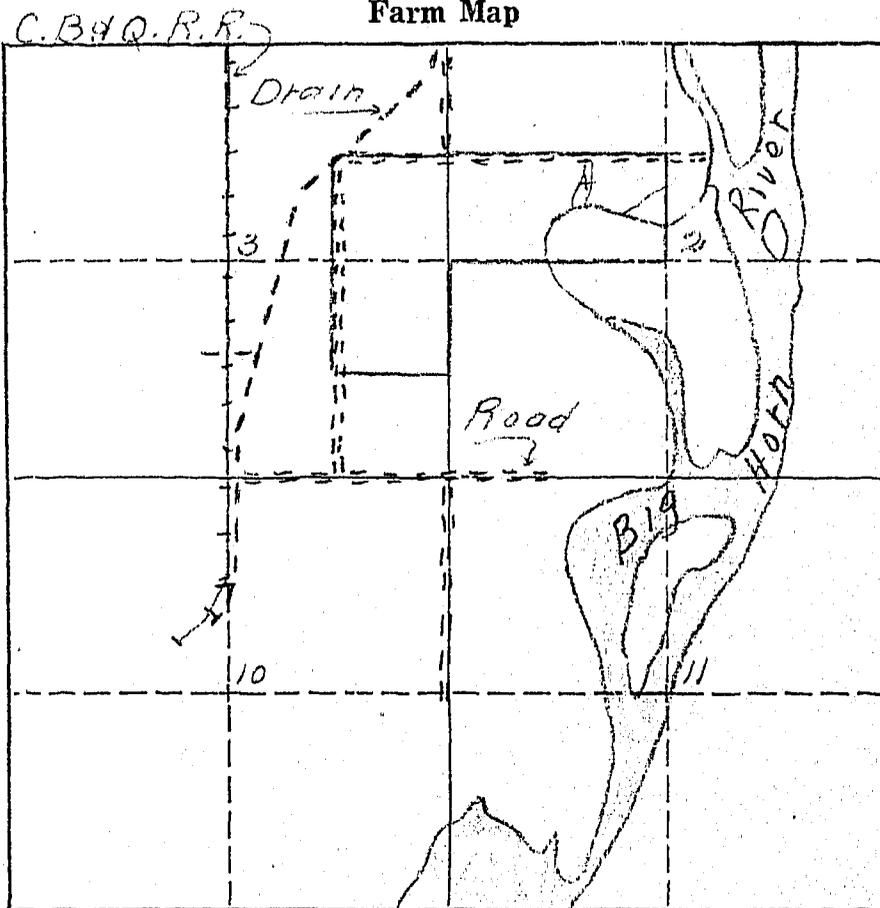
Twp. 1N Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E

Remarks

Farm Map



January 12, 1946

Mr. Andrew Kallen
Hardin, Montana

Dear Mr. Kallen:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Andrew Kallen

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

CJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According our our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

2-6
3-Dv.

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 328 County Big Horn Twp. 1 North Rng. 33 East

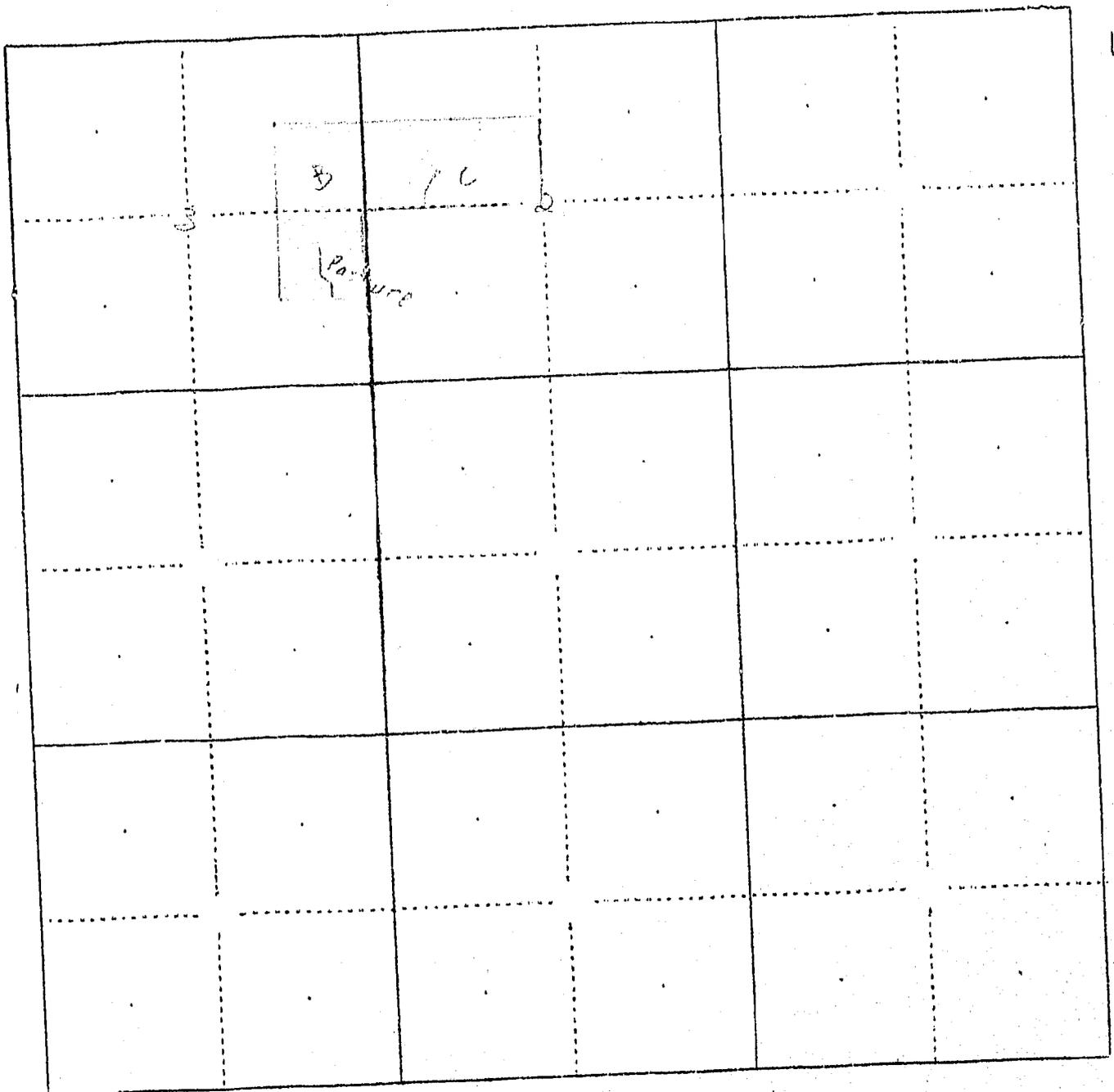
Name of Owner Big Horn County Address Walter Andrew Hardin Mont.

Name of Operator Walter Andrew Address _____

Total Number of Acres in Farm 100 Number of Acres Irrigated in 1940 100

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S²NW⁴, SE⁴NE⁴NE⁴SE⁴, 3-1N-33E



LC 64 (2)
80 (2)

Lowline



190
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-45

Code No. 32 A
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Kern, Lora Address Hardin, Montana
 Name of Operator Lackman, Jake Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Ditches - Two Seggin Water Users Assoc.
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. 80 Shares you hold 80
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... $\frac{1}{4}$ $\frac{1}{4}$ Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

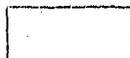
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 80 Date.....
12. How many acres did you irrigate in 1945? (Crop and pasture) 80
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. None This land is under what ditch? None
14. How many acres of seeped land do you have which could be drained and put into production?.....
15. What is the condition of your irrigation system?.....
16. Is your water supply adequate? Yes..... No..... Explain.....
17. REMARKS:.....

OVER

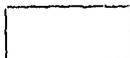
NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm..... NE¹/₄, Sec. 32 - Twp. 1 N., 33 E.

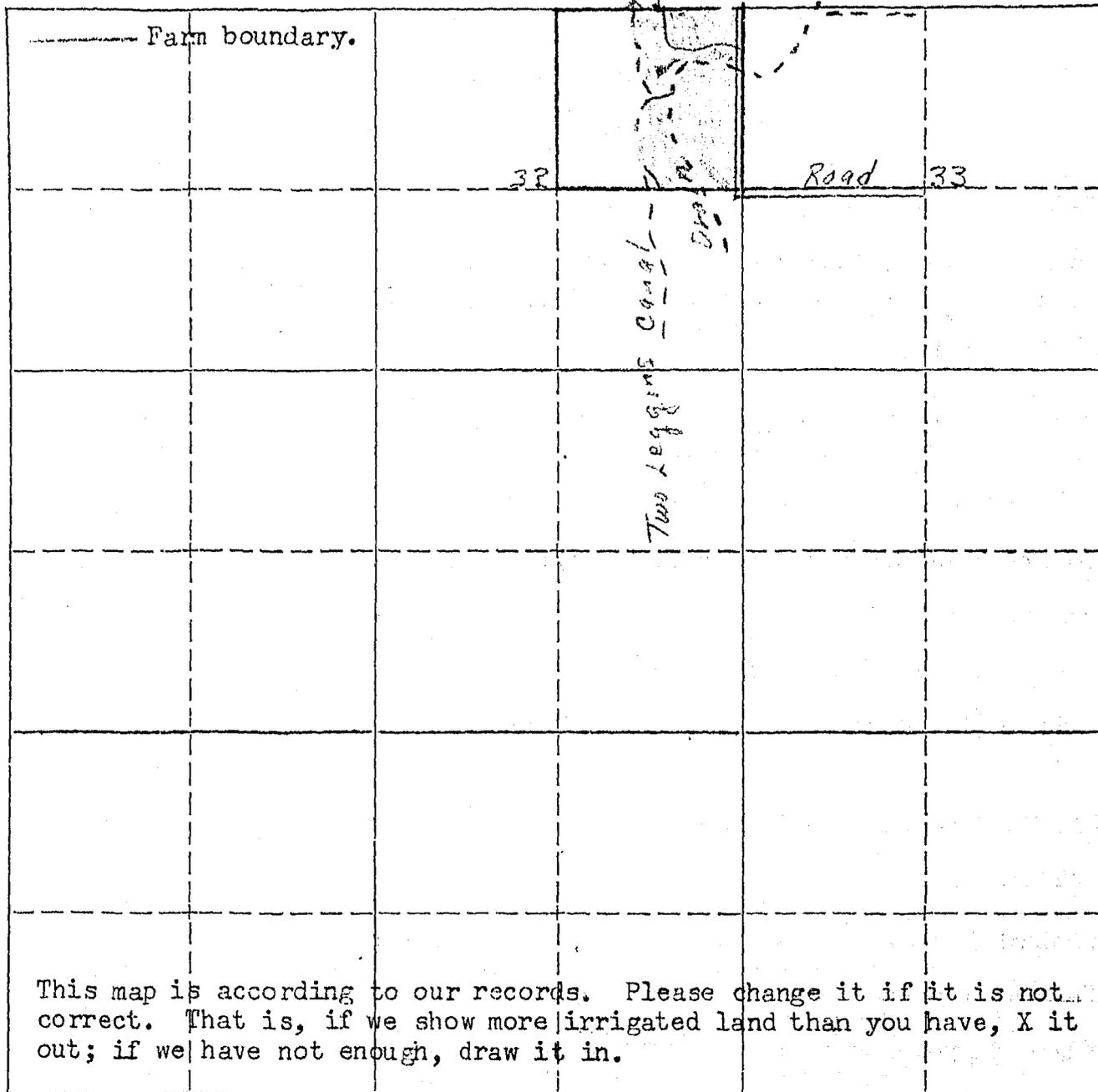


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin's Acres: 80

Ditch: _____ Acres: _____

Information supplied by:

Name: Lawrence C. Jones Address: Harden Mox Date: Jan 21 1946

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Legs AS W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion _____

Head-gate in S. E₄

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water-power.

7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.

Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N.E.

8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E

<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.

et al = R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 Directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 120

Owner Anderson, O.E. Address Hardin, Mont.

AAA Owner Anderson, O.E. Address Hardin, Mont.

Operator Lackman, Jace Address Hardin, Mont.

New Owner Kern, Lora Address Hardin, Mont.

New Operator _____ Address _____

Assessment Record NE 1/4 Sec. 32 1N 33E

Assessed Acreage 25.0

Legal Description of This Farm NE 1/4 Sec. 32 1N 33E

Total Acres in Farm 160.0

Code Number 32 A

Photo No. _____

AAA Contract No. 1121

AAA Total Cropland Acreage 61.2

App. No. 335-336-337-339-345

Decree No. _____

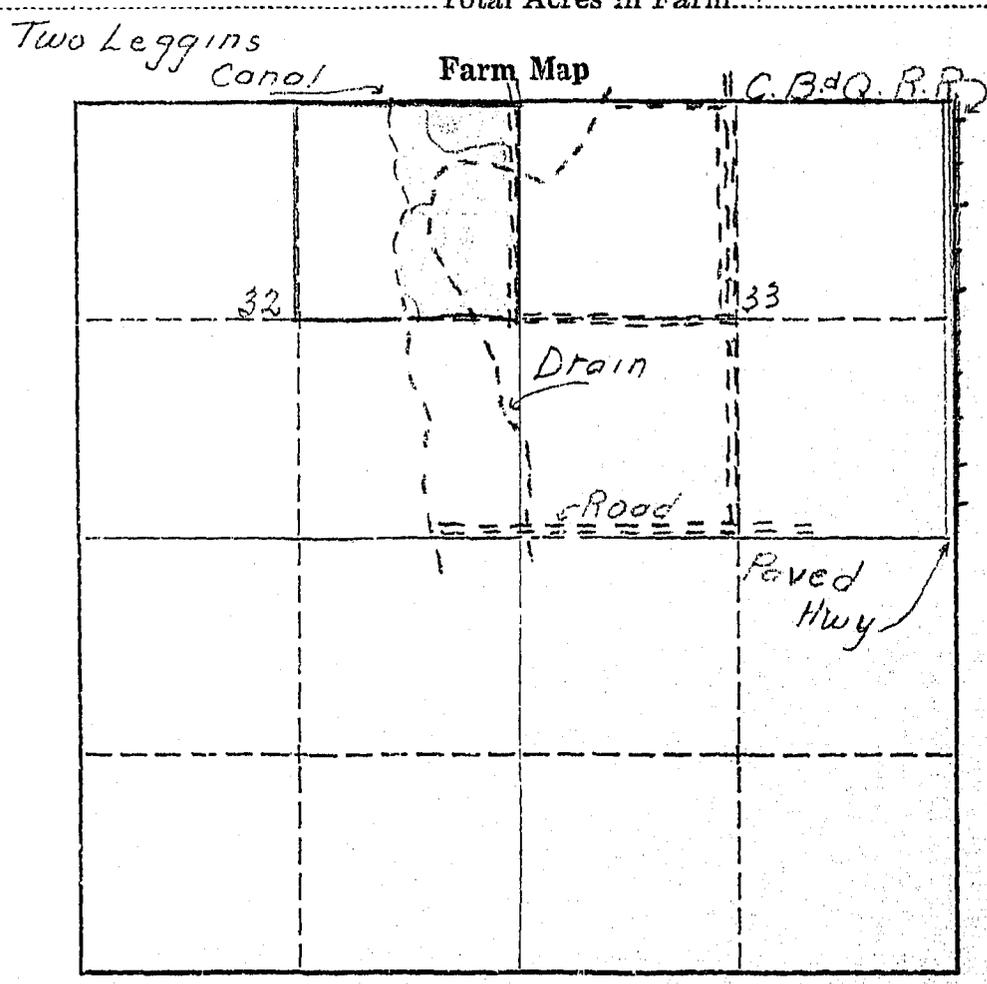
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 16 C
County Big Horn
T. 1. No. R. 35 E.

Name of Land Owner Kuhl, Jessie Mabel Address Cotton Falls, Kansas

Name of Operator Lachenmaier, John Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- Water is delivered by: Two Leggin Water Users Assn.
Name of Ditch, Ditch Company or District supplying water
- State the number of acres you irrigate under this system 78 Shares you hold 80
- If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- In what year was this land first irrigated? Date.....
- Give the name of the original appropriator (first user):
- Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- State the total number of acres irrigated under this system:.....
- Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

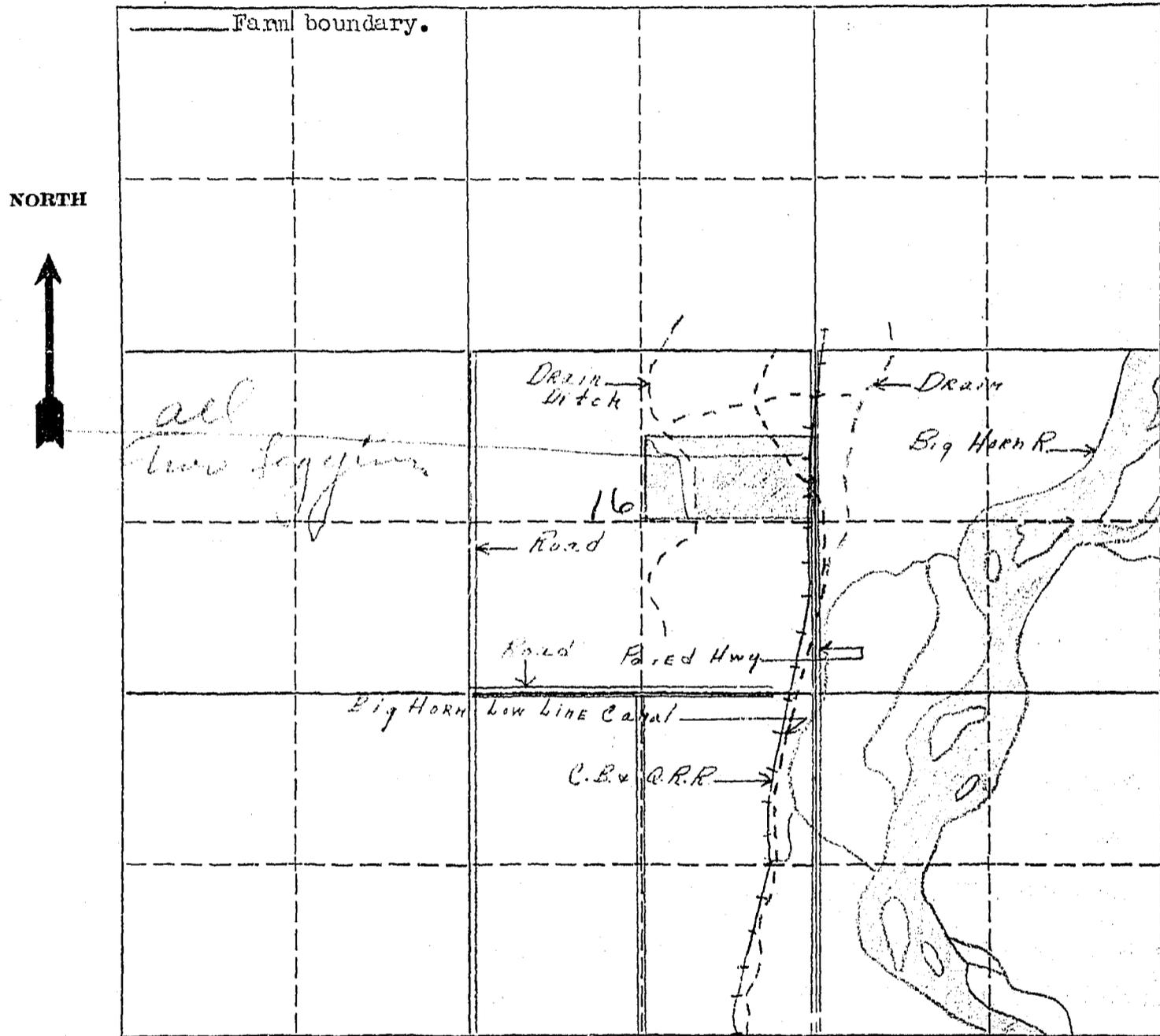
- Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- Water is obtained by: (Check one) Gravity Pumping..... Other.....
- What is the greatest number of acres you have irrigated? 78 Date.....
- How many acres did you irrigate in 1945? (Crop and pasture) 78
- State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc..... This land is under what ditch?
- How many acres of seeped land do you have which could be drained and put into production?.....
- What is the condition of your irrigation system? Good
- Is your water supply adequate? Yes No..... Explain.....
- REMARKS:.....

NOTE: The foregoing questions apply only to irrigated land shown on this plat

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... S. 16 N. 16. - Twp. 1 No., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Section Canal Acres: 78
Ditch: _____ Acres: _____

Information supplied by:
Name Field Check Address _____ Date Sept 5-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

Two Leggin W.U.A.

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J. E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 5/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 500
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E₄
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power.
- 7. Description of System Concrete head-gate with 5 gates 5 ft. wide 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N.E.
- 8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al- R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 188

Owner Kuhl, Jessie Mabel Address Cotton Falls, Kansas

AAA Owner " " M. Address _____

Operator Lichtenmaier, John Address Harold, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

This was sent to Operator but no form was returned with the others

Assessment Record S¹NE⁴ Sec. 16 1N. 33E.

Assessed Acreage 78.0

Legal Description of This Farm S¹NE⁴ Sec. 16 1N. 33E.

Total Acres in Farm 80

Code Number 160

Photo No. 243-79

AAA Contract No. 384

AAA Total Cropland Acreage 66.1

App. No. 335-336-337-339-345

Decree No. _____

Land is located in

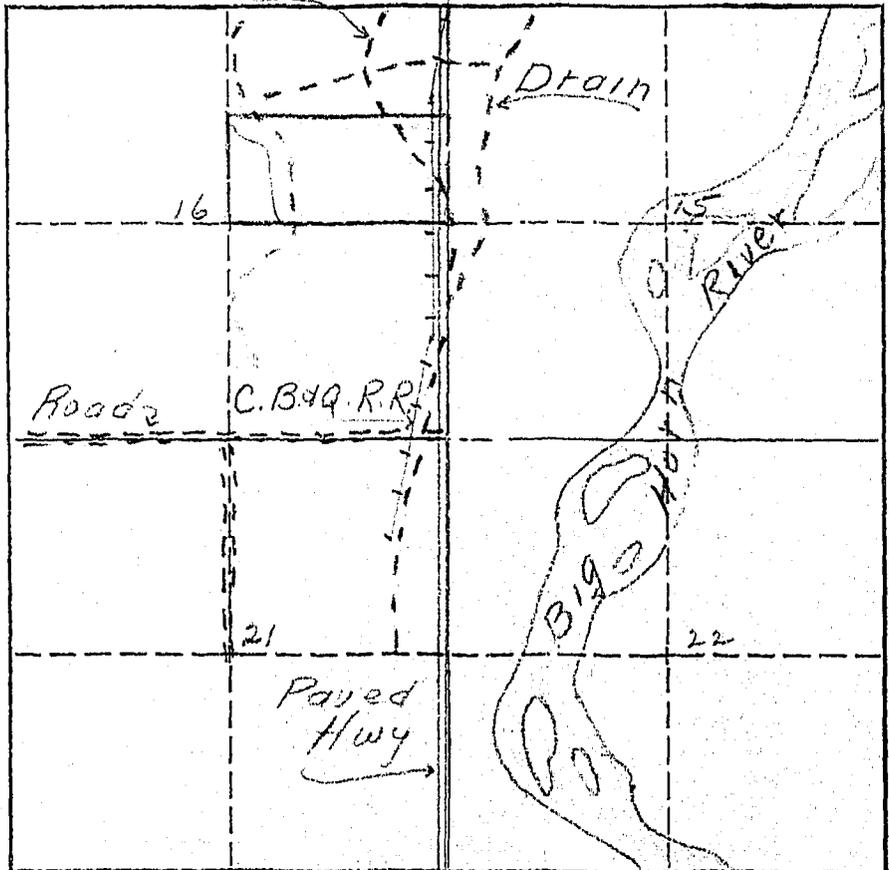
Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks Send to Operator.

Big Horn
Low Line Canal Farm Map



March 18, 1946

Mr. John Lachenmaier
Harlin, Montana

Dear Mr. Lachenmaier:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pw



FREDE E. BUCK, STATE ENGINEER
GERALD J. CRAVETZ, ASSISTANT

STATE OF MONTANA

STATE ENGINEER

BILLINGS, MONTANA

March 18, 1946

Mr. John Lachenmaier
Hardin, Montana

Dear Mr. Lachenmaier:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

Gerald J. Cravetz
/s/ Gerald J. Cravetz
Ass't State Engineer

GJO:pw *TM*

Hardin, Mont
3-23-176

P.S. I Rec. two letters
from you and I had, the
map O. K. and send them to
you with the stampet env.
so if you have not Rec. it
like to ~~it~~ do my part if you
will send me another map, but
the first one was alright.

Yours truly,
John Zachermaier.

177
188
180
195

March 26, 1946

Mr. John Lachenmaier
Hardin, Montana

Dear Mr. Lachenmaier:

On January 12, 1946 we sent you a letter containing three different forms showing land that you operate in Twp. 1 N., Rge. 33 E. On February 7 we received two of the forms, but the third one belonging to Jessie M. Kuhl was not with them.

We appreciate very much your interest and cooperation in returning these forms. A note was made at the time the other was received that one was missing. We are enclosing another form and if you will be kind enough to fill it out we will appreciate it very much.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:rm
Enclosure

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 384 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Wahl, Jessie Alabel Address Cottonwood Falls, Kans

Name of Operator Kern, Roy Address Hardin, Mont

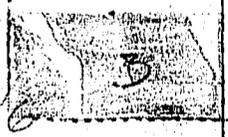
Total Number of Acres in Farm 80 Number of Acres Irrigated in 1940 58

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S⁷ NE⁴ 14-10-33E

LC 80

Twp. 1 North Rng. 33 East





176
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-58

Code No. 9 B

County Big Horn

T. 1 N. R. 33 E.

Name of Land Owner Lawler, Lula A. Address Hardin, Montana

Name of Operator Lawler, Lula A. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggins (Two Leggins Water Users Assoc)
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 0 Shares you hold —
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user) :
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

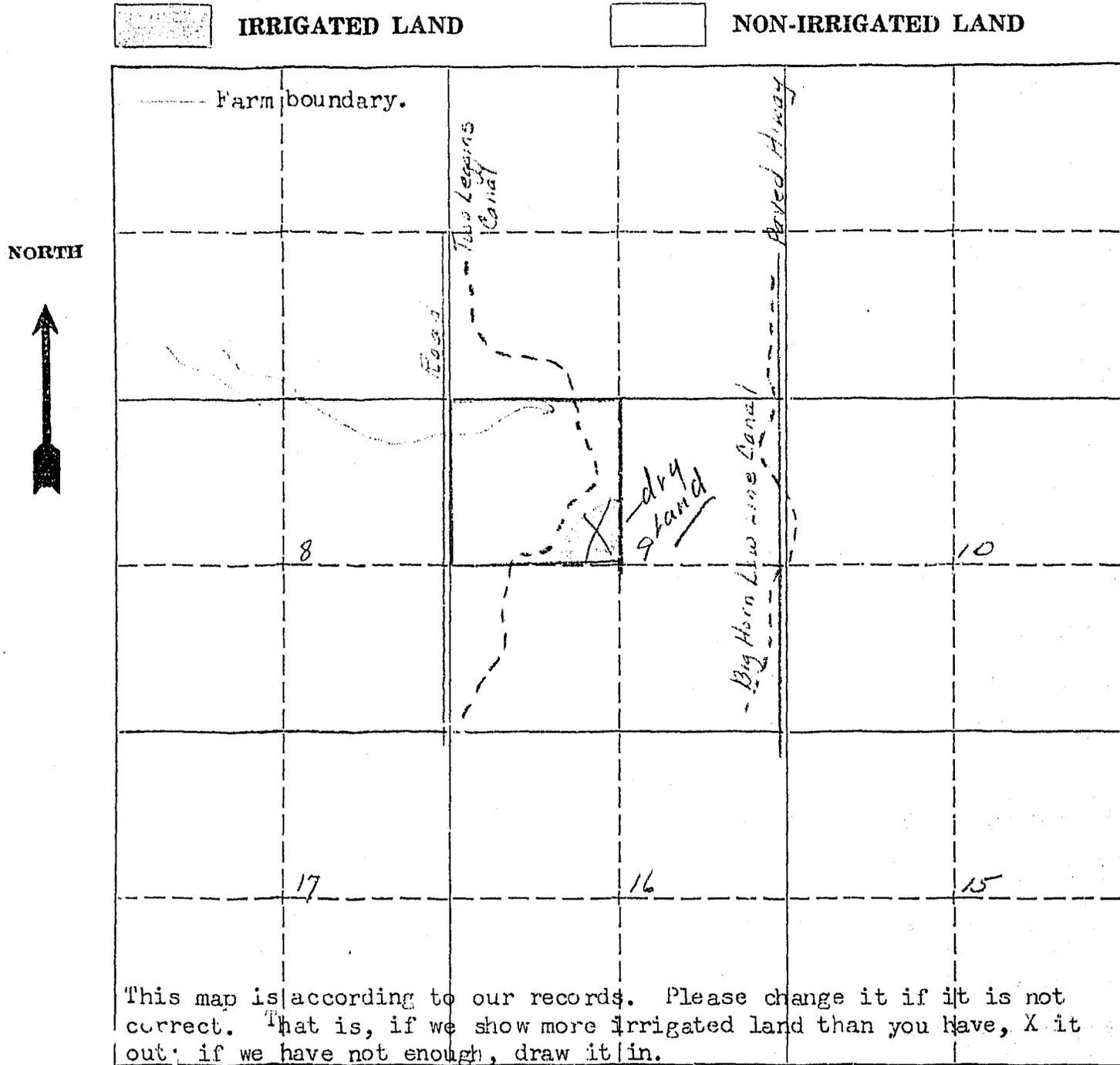
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity..... Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 0 Date.....
12. How many acres did you irrigate in 1945? (Crop and pasture) 0
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 18 This land is under what ditch? Two Leggins Ditch
14. How many acres of seeped land do you have which could be drained and put into production?.....
15. What is the condition of your irrigation system? poor
16. Is your water supply adequate? Yes No..... Explain.....
17. REMARKS: would have to be pumped.

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm NW¹/₄, Sec. 9 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: _____ Acres: 0

Ditch: _____ Acres: _____

Information supplied by:

Name see letter Address _____ Date Jan 17 1966

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Cut Bank Mont.

Jan 16 - 46

Mr. G. J. Cravety,

Billings Mont.

Dear Sir,

your letter and other
papers received.

I have no land that is irrigated.
The ditch does cut through
one corner of my place and
in order to irrigate it would
have to be pumped.

The land has never been used
only for pasture.

For further information see my
son-in-law at the Harriet Theatre
in Hardin, W. G. Wells.

he is taking care of my affairs
there at present.

Very truly
Julia A. Lawlor

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggs W.U.A.

Notice of Appropriation

1. County..... Book..... Page..... Record.....

2. Name of Appropriator **Big Horn** A 53 Address..... Misc.....

3. Date Appropriated **Edwards, J.E. et al** Date Filed **Yellowstone County, Mont.**

Amount Appropriated, Miners Inches **6/11/09** Cubic Feet per second **6/15/09**

4. Name of Stream..... Tributary..... Basin **600**

5. Point of Diversion **Big Horn River**

Sec..... Twp. **Head-gate in S.E. 1/4** Rge..... Bank of Stream.....

20 2 S 30 E

6. Purpose

7. Description of System **Irrigation, domestic and water-power**

Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.

Canal 35 ft. bottom, 51 ft. top 6 ft. deep runs N.E.

8. Land Description of Intended Place of Use.....

Twp.	R.	Rge.	Sec.
1	N	30	E
1	N	35	E
2	N	30	E
3	N	30	E
3	N	34	E

9. Remarks (Pertaining to Use, etc.).....

Selling and disposing of surplus water.

et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....

11. To Whom Decreed..... Address.....

12. Name of Ditch..... Maximum Capacity (C. F. S.).....

13. Date of Priority..... Purpose.....

14. Land Description of Place of Use as Decreed.....

15. Remarks (Present Use Status, etc.).....

January 12, 1946

Lula A. Lawler
Hardin, Montana

Dear Madam:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Lula A. Lawler

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P. S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

Ø On March 11, 1907, The Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. B. Edwards, R. E. Shepherd, C. W. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 176

Owner..... Address.....

AAA Owner Lawyer, John P. Address main part.

Operator..... Address.....

New Owner..... Address.....

New Operator..... Address.....

Assessment Record None

Assessed Acreage.....

Legal Description of This Farm NW 1/4 Sec 9, 1 N, 33 E.

Total Acres in Farm 160

Code Number 9B

Two Leggin
Canal Farm Map Big Horn
Low Line Canal

Photo No. 243-80

AAA Contract No. 8445

AAA Total Cropland Acreage 0

App. No. 335-336-337-339-345

Decree No.....

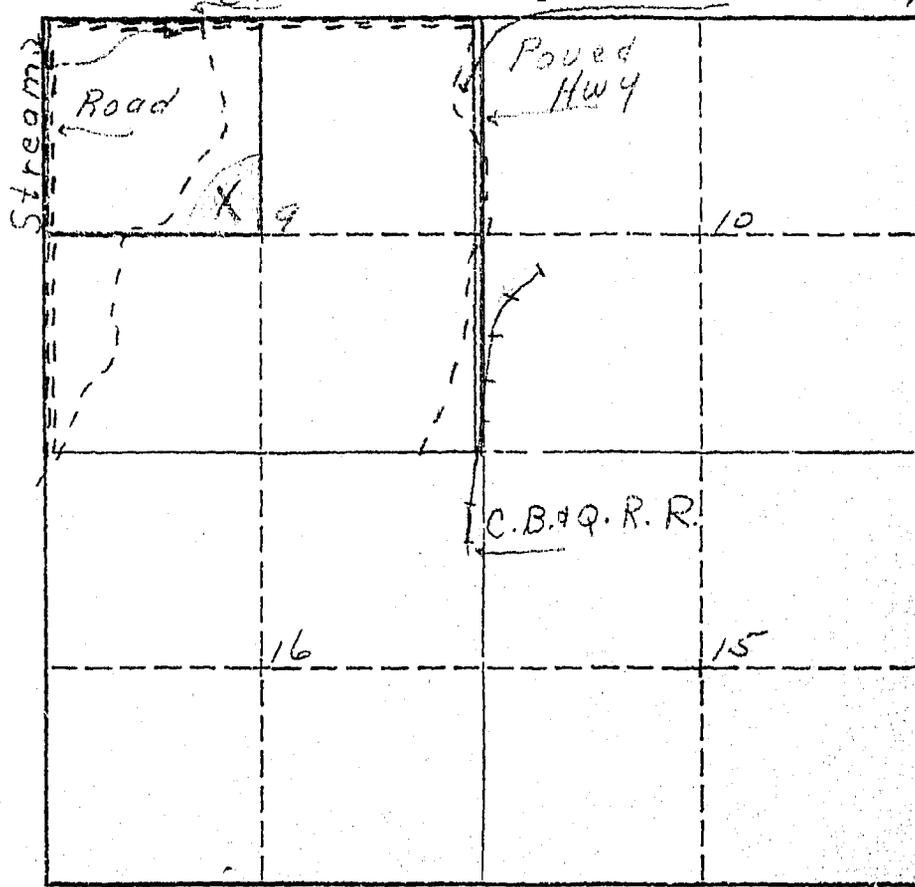
Land is located in

Twp. 1N Rge. 33E Twp..... Rge.....

Twp..... Rge..... Twp..... Rge.....

Filed in Twp. 1N Rge. 33E

Remarks.....



W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. _____ County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Lester, Lula A. Address _____

Name of Operator _____ Address _____

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 _____

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description NW 9-1N-33E

NOT in program. about 40 acres under ditch but not farmed

LC 41

E

9



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 16 B
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner McKay, Jean Address Roberts, Montana
Name of Operator Lind, Fred Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggin Water Users Ass.
Name of Ditch, Ditch Company or District supplying water
- 2. State the number of acres you irrigate under this system. 220.20 Shares you hold 320
- 3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date.....
- 5. Give the name of the original appropriator (first user):
- 6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- 7. State the total number of acres irrigated under this system:.....
- 8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- 10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
- 11. What is the greatest number of acres you have irrigated? 250 Date.....
- 12. How many acres did you irrigate in 1944? (Crop and pasture) about 200
- 13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 69 This land is under what ditch? same
- 14. How many acres of seeped land do you have which could be drained and put into production?.....
- 15. What is the condition of your irrigation system? Good
- 16. Is your water supply adequate? Yes No..... Explain no over
- 17. REMARKS: Thirty acres lie above ditch & could be pumped if land could produce crop to cover cost.

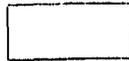
NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm W¹/₂, Sec. 16 - Twp. 1 N., Rge. 33 E.

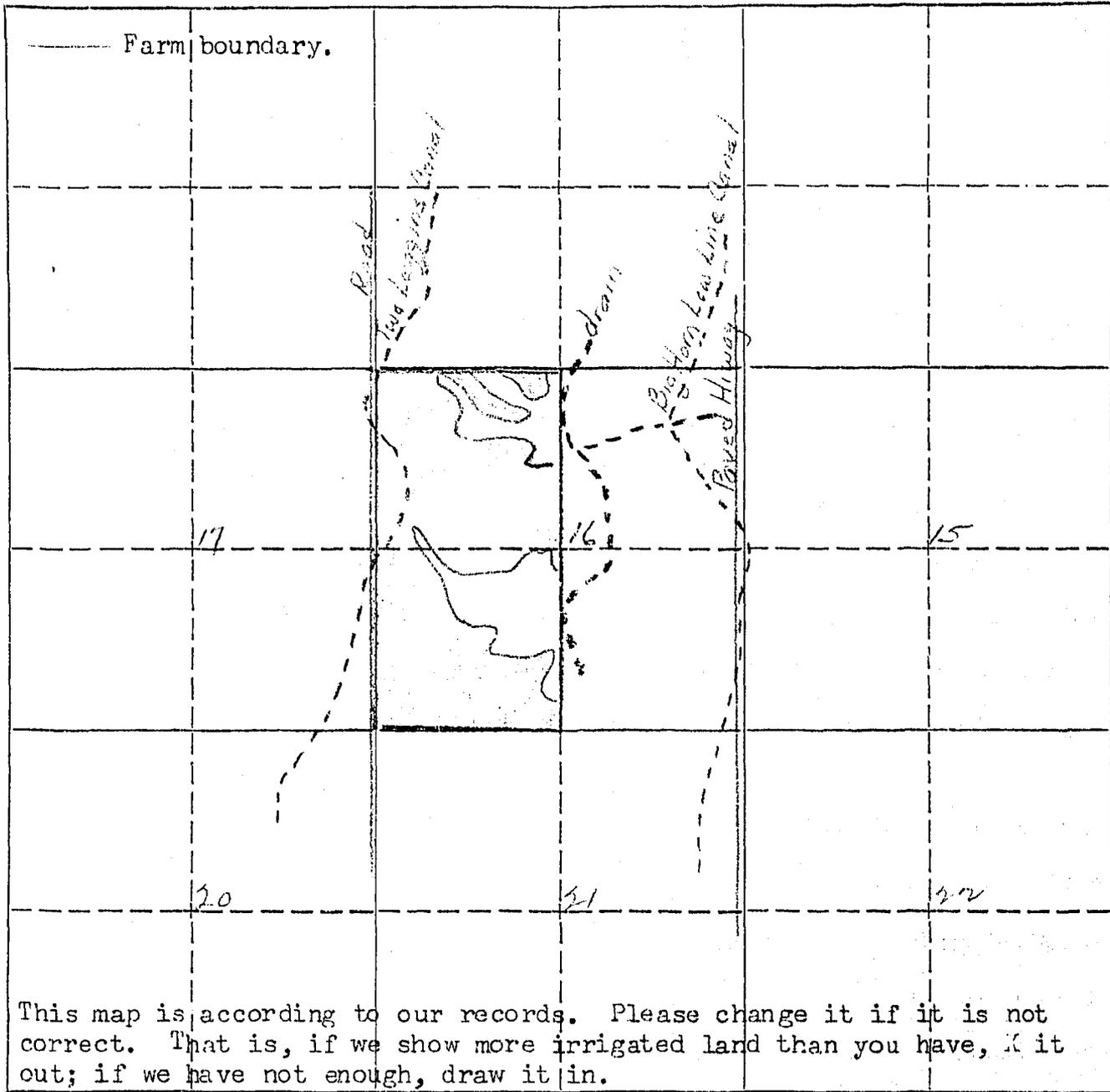


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Legging Canal Acres: 200

Ditch: _____ Acres: _____

Information supplied by:

Name Frank H. May Address Roberts Date Feb. 15

REMARKS: Tenant could give more accurate information as to exact acreage.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, T. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company, (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

Joan McKey

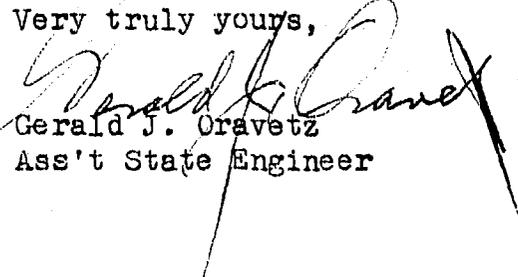
-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,


Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P. S. These forms are the property of the State of Montana and must be returned.

I expected to be in Billings & intended to drop in with papers but road conditions have been uncertain your information appears correct on the map.
Joan McKey

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

Two legs & W.U.A.

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches....., Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary..... Basin.....
- 5. Point of Diversion.....
Head-gate in S.E. 4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream.....
- 6. Purpose Irrigation, domestic and water power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top 6 ft. deep Runs N.E.
- 8. Land Description of Intended Place of Use Twp 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....
- 11. To Whom Decreed..... Address.....
- 12. Name of Ditch..... Maximum Capacity (C. F. S.).....
- 13. Date of Priority..... Purpose.....
- 14. Land Description of Place of Use as Decreed.....
- 15. Remarks (Present Use Status, etc.).....

January 12, 1946

Jean McKay
Roberts, Montana

Dear Madam:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Jean McKay

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P. S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hino, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 45, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 3, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company, (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

16-D

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 343 County Big Horn Twp. 1 North Rng. 3 East

Name of Owner M. Vay, Sr. & J. Address Roberts, Mont.

Name of Operator David Vay Address Roberts, Mont.

Total Number of Acres in Farm 320 Number of Acres Irrigated in 1940 259

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description T. 16 N., R. 3 E., S. 34

LC 309



7-1-40

February 15, 1946

Jean McKay
Roberts, Montana

Dear Madam:

On January 13, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

As date we have not heard from you. With the vast water development program being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 189

Owner M. Kay, Tom Address Revere, Mont

AAA Owner " Address "

Operator Lind, Fred Address Horrida, Mont

New Owner " Address "

New Operator " Address "

Assessment Record W⁴ Sec. 16 1 N. 33 E

Assessed Acreage 200.0

Legal Description of This Farm W⁴ Sec. 16 1 N. 33 E

Total Acres in Farm 300.0

Code Number 16 B

Photo No. 243-79

AAA Contract No. 213

AAA Total Cropland Acreage 258.6

App. No. 325-326-327-328-329-330

Decree No. "

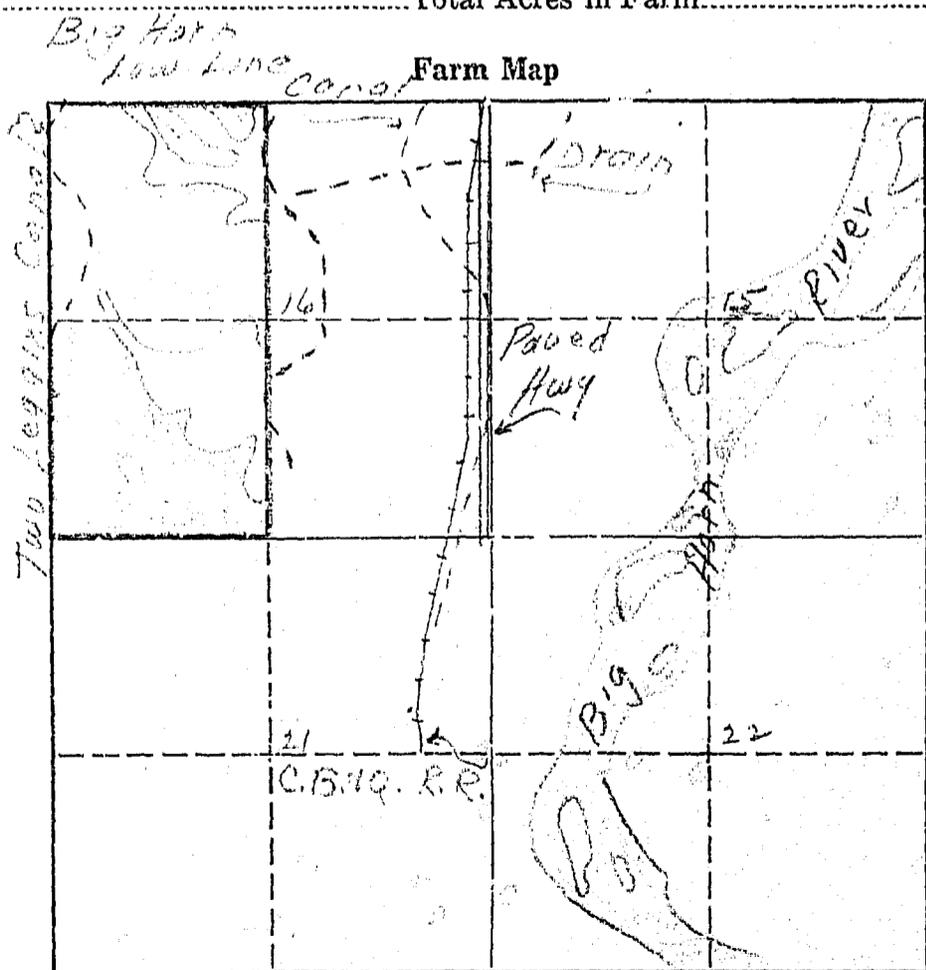
Land is located in

Twp. 1 N Rge. 33 E Twp. " Rge. "

Twp. " Rge. " Twp. " Rge. "

Filed in Twp. 1 N Rge. 33 E

Remarks "





173
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1--10M 8-45
 Code No. 4 E
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner McKittrick, Raymond & Big Horn address Hardin, Montana
 Co. _____
 Name of Operator McKittrick, Raymond A. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: Two Leggin's Water Users Association
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. 152 Shares you hold 102
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date _____
5. Give the name of the original appropriator (first user): _____
6. Give the date appropriated _____ Amount filed on: Miners Inches _____ C. F. S. _____
7. State the total number of acres irrigated under this system: _____
8. Give the point of diversion: _____ $\frac{1}{4}$ Section _____ Township _____ Range _____

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

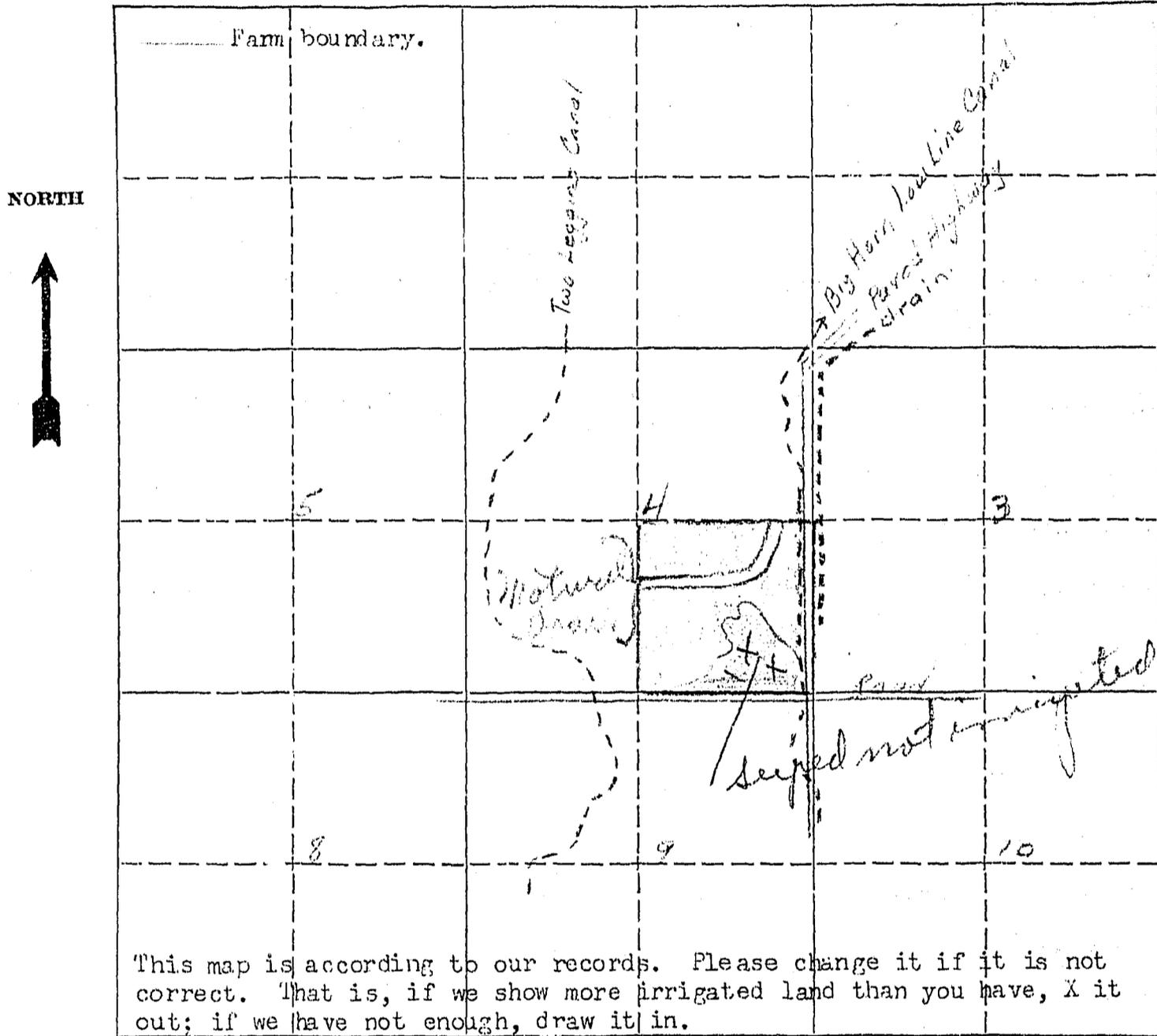
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping _____ Other _____
11. What is the greatest number of acres you have irrigated? 152 Date 1938
12. How many acres did you irrigate in 1945? (Crop and pasture) 130 acres
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 2 acres This land is under what ditch? Two Leggin's
14. How many acres of seeped land do you have which could be drained and put into production? 40 a.
15. What is the condition of your irrigation system? In good repair
16. Is your water supply adequate? Yes No _____ Explain _____
17. REMARKS: Have dropped the seeped figure to 20 a as there are only 160 acres in the farms. 40 acres seeped but some of wet land cropped.

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SE 1/4, Sec. 4 - Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leagues Acres: 130

Ditch: _____ Acres: _____

Information supplied by:

Name Raymond M. Kistner Address Hardin Date Jan 25 1946

REMARKS: There about 110 acres to be drained before
it will produce a paying crop

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

According to our records the following notices of appropriations were filed on and cover your 1 1.

No On August 6, 1906, Roy McKin, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

No On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

No On March 11, 1907, The Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

yes On June 15, 1909, J. E. Edwards, R. B. Shepherd, C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

yes On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

The one marked no there is no Record that shows they are in use

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins

W.U.A.

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
- Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____

Head-gate in S E 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

- 6. Purpose Irrigation, domestic and water power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N E.

- 8. Land Description of Intended Place of Use

Twp. <u>2 S</u>	Rge. <u>33 E</u>
<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>

- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al R.E. Shepherd, C.W. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 173

Owner M^r Kittick, Raymond & Barbara Co. ^{90 County Clerk,} Address Hardin, Mont.

AAA Owner same Address _____

Operator M^r Kittick, Raymond H. Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record W²SE⁴, Sec. 4 1 No. 33E. M^r Kittick

E²SE⁴, Sec. 4 1 No. 33E. Barbara Co.

Assessed Acreage 80 } 156.0
76 }

Legal Description of This Farm SE⁴, Sec. 4 - 1 No. 33E

Total Acres in Farm 160.0

Code Number 4 E

Photo No. 243-81

AAA Contract No. 346

AAA Total Cropland Acreage 107.5

App. No. 335-336-337-339-345

Decree No. _____

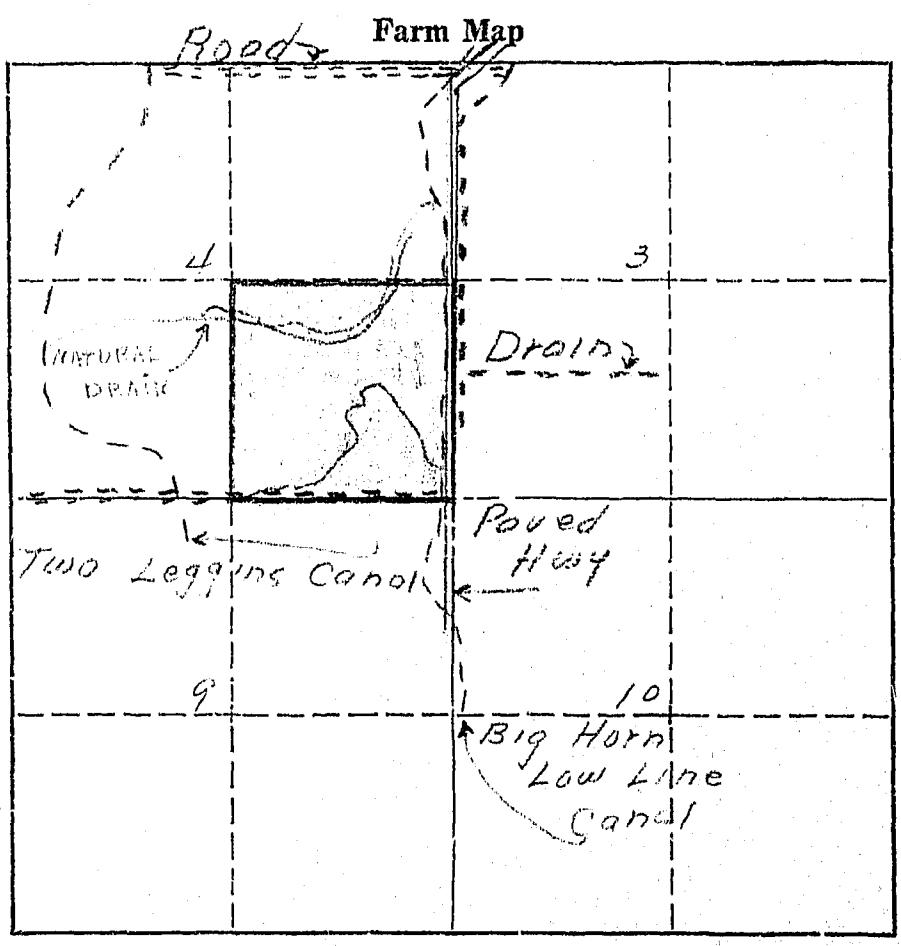
Land is located in

Twp. 1N. Rge. 3E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N. Rge. 33E.

Remarks sent to M^r Kittick.



January 12, 1946

Raymond A. McKittrick
Hardin, Montana

Dear Mr. McKittrick:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. McKittrick

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

Ø On March 11, 1907, The Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 346 County Big Horn Twp. 1 North Rng. 33 East
McKittick Raymond

Name of Owner Adler Henry Address Hardin Plant

Name of Operator McKittick Raymond Address _____

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 103 *2 Reg 94
Low Reg 9
103*

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description SE 1/4, A-1 N-33 E

*2 Reg 151
Low Reg 9
LC 160*

*Two Reg 151
Low Reg 9*

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 164

Owner Mead, Lillie B Address 5705 U. St. Little Rock, Ark.

AAA Owner " " Address " "

Operator Dumler, Ted Address Hardin, Mont.

New Owner " " Address " "

New Operator " " Address " "

Assessment Record lots 3 & 4 - Sec. 4 - 1N. 33E

Assessed Acreage 39.0

Legal Description of This Farm N¹/₄ NW⁴, Sec. 4 - 1N. 33E

Total Acres in Farm 80.0

Code Number 4 B

Photo No. 243-81

AAA Contract No. 295

AAA Total Cropland Acreage 75.2

App. No. 335-336-337-339-345

Decree No. " "

Land is located in

Twp. 1N Rge. 33 Twp. 2N Rge. 33

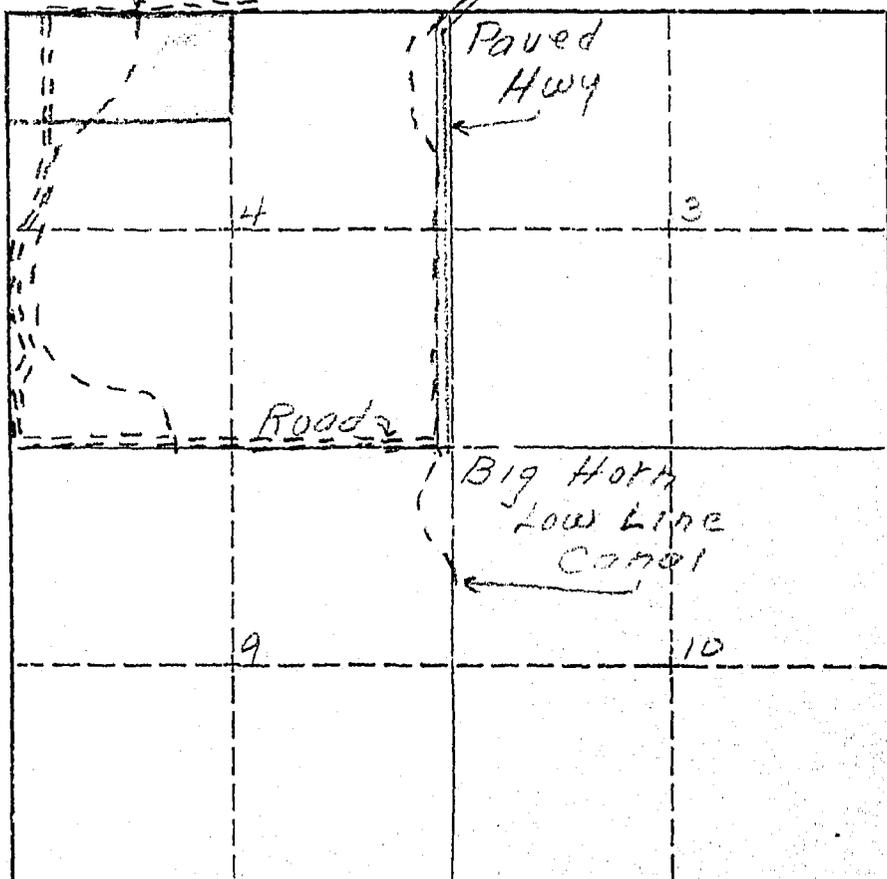
Twp. " " Rge. " " Twp. " " Rge. " "

Filed in Twp. 1N Rge. 33E

Remarks Send to Operator

Two Leggings Canal

Farm Map



On October 23, 1907, A. L. Mitchell, appropriated 10,000 miner's inches of water from the Big Horn River. Filing was made November 2, 1907, and recorded in Book A, page 27 of Misc. records in the Big Horn County Courthouse.

In addition to the above appropriation, a filing was made by Minor E. Bowman on May 27, 1907 for 250 cubic feet per second of water from the Big Horn River. Notice of Appropriation was filed June 11, 1907 in Book A, page 23 of Misc. Records.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins

W.U.A.

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N.E.
- 8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al- P.E. Shepard, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 33 F
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Moos August Address Hardin, Montana

Name of Operator Moos August Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggin Ditch (Two Leggin Water User Assoc)
2. State the number of acres you irrigate under this system: 40 39 Shares you hold: none
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system: 40
8. Give the point of diversion: N.W. 1/4 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Stream Big Horn River
10. Water is obtained by: (Check one) Gravity X Pumping Other
11. What is the greatest number of acres you have irrigated? 40 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 39
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. none This land is under what ditch? Two Leggin
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? good
16. Is your water supply adequate? Yes X No Explain
17. REMARKS:

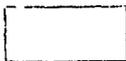
NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SE 1/4 Sec. 33 - Twp. 1 N., Rge. 33 E.

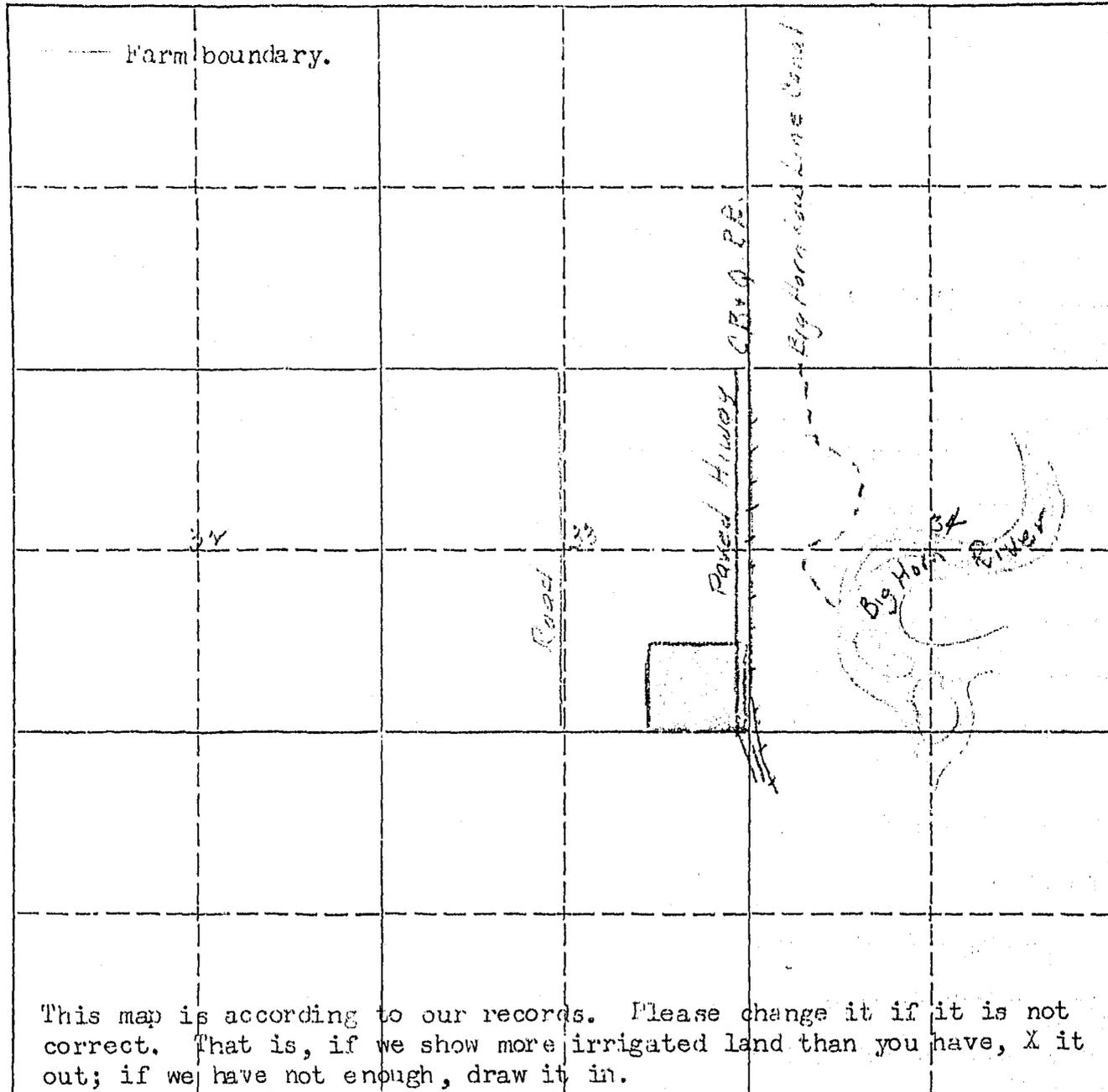


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggers Ditch Acres: 39

Ditch: _____ Acres: _____

Information supplied by:

Name August Maden Tysman Address _____ Date 3-14-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE Two Leggins W.U.A.
Water Resources Survey

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al. Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33 ft. bottom, 51 ft. top 6 ft. deep. Runs N E.
- 8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shaphard, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____

- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 203

Owner Mrs. August Address Hardin, Mont.

AAA Owner " " Address " "

Operator " " Address " "

New Owner " " Address " "

New Operator " " Address " "

Assessment Record SESE, Sec. 33 - 1N 33E

Assessed Acreage 0

Legal Description of This Farm SESE, Sec. 33 - 1N 33E

Total Acres in Farm 40.0

Code Number 33F

Photo No. 213-76

AAA Contract No. 1185

AAA Total Cropland Acreage 33.0

App. No. 335-336-337-338-339

Decree No. _____

Land is located in

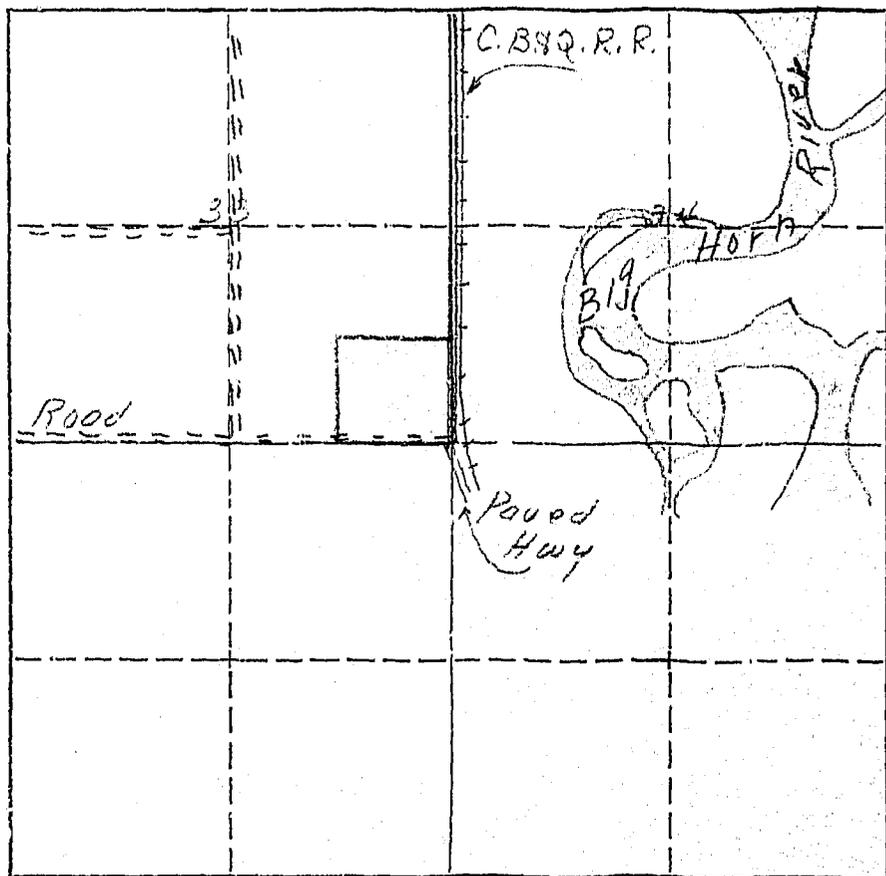
Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1N Rge. 33E

Remarks _____

Farm Map



January 12, 1946

August Moos
Hardin, Montana

Dear Mr. Moos:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. August Moos

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew, filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

Ø On March 11, 1907, The Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. W. Edwards, R. E. Shepherd, C. W. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

February 15, 1946

August Meos
Hardin, Montana

Dear Mr. Meos:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1175 County Big Horn Twp. North Rng. 33E

Name of Owner Will, Ed. Address Hardin, Mont.

Name of Operator Keller, Ed. Address " "

Total Number of Acres in Farm 200 Number of Acres Irrigated in 1940 33

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description SE 1/4, 33-14-33E

LC 40

33





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 10 B

County Big Horn

T. 1. No. R. 33 E.

Name of Land Owner Mosby, H. E. Address Sheridan, Wyoming

Name of Operator Wagner, Gottfried Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

1. Water is delivered by: Big Horn Ditch
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 128.6 Shares you hold 150
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: $\frac{1}{4}$ $\frac{1}{4}$ Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn Ditch
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 128.6 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 128.6
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 100 This land is under what ditch? Big Horn Ditch
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

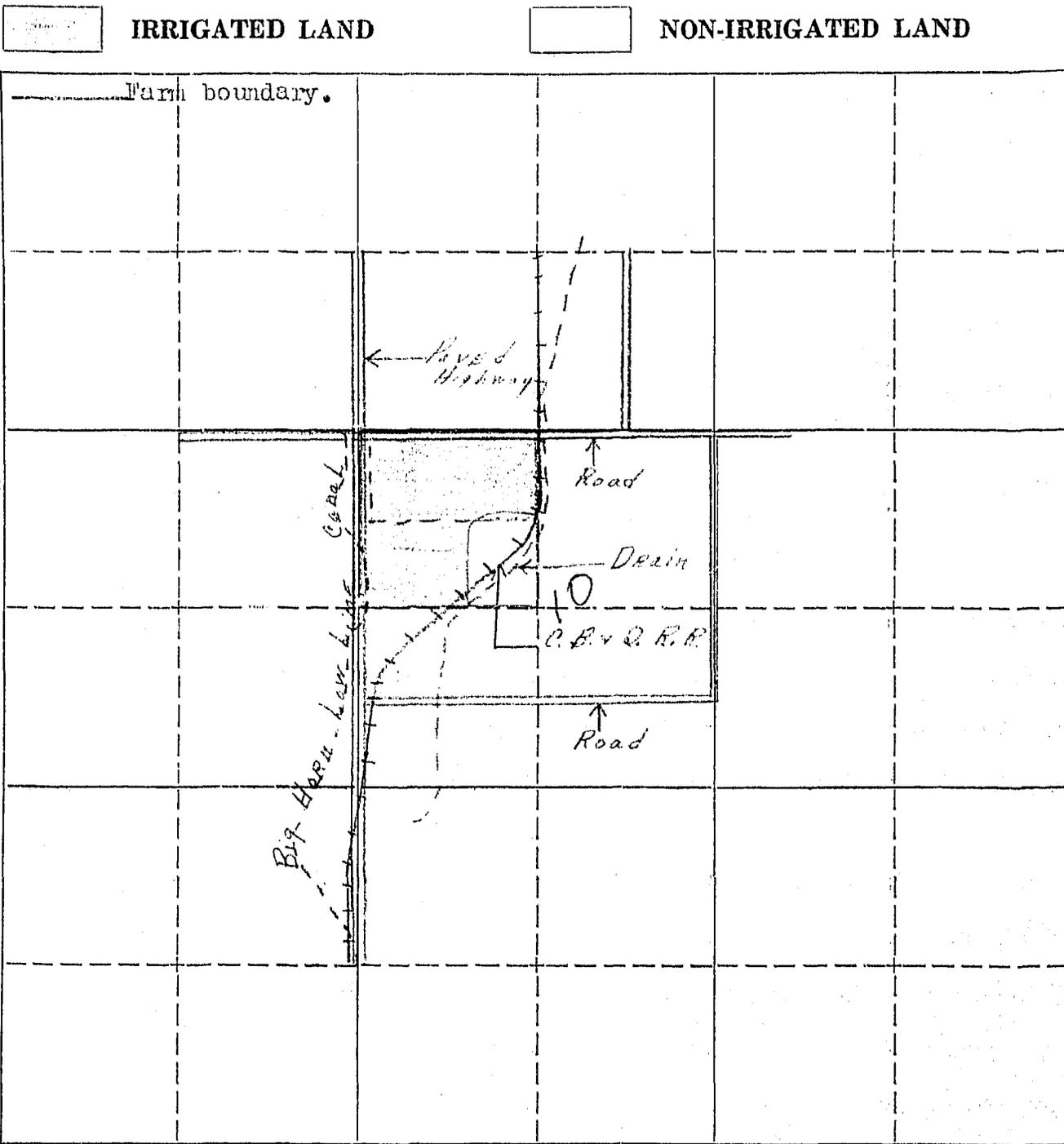
Part of 2 E. corner near Railroad
not irrigated but potential

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm NW, Sec. 10 - Twp. 1 No., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Horn Irrigation Canal Acres: 128.6

Ditch: _____ Acres: _____

Information supplied by:

Name Field Check Address _____ Date Sept-5-46

REMARKS: Water Company data

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Mr. Wagner

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

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Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

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January 12, 1946

Gottfried Wagner
Hardin, Montana

Dear Mr. Wagner:

Ref: Irrigated land and water rights
in Big Horn County

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On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, C. M. Bair (Two Loggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 346 County Big Horn Twp. 1 North Rng. 33 East

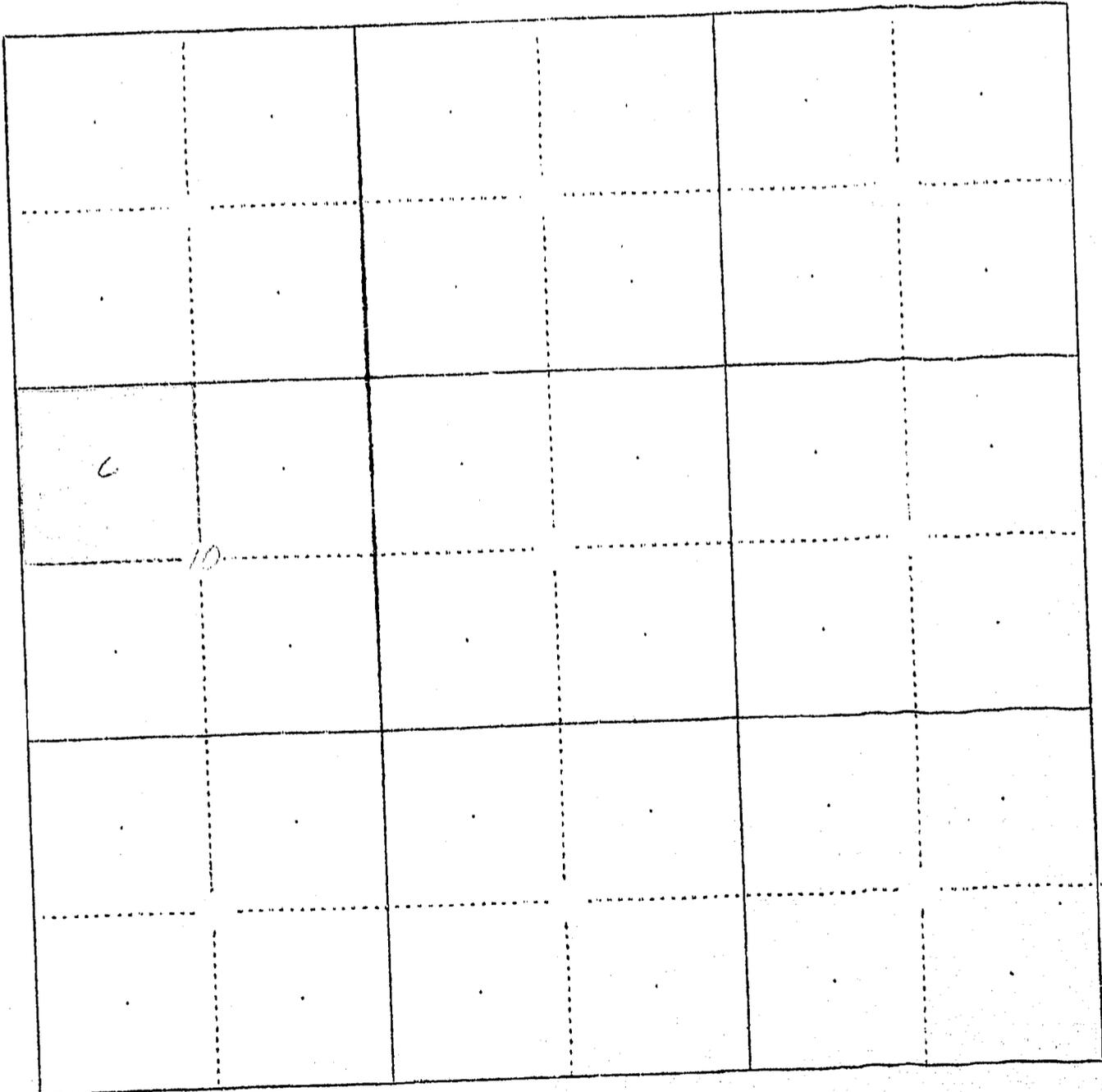
Name of Owner Mosby H.F. Address Sheridan, Wyo.

Name of Operator Loeber, Mrs. Address Hardin Mont.

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 129

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description NW 1/4 10-1N-33E



Lc 160

Low line

February 15, 1946

Gottfried Wagner
Hardin, Montana

Dear Mr. Wagner:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Gravetz
Ass't State Engineer

GJO:ef

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 18, 1946

Mr. Gottfried Wagner
Harwin, Montana

Dear Mr. Wagner:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pw

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 180

Owner Masby, H.E. Address Sheridan Wyo

AAA Owner _____ Address _____

Operator Wagner Gaffries Address Hardin Mont

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record NW 1/4 Sec 10 - 1 N. 33 E

Assessed Acreage 160.0

Legal Description of This Farm NW 1/4 Sec 10 1 N. 33 E

Total Acres in Farm 160.0

Code Number 10 B-

Photo No. _____

AAA Contract No. 340

AAA Total Cropland Acreage 125.6

App. No. 335-336-337-339-345

Decree No. _____

Land is located in

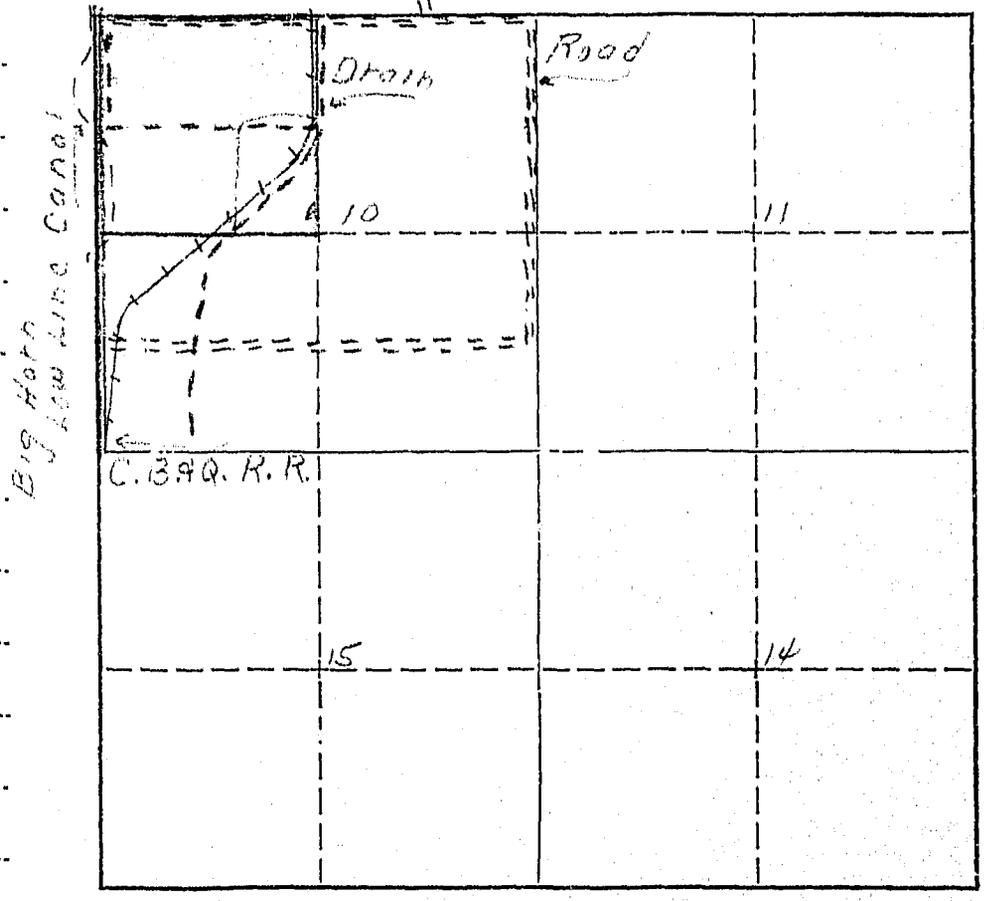
Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks Send to Operator

Farm Map





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 16 D
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Mosby, H. H. Address Sheridan, Wyoming
Name of Operator Lachenmaier, John Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggon (Two Leggon Water Users Assoc)
2. State the number of acres you irrigate under this system: 160 151 Shares you hold: 160
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user):
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn
10. Water is obtained by: (Check one) Gravity yes Pumping no Other no
11. What is the greatest number of acres you have irrigated? 160 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 160 151
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? fair
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

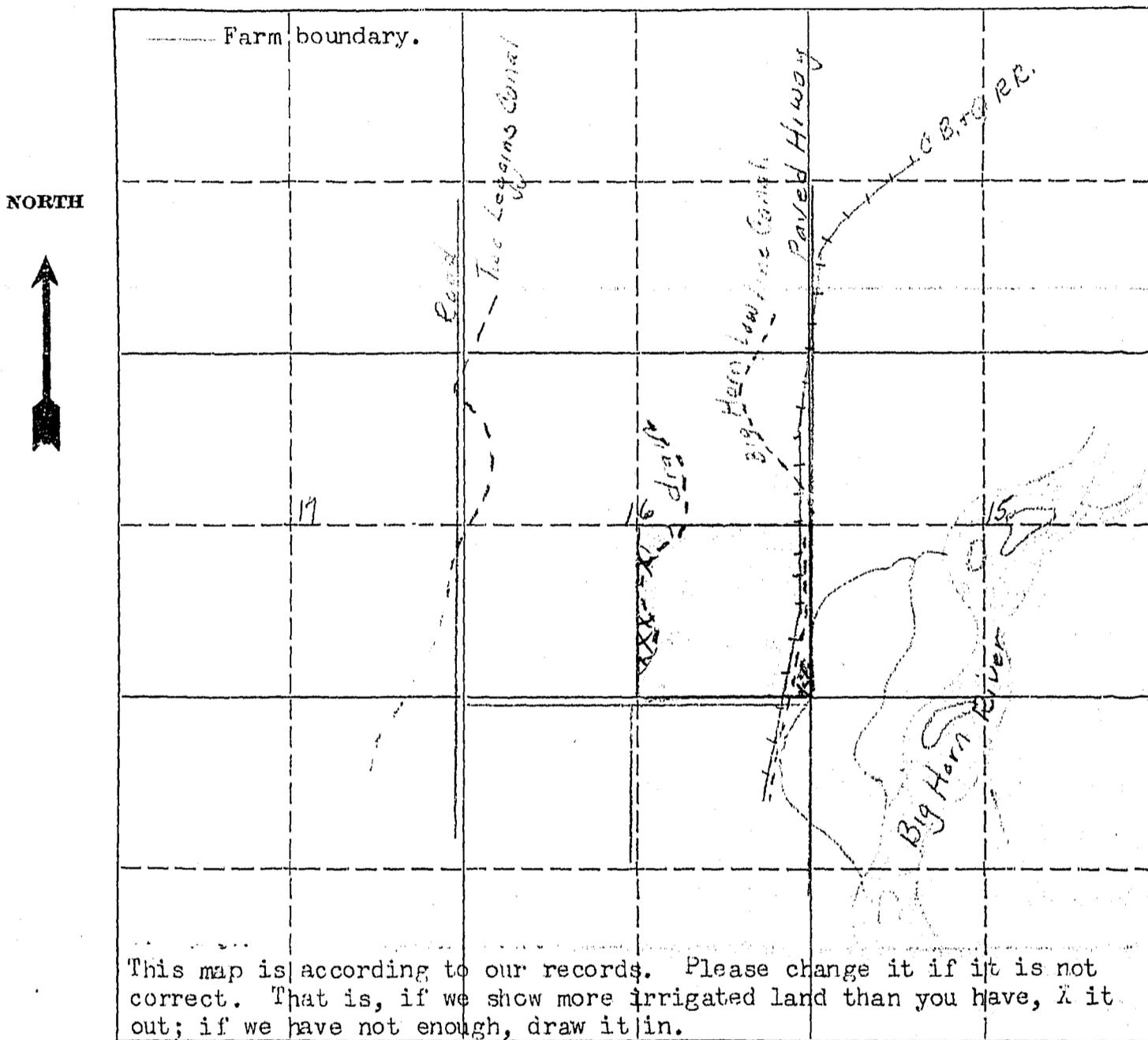
160 acres less drains and etc = 151 acres

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm SE 1/4, Sec. 16 - T. 1 N., R. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Logans Acres: 15.0

Ditch: _____ Acres: _____

Information supplied by:

Name: John Lachemmer Address: Hardin Date: 2-25-1946

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 180

Owner Mosby, H.E. Address Sheldon, Wyo.

AAA Owner Mosby, H.E. Address _____

Operator Lachenmaier, John Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record SE^{1/4}, Sec. 16 1 N. 33 E.

Assessed Acreage 151.0

Legal Description of This Farm SE^{1/4}, Sec. 16 - 1 N. 33 E.

Total Acres in Farm 160.0

Code Number 16 D

Big Horn
New Line Canal Farm Map

Photo No. 243-79

AAA Contract No. 326

AAA Total Cropland Acreage 128.9

App. No. 335-336-337-339-345

Decree No. _____

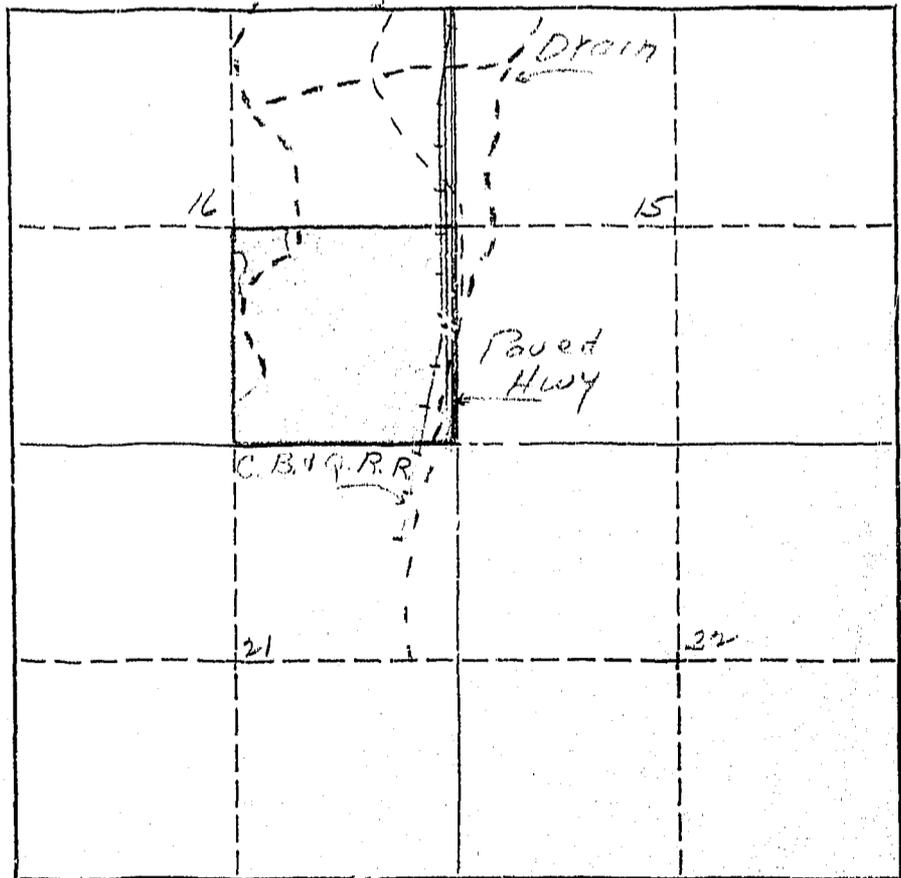
Land is located in

Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks Send to Operator



STATE ENGINEERS OFFICE
Water Resources Survey

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S. E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N E.
- 8. Land Description of Intended Place of Use _____

Twp. <u>2 S</u>	Rge. <u>33 E</u>
<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Fair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

February 15, 1946

John Lachenmaier
Hardin, Montana

Dear Mr. Lachenmaier:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Asst State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

January 12, 1946

Mr. John Lachenmaier
Hardin, Montana

Dear Mr. Lachenmaier:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. John Lachenmaier

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

CJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company, (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 326 County Dugway Twp. 1st Rng. 38 East

Name of Owner Mosby, H.E. Address Sheridan, Wyo

Name of Operator Young, H.D. Address Sheridan, Wyo

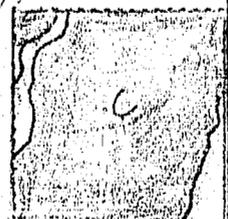
Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 129

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description SE 1/4 16-17-38E

LC 158

Two 1/4's





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 33 E, 34 B
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Ottun, Nils Address Hardin, Montana
Name of Operator Ottun, Nils Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Heggins Water Users Ass'n
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 65.8 Shares you hold 78
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date May 22, 1909
5. Give the name of the original appropriator (first user): R. E. Shepard, J. E. Edwards & C. M. Bain
6. Give the date appropriated Amount filed on: Miners Inches C. F. S. 600
7. State the total number of acres irrigated under this system: 86.85
8. Give the point of diversion: SE 1/4 SE 1/4 Section 20 Township 25N Range 33E.

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity [checked] Pumping Other
11. What is the greatest number of acres you have irrigated? 86.85 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 86.85 65.8
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch? Same
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes [checked] No Explain Except during low water season
17. REMARKS:

86.85 less railroad side - 65.8

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm NESE 1/4, Sec. 33 - lot 7, Sec. 34 - Twp. 1 N., Rge. 33 E.

<input checked="" type="checkbox"/>	IRRIGATED LAND	<input type="checkbox"/>	NON-IRRIGATED LAND
-------------------------------------	----------------	--------------------------	--------------------

North arrow pointing up.

Farm boundary.

32 33

Raised Highway

Big Horn Canal

Big Horn River

NI

34

This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Diggins Acres: 63.8

Ditch: _____ Acres: _____

Information supplied by:

Name Two Diggins Water Users Ass'n Address Hardin, Mont Date 2/23/46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey
Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al. Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____
Head-gate in S E 1/4
Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____
- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep
Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N-E.
- 8. Land Description of Intended Place of Use _____
Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E
- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E. Shepherd, C.M. Bair and J.E. Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

January 12, 1946

Mr. Nils Ottun
Hardin, Montana

Dear Mr. Ottun:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

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We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Nils Ottun

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Cravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

February 15, 1946

Hils Ottun
Hardin, Montana

Dear Mr. Ottun:

On January 18, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:kk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 202

Owner Ottum, Mils Address Harden Mant

AAA Owner " " Address " "

Operator " " Address " "

New Owner " " Address " "

New Operator " " Address " "

Assessment Record NESE⁴, Sec. 33-107, 100 2154

Assessed Acreage 60.0

Legal Description of This Farm NESE⁴, Sec. 33-107- Sec. 34-1N-33E

Total Acres in Farm 80.0

Code Number 33E-34B-

Farm Map

Photo No. 243-76

AAA Contract No. 443

AAA Total Cropland Acreage 65.8

App. No. 335-336-337-339-345

Decree No. _____

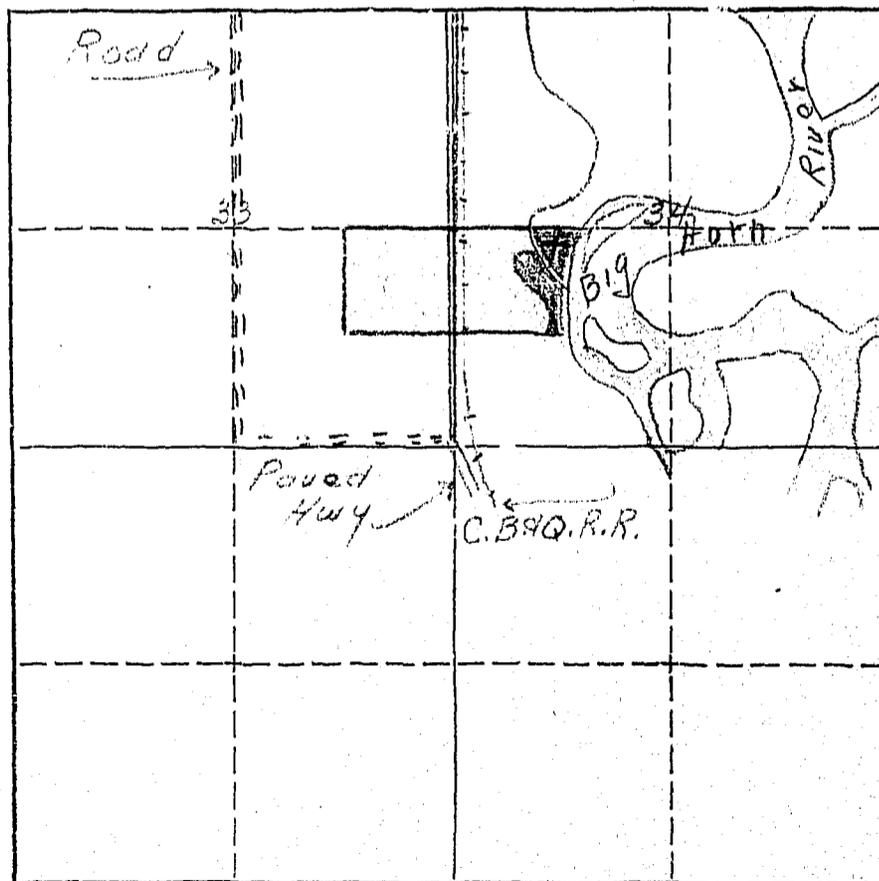
Land is located in

Twp. 11N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 11N Rge. 33E

Remarks _____





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 34 C
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Palmer, Katherine Address Shamrock, Texas
Name of Operator Zier, Fred Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggin (Two Leggin Water User Ass)
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 37.7 Shares you hold 44.5
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user) :
6. Give the date appropriated. Amount filed on: Miners Inches. C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity [checked] Pumping Other
11. What is the greatest number of acres you have irrigated? 37 @ Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 37.7
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10 @ This land is under what ditch? Two Leggin
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes [checked] No Explain
17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm SWSW 1/4, lot 8, Sec. 34 - Twp. 1 N., Rge. 33 E.

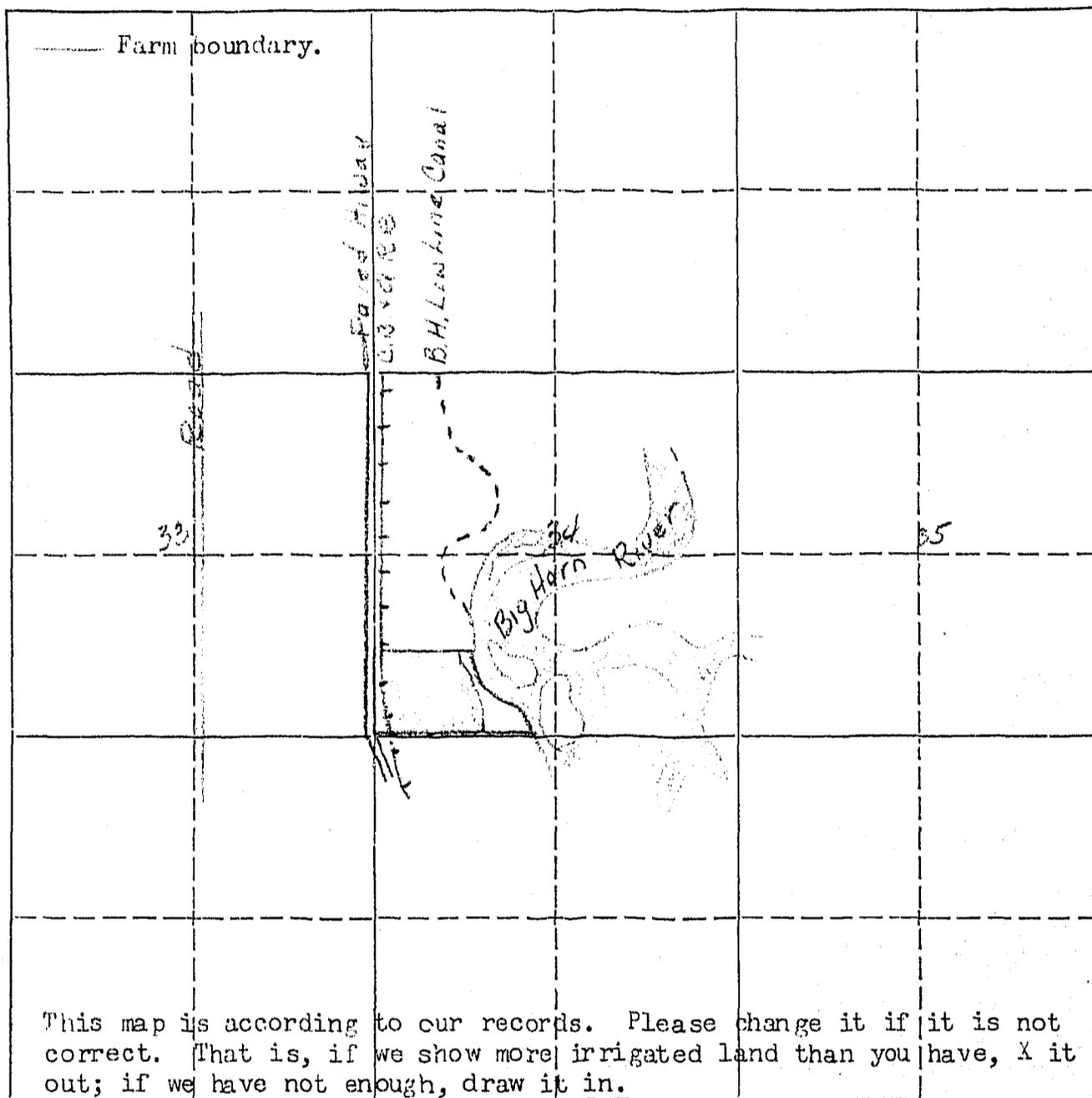


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin Acres: 37.7

Ditch: _____ Acres: _____

Information supplied by:

Name Fred John Thompson Address _____ Date 1-17-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins. W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.
2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
3. Date Appropriated 6/11/09 Date Filed 6/15/09
Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
4. Name of Stream Big Horn River Tributary _____ Basin _____
5. Point of Diversion _____
Head-gate in N.E.
Sec. 20 Twp 2 S Rge 33 E Bank of Stream _____
6. Purpose Irrigation, domestic and water-power
7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.
Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runz N.E.
8. Land Description of Intended Place of Use _____

Twp.	2 S	Rgn.	33 E
	1 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	4 N		34 E
9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water
et al= R.E. Shepherd, C.M. Bair, and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
11. To Whom Decreed _____ Address _____
12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
13. Date of Priority _____ Purpose _____
14. Land Description of Place of Use as Decreed _____
15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 524

Owner Palmer, Katharine

Address Shimrock, Texas

AAA Owner Palmer, Katharine

Address Shimrock, Texas

Operator Zion, Fred

Address Mardin, Mont.

New Owner

Address

New Operator

Address

Assessment Record 514511, 1st R

Sec 34 - 11th - 33E

Assessed Acreage 67.06

Legal Description of This Farm

1st R, Sec 34, 11th, 33E

Total Acres in Farm 68.0

Big Horn

Farm Map Low Line Canal

Code Number 34 C

Photo No. 243-76

AAA Contract No. 300

AAA Total Cropland Acreage 27.7

App. No. 335-336-257-339-345

Decree No.

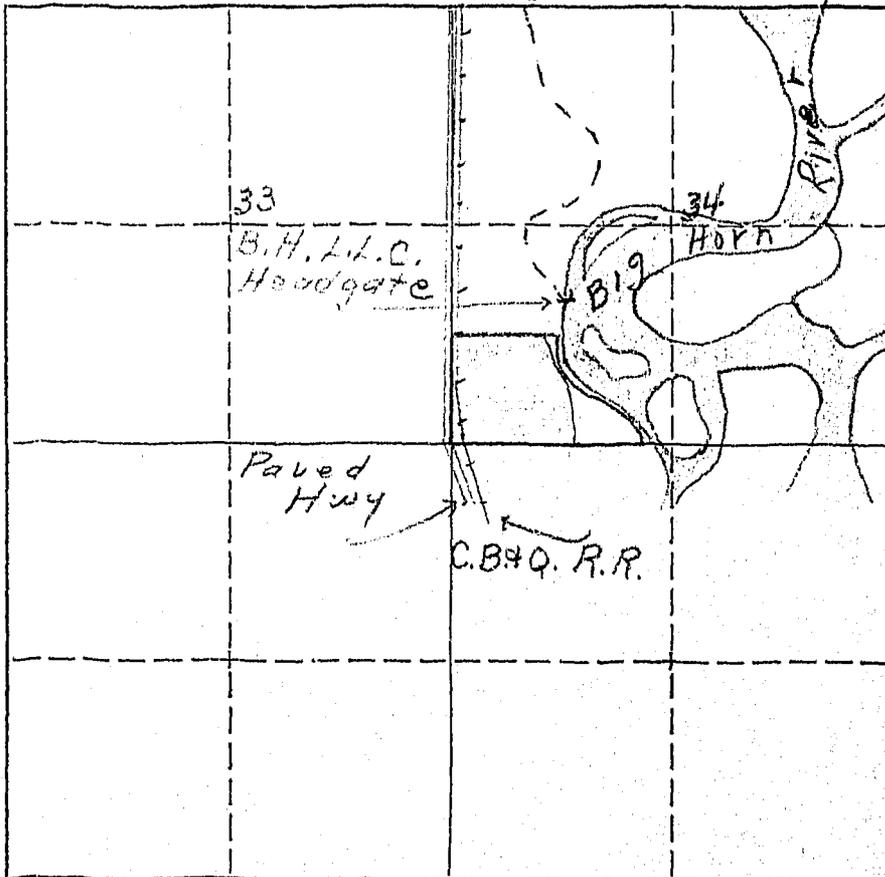
Land is located in

Twp. 11th Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 11th Rge. 33E

Remarks Send to Operator



January 12, 1946

Fred Zier
Hardin, Montana

Dear Mr. Zier:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Fred Zier

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO: ef:tk

encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, the Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

On March 4, 1912, John J. Harris and Edward Lawlor, filed for 1250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 91, Big Horn County. (341)

On March 15, 1912, Edw. Lawlor and John H. Harris, filed for 300 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 554, Big Horn County. (341)

On July 3, 1907, James Curry and Alfred Myers filed for 50 cubic feet per second from Williams Creek, recorded in Miscellaneous Records, Book A, Page 24, Big Horn County. (347)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 500 County Big Horn Twp. North Rng. 33rd

Name of Owner Palmer, Catherine Address Shamrock, Tex.

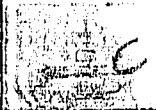
Name of Operator Voller, Ed. Address North

Total Number of Acres in Farm 67 1/2 Number of Acres Irrigated in 1940 38

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lot 8, S.W. 1/4 34-07-33E

LC 62





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 29 A
County Big Horn
T. 1 No. R. 33 E.

Name of Land Owner Regland, Sam Address Rte. #1 - Hardin, Montana

Name of Operator Address

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. Shares you hold
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under 'Remarks.'

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user)
6. Give the date appropriated. Amount filed on: Miners Inches. C. F. S.
7. State the total number of acres irrigated under this system
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? Date
12. How many acres did you irrigate in 1945? (Crop and pasture)
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system?
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

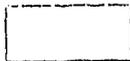
NOTE: The following questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm SE 1/4, NE 1/4, Sec. 29, Twp. 1 No., Rge. 53 E.

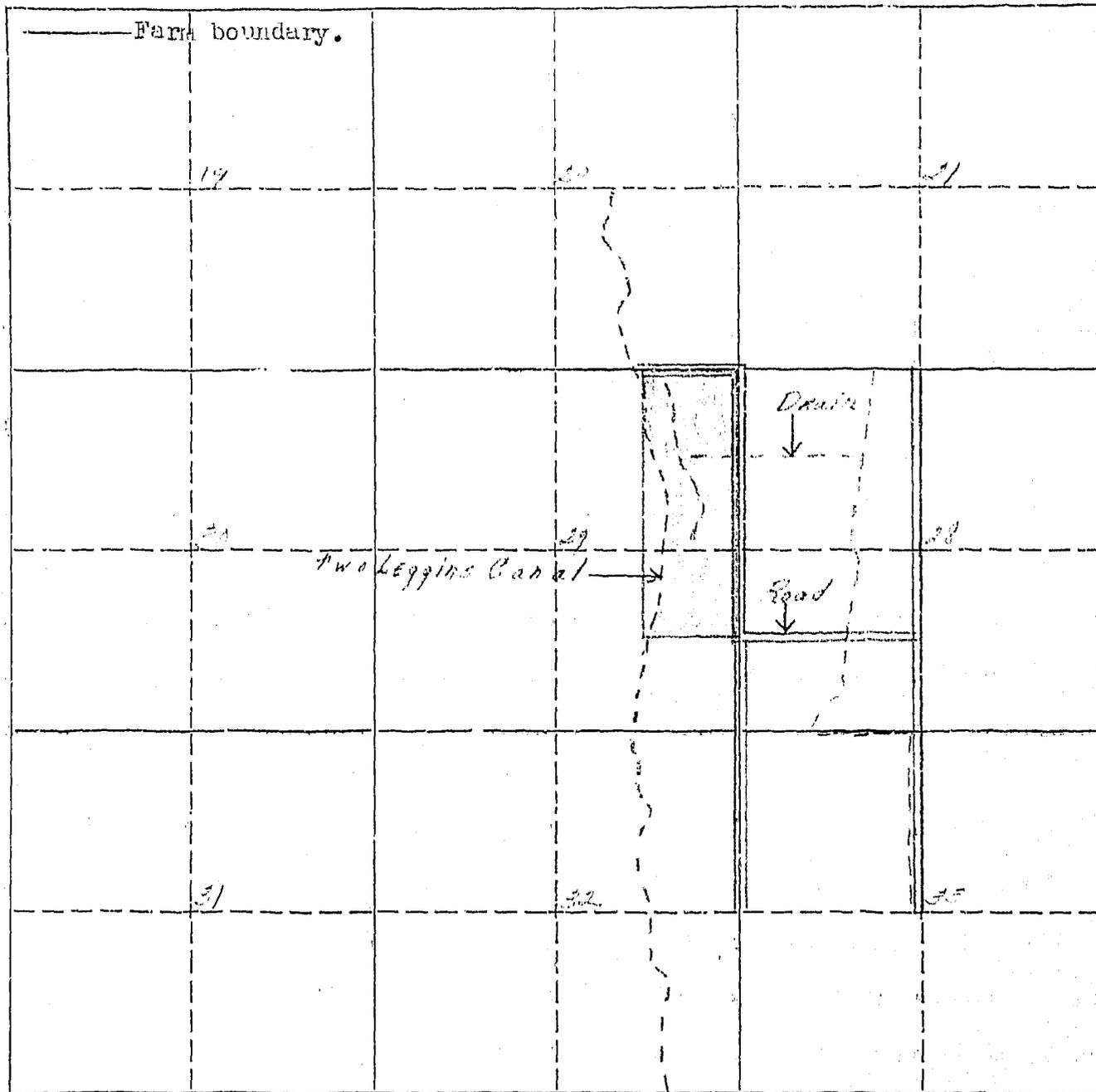


IRRIGATED LAND



NON-IRRIGATED LAND

NORTH



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin Canal Acres: 873

Ditch: _____ Acres: _____

Information supplied by:

Name Paul Clarke Address _____ Date Sept 5-46

REMARKS: _____

120 acres less drainage road and part
West of canal = 873 acres

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins. W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, Fred. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion _____

Head-gate in N E

Sec. 20 Twp. _____ Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water-power

7. Description of System Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.

Canal 33 ft. bottom 5 ft. top 6 ft. deep. Runs N E

8. Land Description of Intended Place of Use

Twp.	20	Rge.	33 E
	1 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	3 N		34 E

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water

et al= R.E. Shepherd, C.M. Bair, and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

January 12, 1946

Sam Ragland
Hardin, Montana

Dear Mr. Ragland:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Sam Ragland

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

February 15, 1946

Sam Ragland
Hardin, Montana

Dear Mr. Ragland:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Cravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 13, 1946

Mr. Sam England
Route #1
Hardin, Montana

Dear Mr. England:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 18th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date, we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board in the securing of all necessary information and make the same available to said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pa

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 197

Owner Reckland, Sam Address Rte. 1 - Hardin

AAA Owner Reckland, Sam Address Rte. 1 - Hardin, Mont.

Operator same Address _____

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record E 1/4 NE 1/4, NE 1/4, Sec. 29 - 1 N 33 E

Assessed Acreage 50.0

Legal Description of This Farm E 1/4 NE 1/4, NE 1/4, Sec. 29 1 N. 33 E

Total Acres in Farm 120

Code Number 29A

Two Legains
canal

Farm Map CDrain

Photo No. 244-25126

AAA Contract No. 276 C-1-b + 276-C-2-b

AAA Total Cropland Acreage 57.0 + 30.3

App. No. 335-336-337-339-345

Decree No. _____

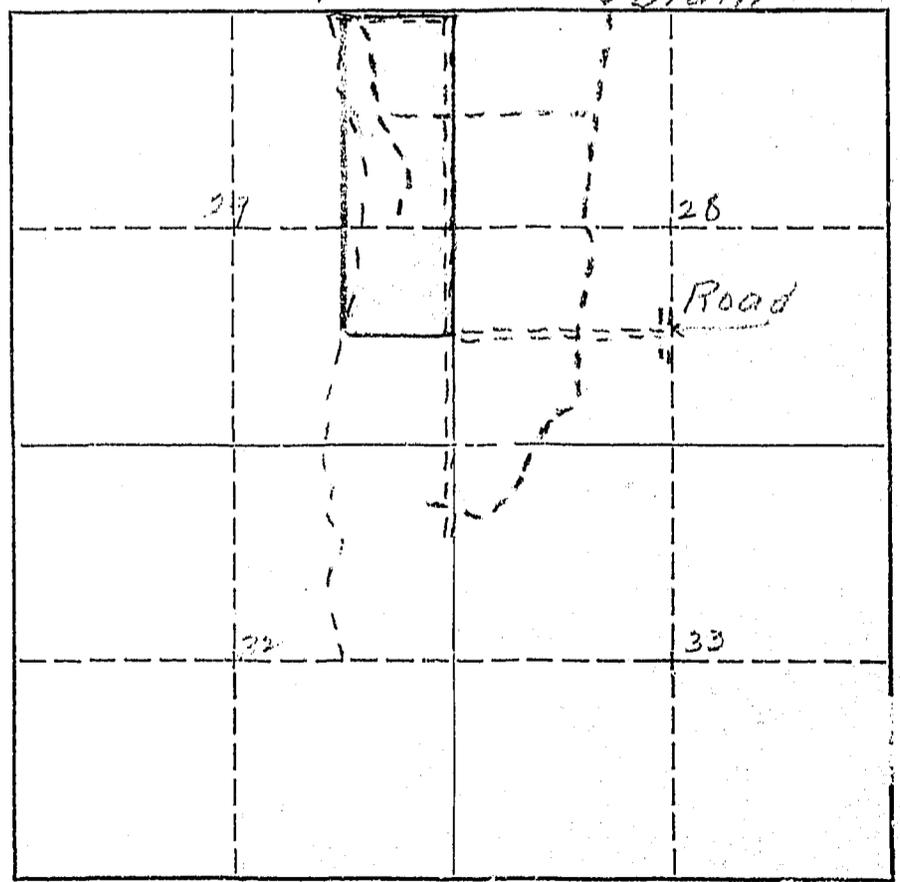
Land is located in

Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks _____





STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 10 A, 11 A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner: Rockwell, Geo. Address: Grandy, Nebraska
Name of Operator: Rogers Inc. Address: Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Low Line Ditch Co
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system: 120 105 Shares you hold: 125
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date:
5. Give the name of the original appropriator (first user):
6. Give the date appropriated: Amount filed on: Miners Inches: C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: 1/4 Section: Township: Range:

Part C

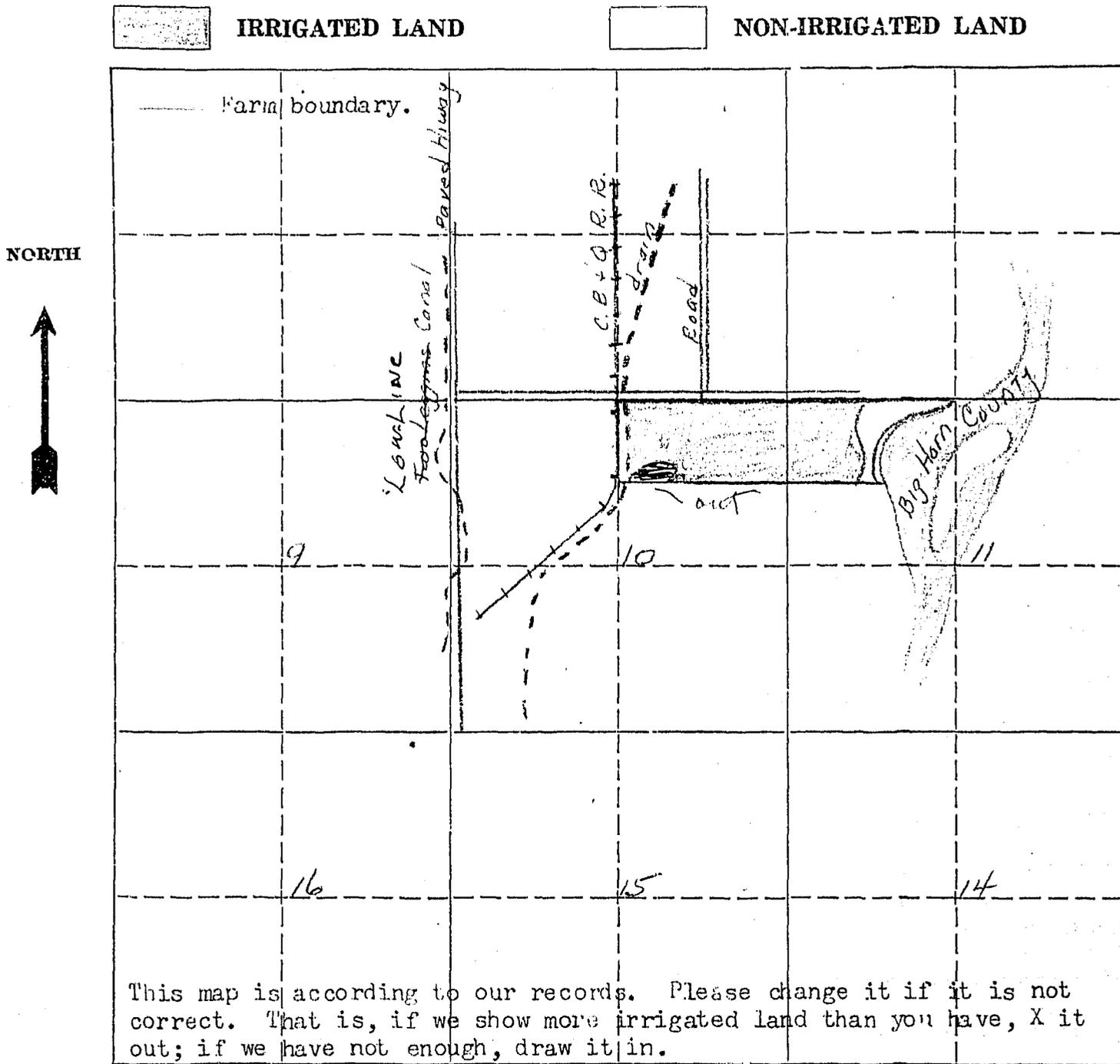
TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity: X Pumping: Other:
11. What is the greatest number of acres you have irrigated? 105 Date: 1945
12. How many acres did you irrigate in 1945? (Crop and pasture): 105
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc.: 15 This land is under what ditch? Low Line Ditch
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes: X No: Explain:
17. REMARKS:

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm N¹/₄NE¹/₄, Sec. 10 - lots 2 & 3, NWNW¹/₄, Sec. 11, T. 1 N., R. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Low Line Ditch Acres: 120.105

Ditch: _____ Acres: _____

Information supplied by:

Name: C. A. Rogers Address: Hardin Date: Feb 20-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Butte

FILE NO. 182

Owner Rockwell Geo.

Address Grandy, Nebr.

AAA Owner "

Address "

Operator Reger Inc.

Address Hardin, Nebr.

New Owner "

Address "

New Operator "

Address "

Assessment Record N^WNE⁴ Sec. 10 - 10th 2 + 3 - NW^{1/4} Sec. 11 - 1N. 33E

Assessed Acreage 52.0

Legal Description of This Farm N^WNE⁴ Sec. 10 - 10th 2 + 3 - NW^{1/4} Sec. 11 - 1N. 33E

Total Acres in Farm 158.0

Code Number 10A-11A

Photo No. 243-80, 243-21

AAA Contract No. 427

AAA Total Cropland Acreage 87.8

App. No. 335-336, 337-339, 345

Decree No. "

Land is located in

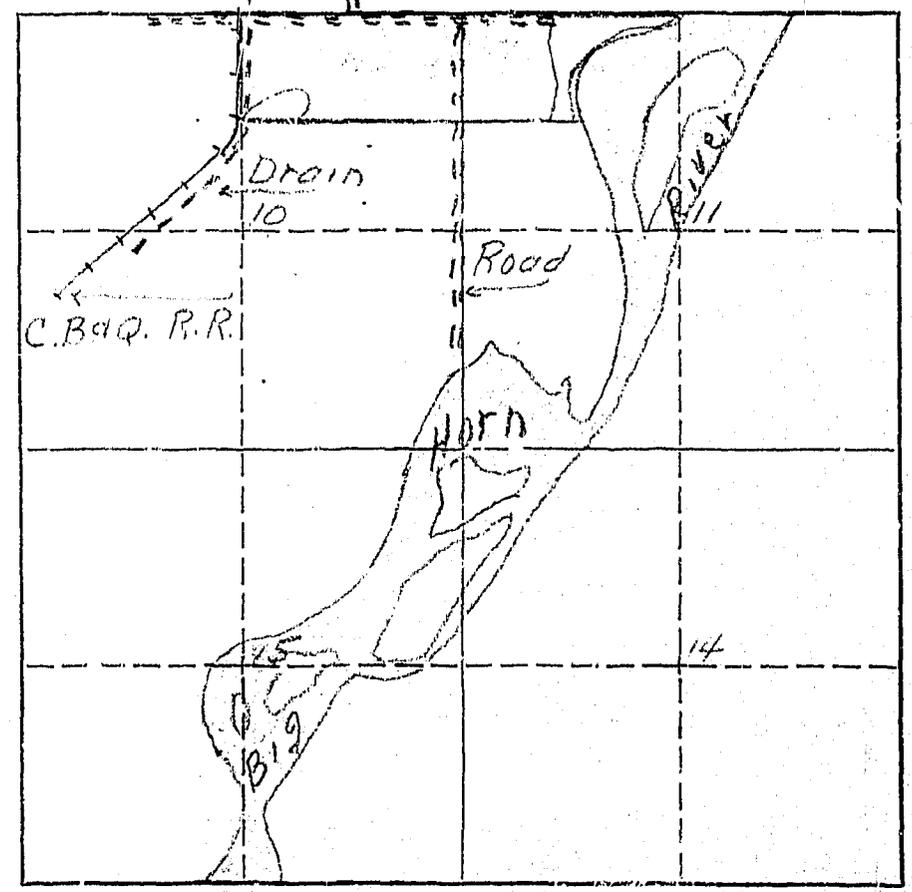
Twp. 1N Rge. 33E Twp. " Rge. "

Twp. " Rge. " Twp. " Rge. "

Filed in Twp. 2N Rge. 33E

Remarks Send to Operator

Farm Map



On October 28, 1907, A. L. Mitchell, appropriated 10,000 miner's inches of water from the Big Horn River. Filing was made November 2, 1907, and recorded in Book A, Page 27 of Misc. Records in the Big Horn County Courthouse.

In addition to the above appropriation, a filing was made by Elmer K. Bowman on May 27, 1907 for 250 cubic feet per second of water from the Big Horn River. Notice of Appropriation was filed June 11, 1907 in Book A, Page 22 of Misc. Records.

10-D
11-A

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 43 County Big Horn Twp. 1 North Rng. 23 East

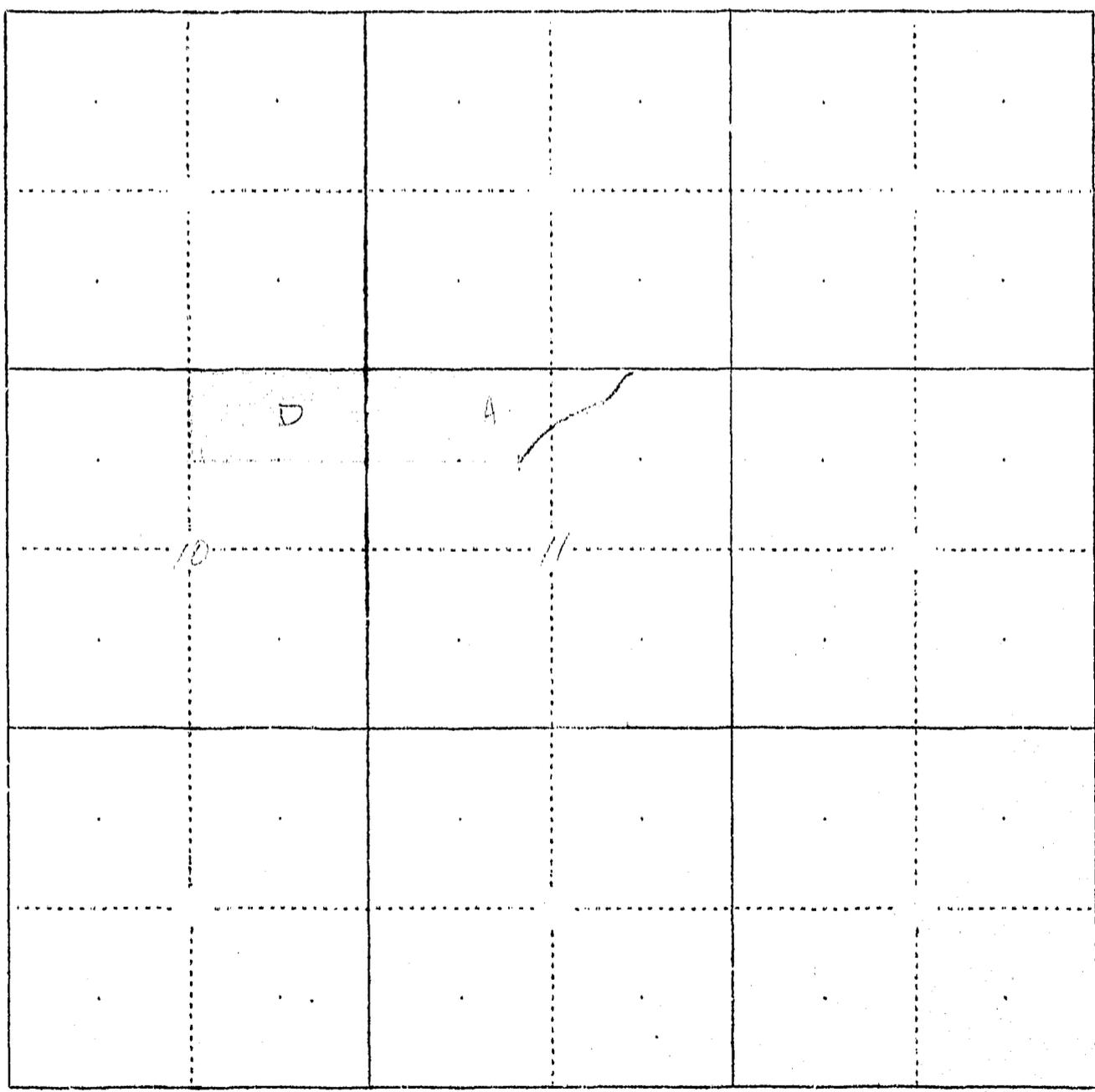
Name of Owner Rockwell, George R. Address Gandy, Neb.

Name of Operator Zinn, Willie Address Gandy, Neb.

Total Number of Acres in Farm 157^{1/2} Number of Acres Irrigated in 1940 90

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description N²NE⁴ 10, Secs 2, 3, NW⁴ & NW⁴ 11-10-33E



LC 80 (10)
40 (11)

Outline



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 10 D, 15 C
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Sapp, E. F. & Big Horn Co. Address Rte. 1, Hardin, Montana
Name of Operator Sapp, E. F. c.o E. F. Sapp Address Hardin, Montana, Rte. 1

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Low Line Ditch (Big Horn Low Line Ditch Co.)
2. State the number of acres you irrigate under this system 80 Shares you hold 80
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
5. Give the name of the original appropriator (first user)
6. Give the date appropriated Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system
8. Give the point of diversion: 1/4 Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 110 Date 1935, 1936
12. How many acres did you irrigate in 1945? (Crop and pasture) 100
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 40 This land is under what ditch? Low Line
14. How many acres of seeped land do you have which could be drained and put into production? None
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain

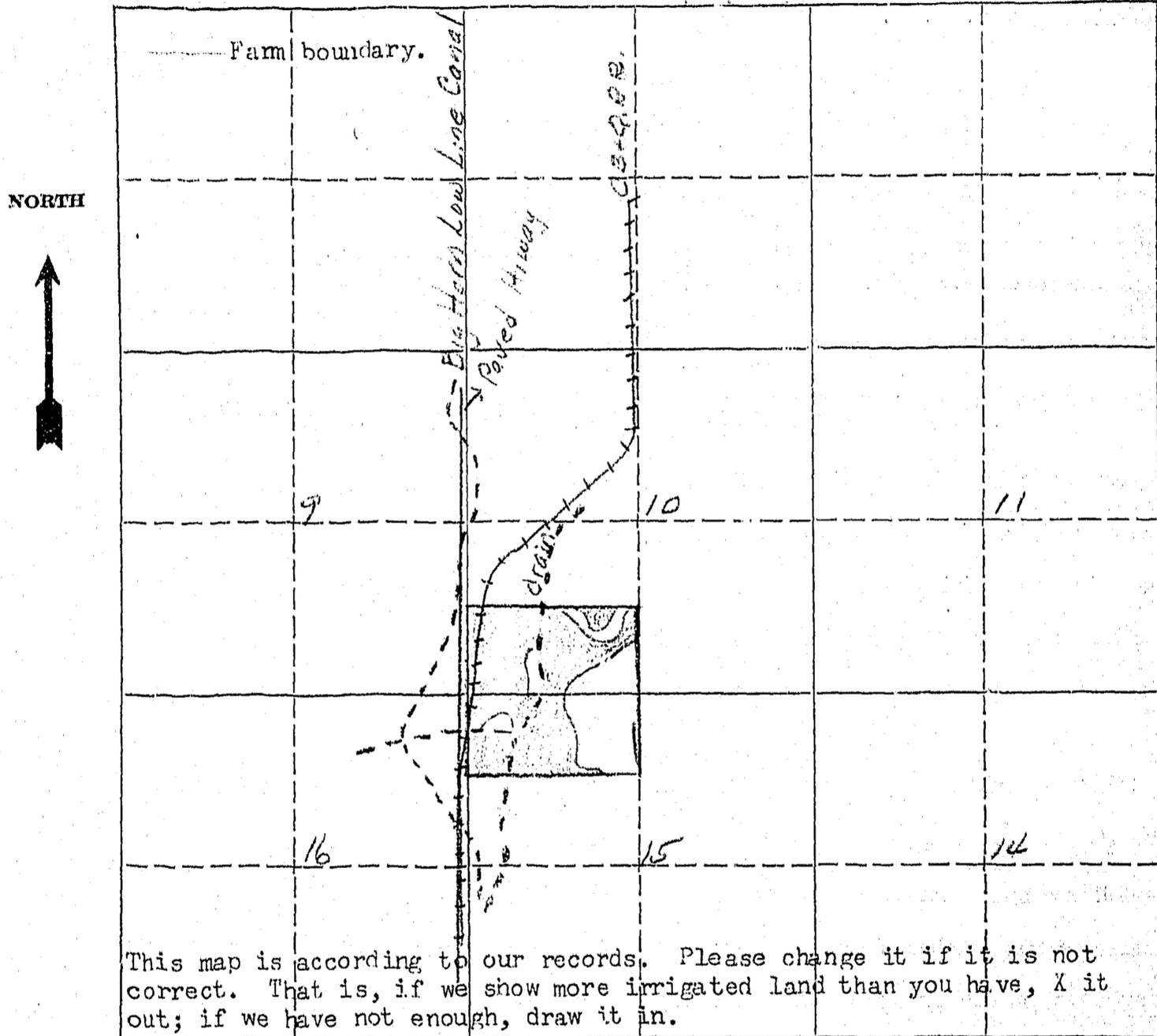
17. REMARKS: we get water most of the time, have head gates in front of our right place, when water runs low we don't get enough water

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... S $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 10 - N $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 15 - Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



*Map of land in d $\frac{1}{2}$ section 10, Twp 1 N., Rge 33 E., Sec 15
 Big Horn Low Line Canal
 Paved Highway
 drain
 your map & plat are wrong.*

19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Big Horn Low Line Acres: 100

Ditch: _____ Acres: _____

Information supplied by:

Name E. J. Saep by mail Address _____ Date 2-25-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

Mr. E. T. Sapp

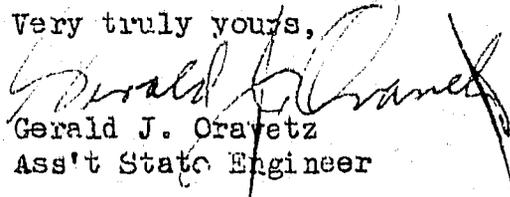
-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,


Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Mr. Herb Williams could give you more information than I can, if you will write him at Hardin.

February 18, 1946

E. F. Sapp
Route 1
Hardin, Montana

Dear Mr. Sapp:

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 181

Owner Sapp, E.F. + Big Horn Co., E.F. Sapp Address Rte 1 - Hardin Mont

AAA Owner " " Address

Operator Sapp, E.F. Address Hardin, Mont Rte. 1

New Owner Address

New Operator Address

Assessment Record N^W NW⁴, Sec. 15 1 N 33 E Sapp - 80.

S^W SW⁴ Sec. 10 1 N. 33 E S.H. Co. 76.42

Assessed Acreage 156.42

Legal Description of This Farm S^W SW⁴ Sec. 10 - N^W NW⁴ Sec. 15 1 N. 33 E

Total Acres in Farm 160

Code Number 10 D - 15 C

Farm Map

Photo No. 243-80, 243-79,

AAA Contract No. 394 A

AAA Total Cropland Acreage 70.6

App. No. 335-336-337-339-345

Decree No.

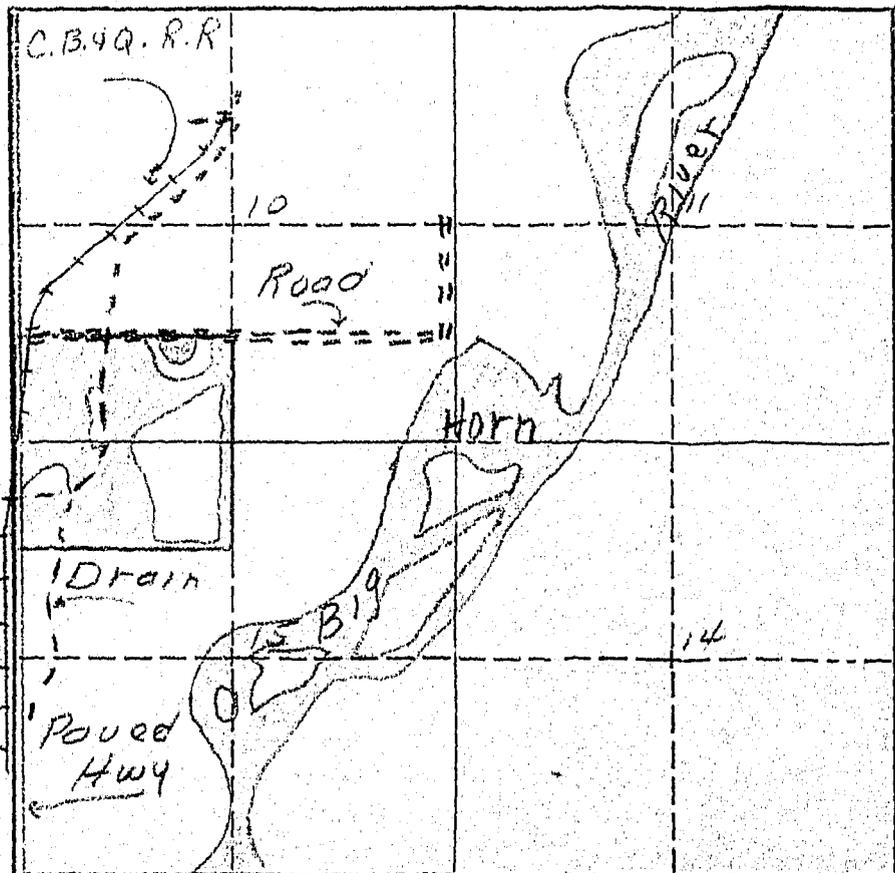
Land is located in

Twp. 1 N Rge. 33 E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1 N Rge. 33

Remarks Send to Sapp



January 12, 1946

Mr. E. F. Sapp
Route 1
Hardin, Montana

Dear Mr. Sapp:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is therefore necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. E. F. Sapp

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

✓ On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

9-D
10-B
15-A

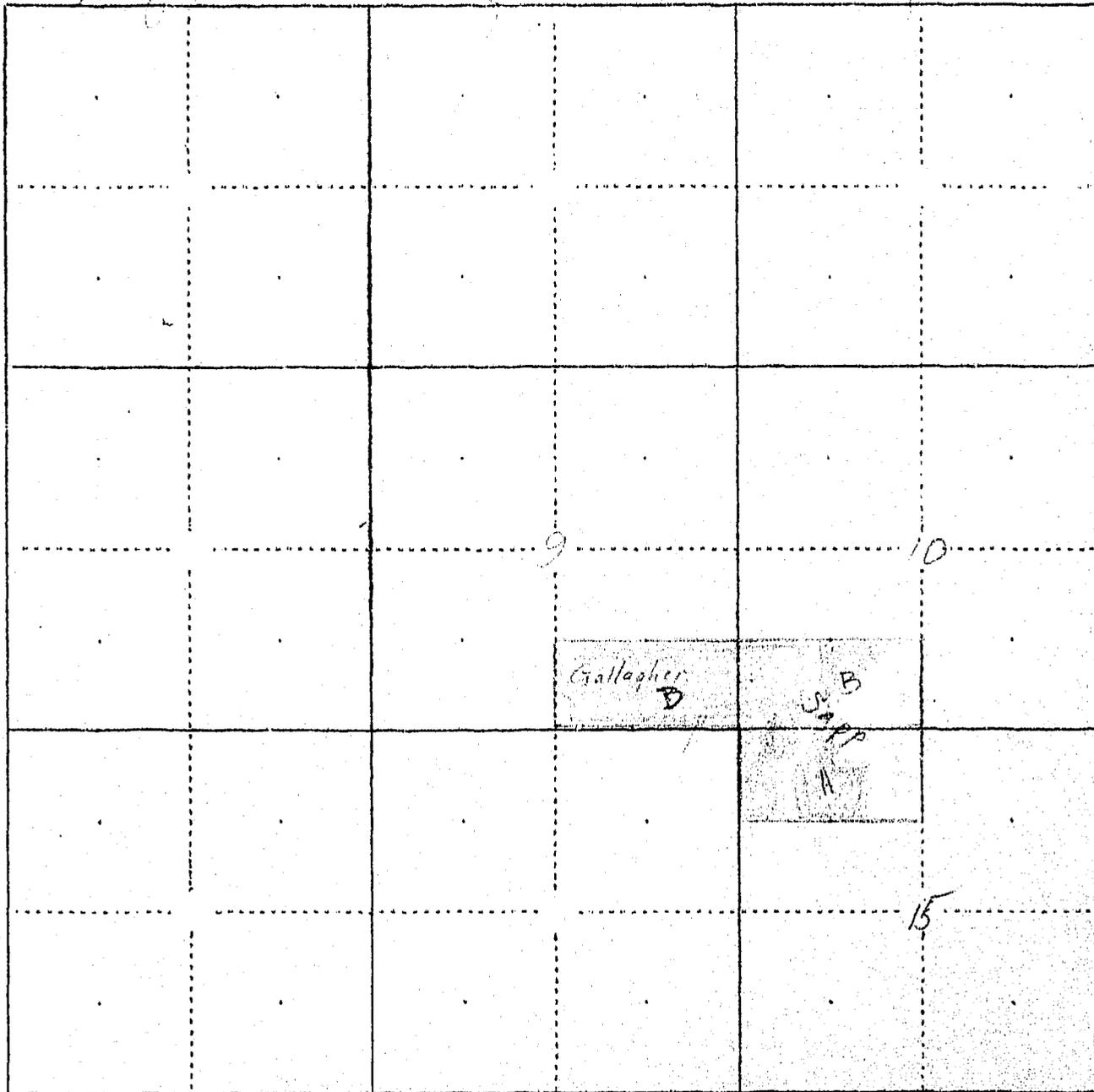
Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 394 County Big Horn Twp. 1 North Rng. 33E
Name of Owner Gallagher, Catherine Address 3226-NE Davis Portland, Ore.
Name of Operator Sapp, E.F. Address Hardin, Mont
Total Number of Acres in Farm 24.50 Number of Acres Irrigated in 1940 14.9 ^{24.9} _{Lowline 79}

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S²SE¹ 9, S²SW¹ 10, N²NW¹ 15, 1N-33

This place has a lot of silted waste land



LC 79 (9)
80 (10)
80 (15)
239

*Lowline
Two legs*



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 15 A, 27 B, 28 B
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Sawyer, W. A. & Mrs. E. S. Address Hardin, Montana
c/o Evelyn Sawyer
Name of Operator Rauben Bastron Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Legions Canal
Name of Ditch, Ditch Company or District supplying water
- 2. State the number of acres you irrigate under this system 92.9 Shares you hold 57
- 3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B. Big Horn 70

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date
- 5. Give the name of the original appropriator (first user):
- 6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
- 7. State the total number of acres irrigated under this system:
- 8. Give the point of diversion: $\frac{1}{4}$ $\frac{1}{4}$ Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

- 9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- 10. Water is obtained by: (Check one) Gravity Pumping Other
- 11. What is the greatest number of acres you have irrigated? Date
- 12. How many acres did you irrigate in 1945? (Crop and pasture) 132.9
- 13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 37 This land is under what ditch?
- 14. How many acres of seeped land do you have which could be drained and put into production?
- 15. What is the condition of your irrigation system? Good
- 16. Is your water supply adequate? Yes No Explain
- 17. REMARKS: Information taken from signed statement taken by Ray Lyman forms are attached hereto.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins W.U.A.

Notice of Appropriation

- 1. County..... Big Horn..... Book..... 4..... Page..... 53..... Record..... Misc.....
- 2. Name of Appropriator..... Edwards, J. E. et al..... Address..... Yellowstone County, Mont.....
- 3. Date Appropriated..... 6/11/09..... Date Filed..... 6/15/09.....
- Amount Appropriated, Miners Inches....., Cubic Feet per second..... 600
- 4. Name of Stream..... Big Horn River..... Tributary..... Basin.....
- 5. Point of Diversion.....
..... Head-gate in N.E. $\frac{1}{4}$
..... Sec..... 20..... Twp..... 2 S..... Rge..... 33 E..... Bank of Stream.....
- 6. Purpose..... Irrigation, domestic and water-power.....
- 7. Description of System..... Concrete head-gate with 5 gates 6 ft. wide 6 ft. deep.....
..... Canal 33 ft. bottom 51 ft. top 6 ft. deep. Runs N.E.....
- 8. Land Description of Intended Place of Use.....
..... Twp. 2 S Rge. 33 E
..... 1 S 33 E
..... 1 N 33 E
..... 2 N 33 E
..... 3 N 33 E
..... 3 N 34 E
- 9. Remarks (Pertaining to Use, etc.)..... Selling and disposing of surplus water.....
..... et al = R. E. Shephard, C. M. Bair, and J. E. Edwards.....

Decree

- 10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....
- 11. To Whom Decreed..... Address.....
- 12. Name of Ditch..... Maximum Capacity (C. F. S.).....
- 13. Date of Priority..... Purpose.....
- 14. Land Description of Place of Use as Decreed.....
- 15. Remarks (Present Use Status, etc.).....

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 185

Owner Sawyer, W.A. + Sawyer, Mrs. E.S. Address Hardin, Mont.

90 Evelyn Sawyer, Hardin, Mont.

AAA Owner _____ Address _____

Operator Custom Reuben Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record S²NW⁴, lot 4 - Sec. 27. Mrs. E.S. Sawyer

Assessed Acreage 45.0

Legal Description of This Farm S²NW⁴, lot 4 Sec. 27 - S²NE⁴, NWNE⁴, Sec. 28 - 1N-33E

Total Acres in Farm 240.0

Code Number 27B-28B

Big Horn
Low Line Canal Farm Map

Photo No. 243-77

AAA Contract No. 405

AAA Total Cropland Acreage 92.9

App. No. 335-336-337-339-345-349

Decree No. _____

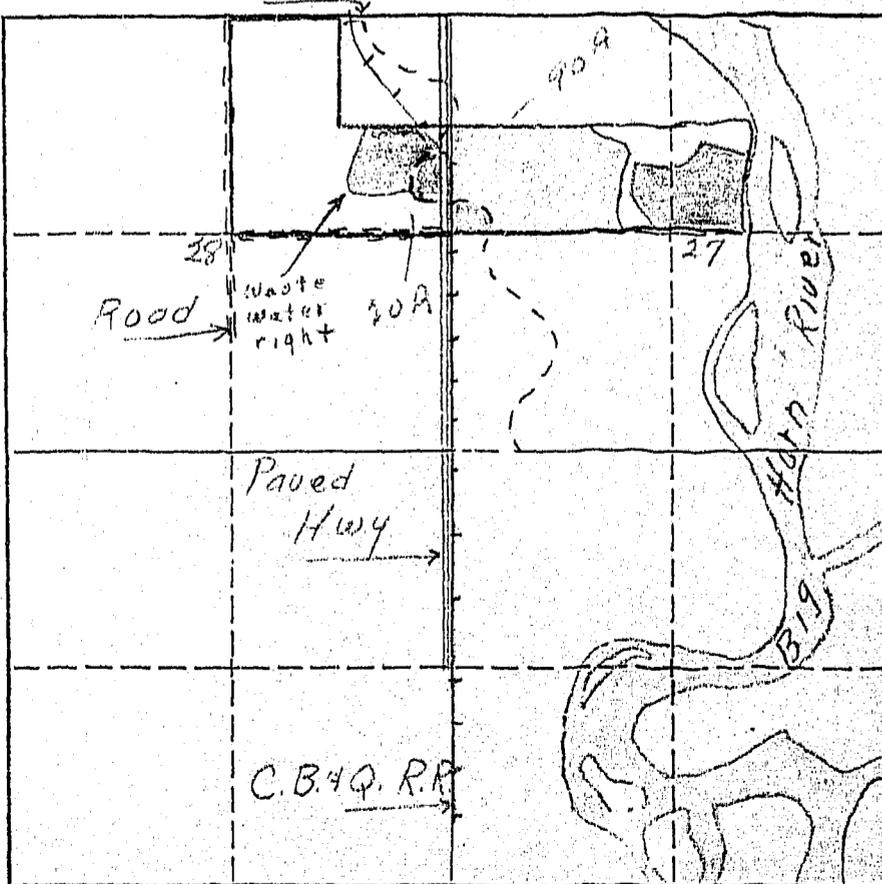
Land is located in

Twp. 1N Rge. 33E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. _____ Rge. _____

Remarks Send to W.A. Sawyer



27-B
28-B

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 405 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Sauyer, Mrs E S. Address Hardin Mont.

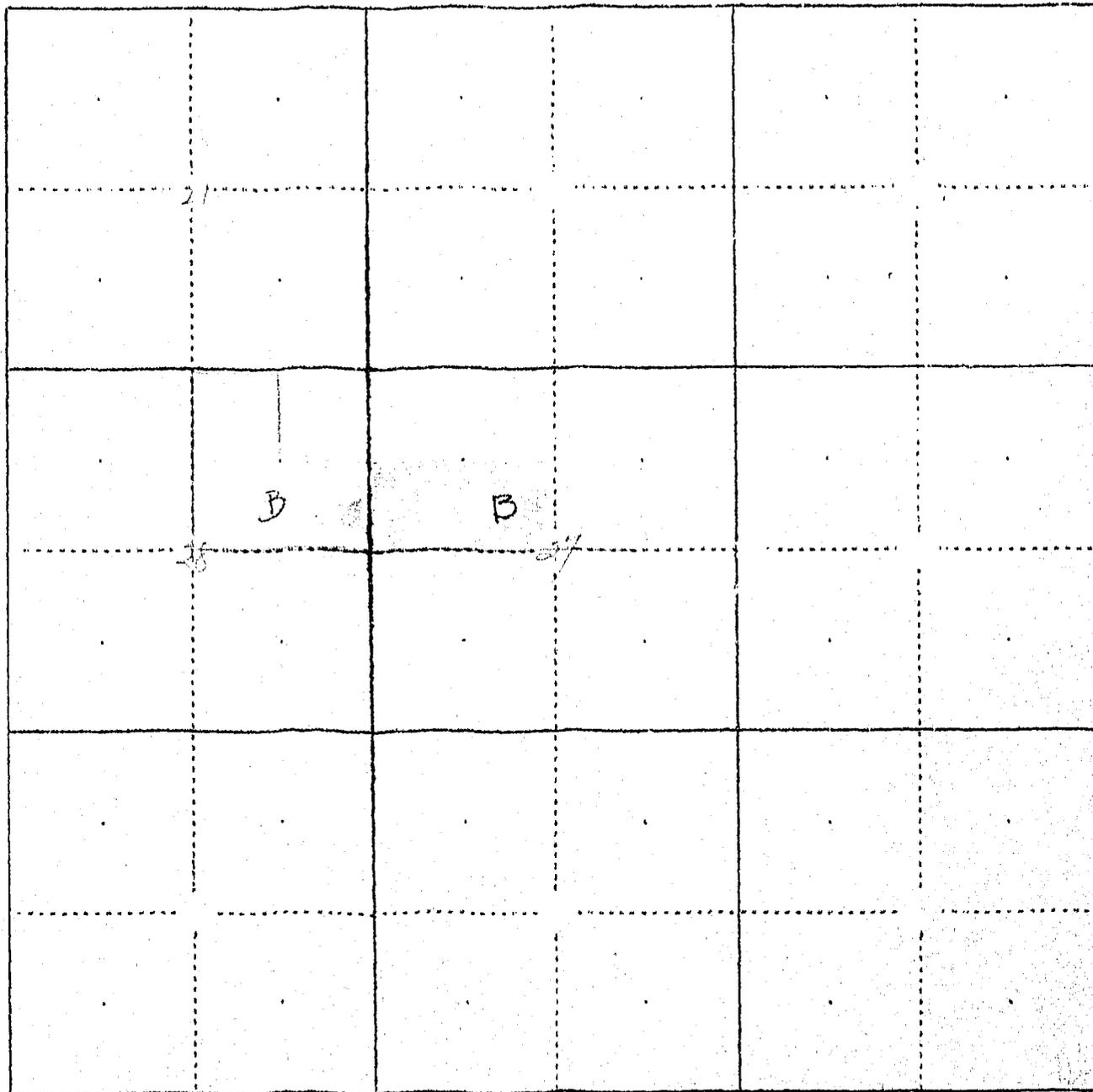
Name of Operator Becker, Annie Address _____

Total Number of Acres in Farm 240 Number of Acres Irrigated in 1940 80

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description Lot 4, S²NW⁴, 27, NW⁴NE⁴, S²NE⁴, 28 - 1N-33E

2
15
40



SM-1 (2)
110
LC 57 (27)
109 (28)

Low Line

[Handwritten notes]

County Big Horn Code No. _____

1. Water User Mrs W A Sawyer Address Hardin

2. Stream Big Horn Tributary Yellowstone

3. Point of Diversion SE 1/4 Section 20 Township 2 S Range 33 E

4. Description of System See Two Legged Ditch

5. Original Appropriator Edwards J E Address Yellowstone Co Date _____

6. First Use: Date 1921 No. Acres Irrigated 90

Other Use _____ Date _____

7. Maximum Use: Date _____ No. Acres Irrigated 90

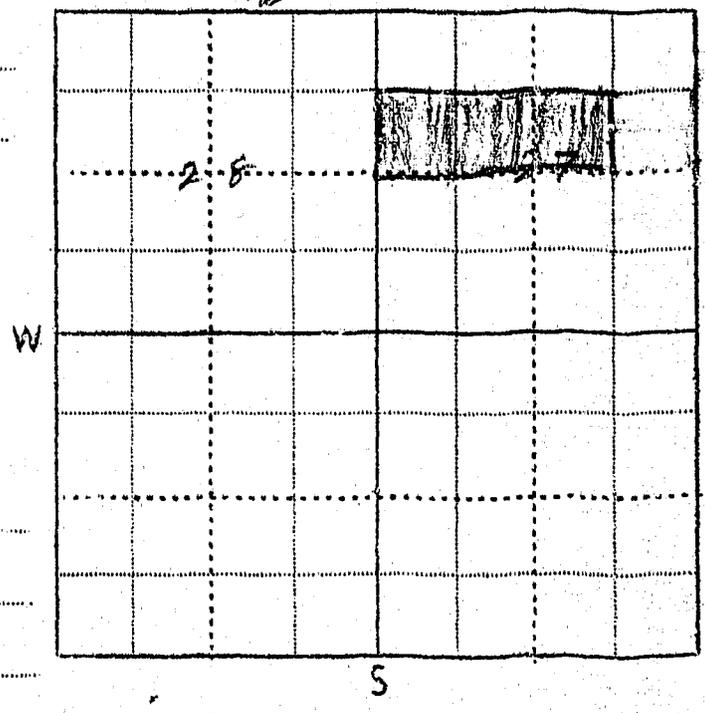
Other Use _____ Date _____

8. Present Use and Condition of System _____ SE-33E

1940 Crops	No. Acres
a Alfalfa	32
b N. Seed	
c Beans	29
d Pasture	13
e Wheat	2
f Oats	14
TOTAL	90

Other Use (1940) _____

9. Potential irrigable Lands Under this System 15



10. Remarks Appropriation 349

11. The above statements are true and accurate to the best of my knowledge and belief: Charles Sawyer

WITNESS Sam Rice

Hardin (Signed) 11/25/40 (Date)

(Place)

(Date)

County Big Horn Code No. _____

1. Water User W.A. Sawyer Address Hardin Mont

2. Stream Two Leghorn Waste Water Tributary Big Horn

3. Point of Diversion SW 1/4 NE 1/4 Section 28 Township 1N Range 33E

4. Description of System Ditch from Wasteway of Two Leghorn Canal

5. Original Appropriator W.A. Sawyer Address Hardin Date 11/24/1934

6. First Use: Date 1920 No. Acres Irrigated 20

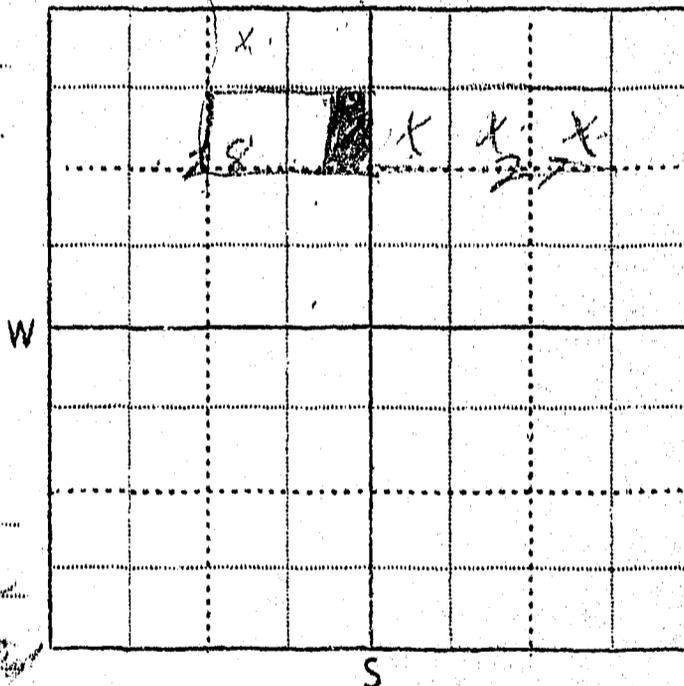
Other Use _____ Date _____

7. Maximum Use: Date _____ No. Acres Irrigated _____

Other Use _____ Date _____

8. Present Use and Condition of System Good 1N - 33E

1940 Crops	No. Acres
a. <u>Alfalfa</u>	<u>20</u>
b. _____	_____
c. _____	_____
d. _____	_____
e. _____	_____
f. _____	_____
TOTAL	<u>20</u>



Other Use (1940) _____

9. Potential Irrigable Lands Under this System 60 acres

which can be irrigated from Two Leghorn Canal

10. Remarks _____

11. The above statements are true and accurate to the best of my knowledge and belief: W.A. Sawyer

WITNESS Mytie

Hardin (Signed)
(Place)

11/25/40
(Date)

file no. 817
A STUDY OF MONTANA'S WATER RESOURCES--WPA

FORM A-1

Notice of Appropriation

CODE NUMBER *249*

1. County *Big Horn* Book *7* Page *260* Record *Missoula 249*
2. Name of Appropriator *Samuel W. A.* Address *Hardin, Mont.*
3. Date Appropriated *Nov 1934* Date Filed *12-1-34* Amt. Approp.: M.I. *100* C.F.S. Ac.Ft.
4. Name of Stream *East Spring Wash Water* Tributary *Big Horn* Basin *Montana*
5. Point of Diversion *haulout from ditch on S side thence*
run N. Sec. Twp. Rge. Bank of Stream *South*
6. Purpose *Irrigation*
7. Description of System *Haulout 12' x 20" run N.*

8. LAND DESCRIPTION OF INTENDED PLACE OF USE

Subdivision	Sec.	Twp.	Rge.	Tot. Acr.	1940 Owner	Address
<i>SE 1/4 7E4</i>	<i>28</i>	<i>17N</i>	<i>33E</i>		<i>J. R. Sawyer</i>	<i>Hardin Mont</i>

9. Remarks (Pertaining to Use, etc.) *The above statements are true and accurate to the best of my knowledge and belief.*

Signed *Samuel W. A.*
at *Hardin, Nov 25 1940.*

(Show Additional Information on Reverse Side)

- Decree
10. Case No. Date Amt. Decreed: M.I. C.F.S. Ac.Ft.
11. To Whom Decreed Address
12. Name of Ditch Max. Cap. (C.F.S.)
13. Date of Priority Purpose

14. LAND DESCRIPTION OF PLACE OF USE AS DECREED

Subdivision	Sec.	Twp.	Rge.	Tot. Acr.	1940 Owner	Address

15. Remarks (Present Use Status, etc.)

(Show Additional Information on Reverse Side)

file no. # 350

A STUDY OF MONTANA'S WATER RESOURCES--WPA

FORM A-1

Notice of Appropriation

CODE NUMBER

- 1. County Big Horn Book A Page 33 Record Misc. 350
- 2. Name of Appropriator C. A. Cochran, Shaw, A. Address _____
- 3. Date Appropriated Feb - 1928 Date Filed 3/27 - 1928 Amt. Approp.: Hl. _____ C.F.S. 1 Ac.Ft. _____
- 4. Name of Stream Tree Coulees Tributary Big Horn Basin Yellowstone
- 5. Point of Diversion A Spring on Tree Coulees in the
NE 1/4 Sec. 20 Twp. 17N. Rge. 33E Bank of Stream _____
- 6. Purpose Domestic, Mechanical, Irrigation.
- 7. Description of System Flume and ditch formed by Tree
Coulees.

8. LAND DESCRIPTION OF INTENDED PLACE OF USE

Subdivision	Sec.	Twp.	Rge.	Tot. Acr.	1940 Owner	Address
<u>E 2 1/2 E 4, E 2 1/2 E 4</u>	<u>20</u>	<u>17N</u>	<u>33E</u>		<u>C. A. Cochran</u>	<u>Hardin Mont.</u>

9. Remarks (Pertaining to Use, etc.)

(Handwritten signature and notes)

The above statements are true and accurate to the best of my knowledge and belief.

Signed Charles A. Cochran 1928.

(Show Additional Information on Reverse Side)

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: Hl. _____ C.F.S. _____ Ac.Ft. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Max. Cap. (C.F.S.) _____
- 13. Date of Priority _____ Purpose _____

14. LAND DESCRIPTION OF PLACE OF USE AS DECREED

Subdivision	Sec.	Twp.	Rge.	Tot. Acr.	1940 Owner	Address

15. Remarks (Present Use Status, etc.)

(Show Additional Information on Reverse)



194

Form WR-1-10M 8-45

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 21 C
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner John Schmidt
~~Ludwick, Clifford & Orr, Blanche~~ Address Hardin & 2228 Clay St., San Francisco
Name of Operator Koch, Claus Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

1. Water is delivered by: Two Leggin Water Users Assn
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system: 160 Shares you hold: 200
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

4. In what year was this land first irrigated? Date: 1918
5. Give the name of the original appropriator (first user): R. E. Shepard et al
6. Give the date appropriated: 1912 Amount filed on: Miners Inches: C. F. S.
7. State the total number of acres irrigated under this system: 160 acres
8. Give the point of diversion: Two Leggin Water Users Assn Dam.
 $\frac{1}{4}$ Section 1/4 Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

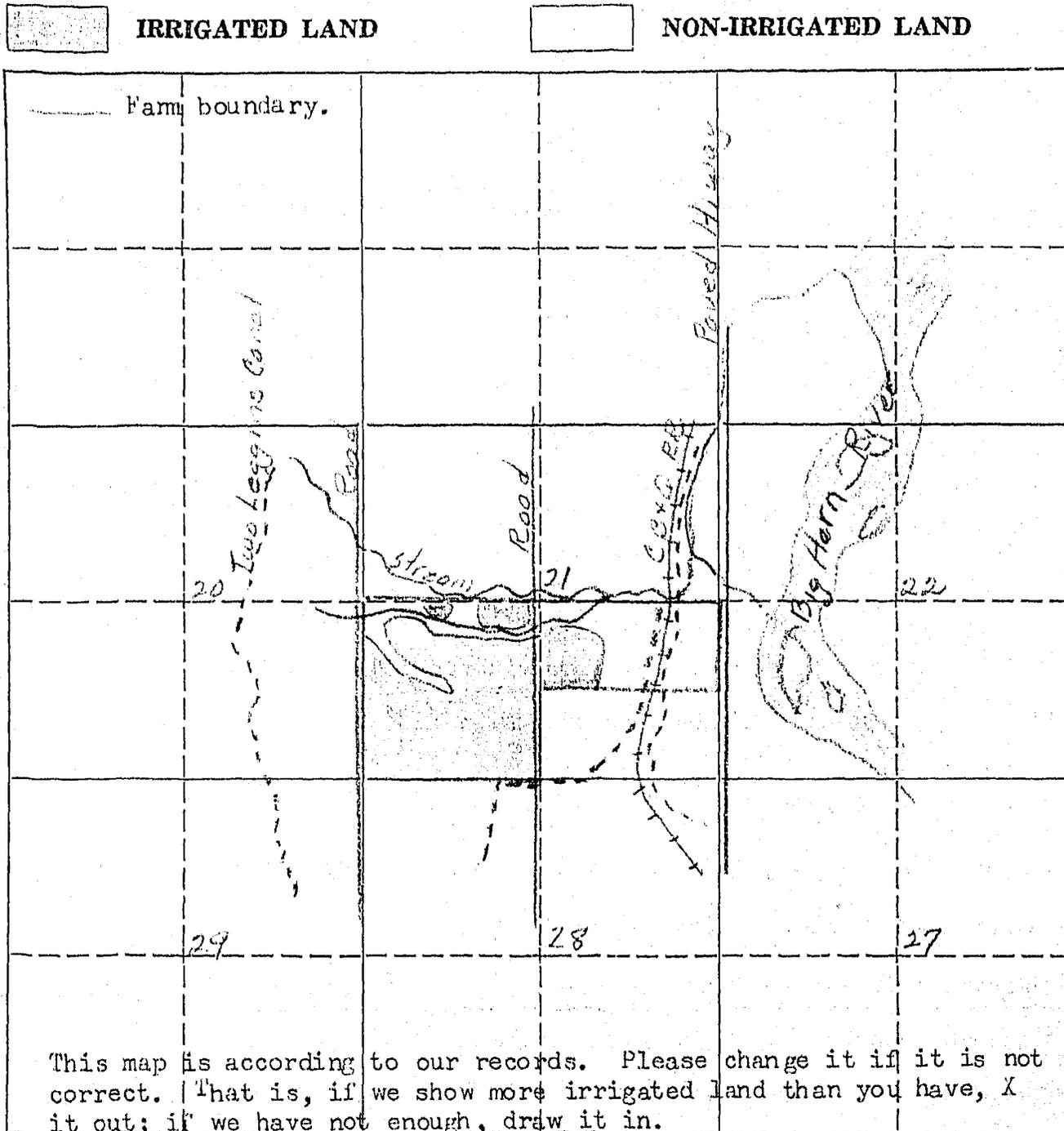
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? 160 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 160 acres
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 10 acres. This land is under what ditch? Two Leggin Water Users Assn Ditch
14. How many acres of seeped land do you have which could be drained and put into production?
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No Explain
17. REMARKS:

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SW 1/4, N 1/2 Sec. 21 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggin Water Users Area Acres: 160

Ditch: _____ Acres: _____

Information supplied by:

Name: John Schmidt Address: Hardin, Mont Date: 1/21/46
+ Bert W. Kronmiller secy. of Two Leggin's Water Users Assn

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Legals W.U.A.

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
- Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____

Head-gate in S.E. 4
 Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head-gate with 5 gates 6 ft.wide, 6 ft.deep.
Canal 33 ft.bottom, 51 ft. top 6 ft.deep runs N.E.

- 8. Land Description of Intended Place of Use

Twp	2 S	Rge.	33 E
	1 S		33 E
	1 N		33 E
	2 N		33 E
	3 N		33 E
	3 N		34 E

- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E.Shepherd, C.M.Bair and J.E.Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 194

Owner Ludrick, Clifford + Orr, Blanche Address Hardin + 2228 Clay St. San Francisco

AAA Owner Ludrick, " " " Address _____

Operator Koch, Claus Address Hardin, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record NWSE⁴, SW⁴, Sec. 21 1 N, 33 E 160.0 A.

OR - NESE⁴, Sec. 21 1 N 33 E 4.0 A

Assessed Acreage 164.0

Legal Description of This Farm SW⁴, NSE⁴, Sec. 21 - 1 N, 33 E

Total Acres in Farm 240.0

Code Number 210

Farm Map

Photo No. 243-78

AAA Contract No. 1247

AAA Total Cropland Acreage 146.6

App. No. 335-336-337-338-345

Decree No. _____

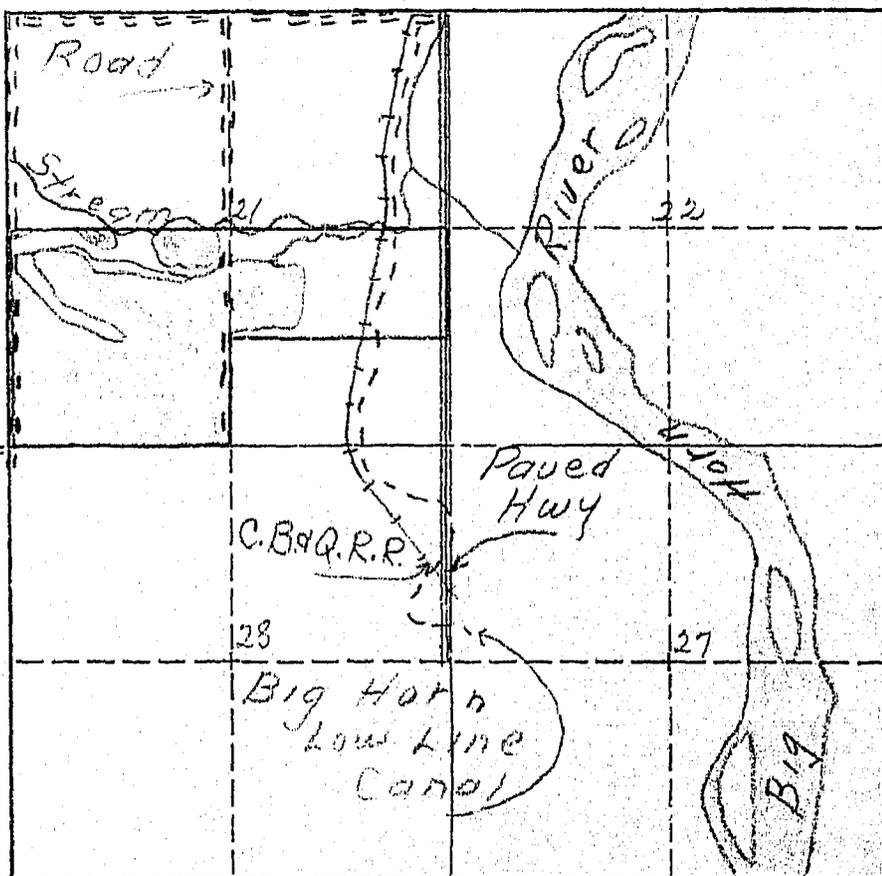
Land is located in

Twp. 1 N Rge. 33 E Twp. _____ Rge. _____

Twp. _____ Rge. _____ Twp. _____ Rge. _____

Filed in Twp. 1 N Rge. 33 E

Remarks Send to Hardin



January 12, 1946

Mr. Clifford Ludaick
Hardin, Montana

Dear Mr. Ludaick:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.63 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 80,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Clifford Ludaick

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According our our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, W. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

21-C

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1249 County Big Horn Twp. 1 North Rng. 33 East

Name of Owner Orin Blanchard California Lands Inc. Address 785 Market St. San Francisco Calif.

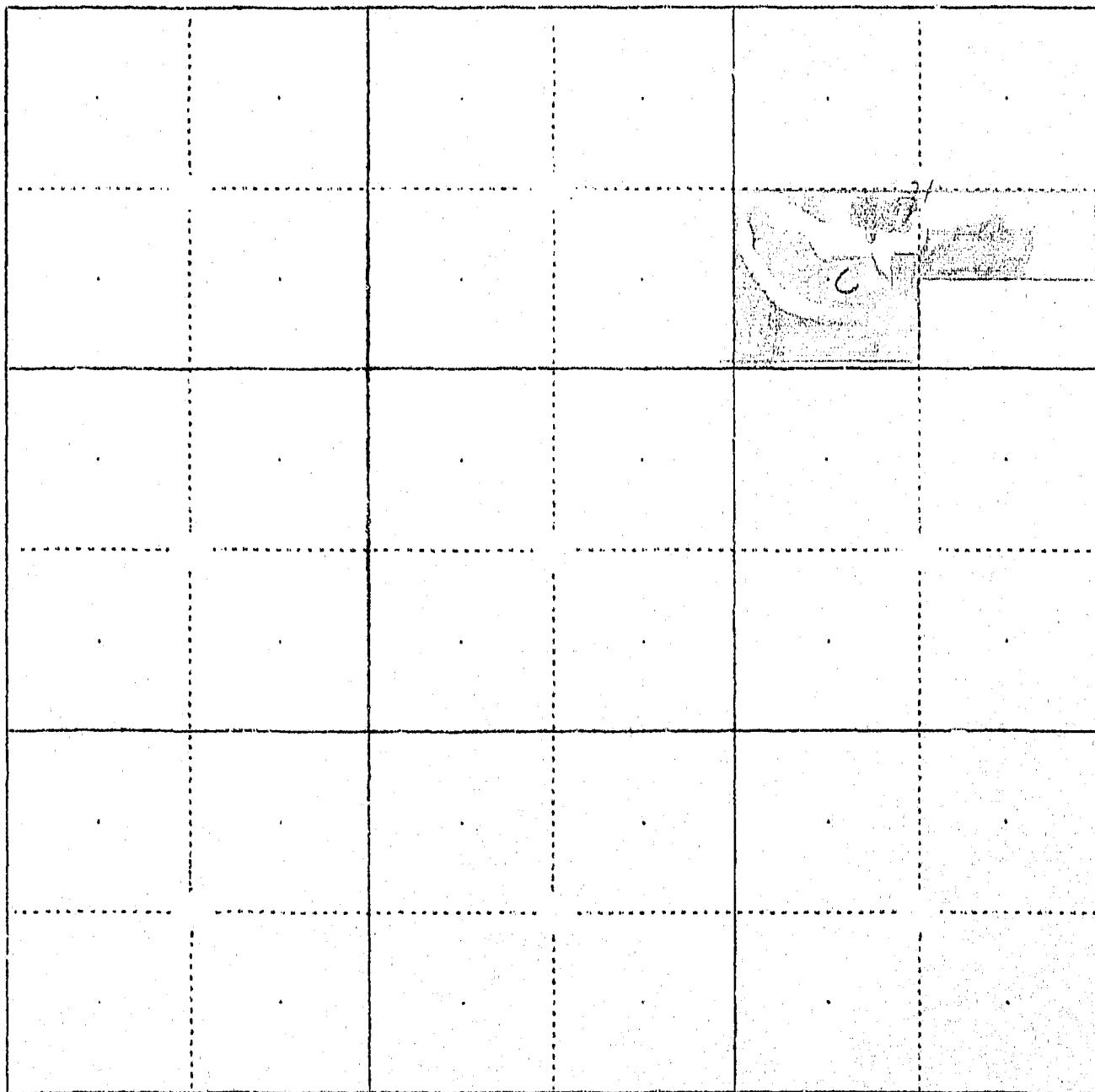
Name of Operator Koch, Claus Address Hardin Plat.

Total Number of Acres in Farm 240 Number of Acres Irrigated in 1940 125

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description N35E4 SW4 21-1N-33E

LC 240



Handwritten notes:
Total 125
Irrigated



196
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

orm WR-1-10M 8-45

Code No. 28D, 29C

County Big Horn

T. 1 N. R. 33 E.

Name of Land Owner Sterkel, Conrad, c/o Isadore Lautt Address Hardin, Montana
 Name of Operator Isadore Lautt Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: High Line or Two Leggin
Name of Ditch, Ditch Company or District supplying water 160
2. State the number of acres you irrigate under this system 140 Shares you hold 1 share
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

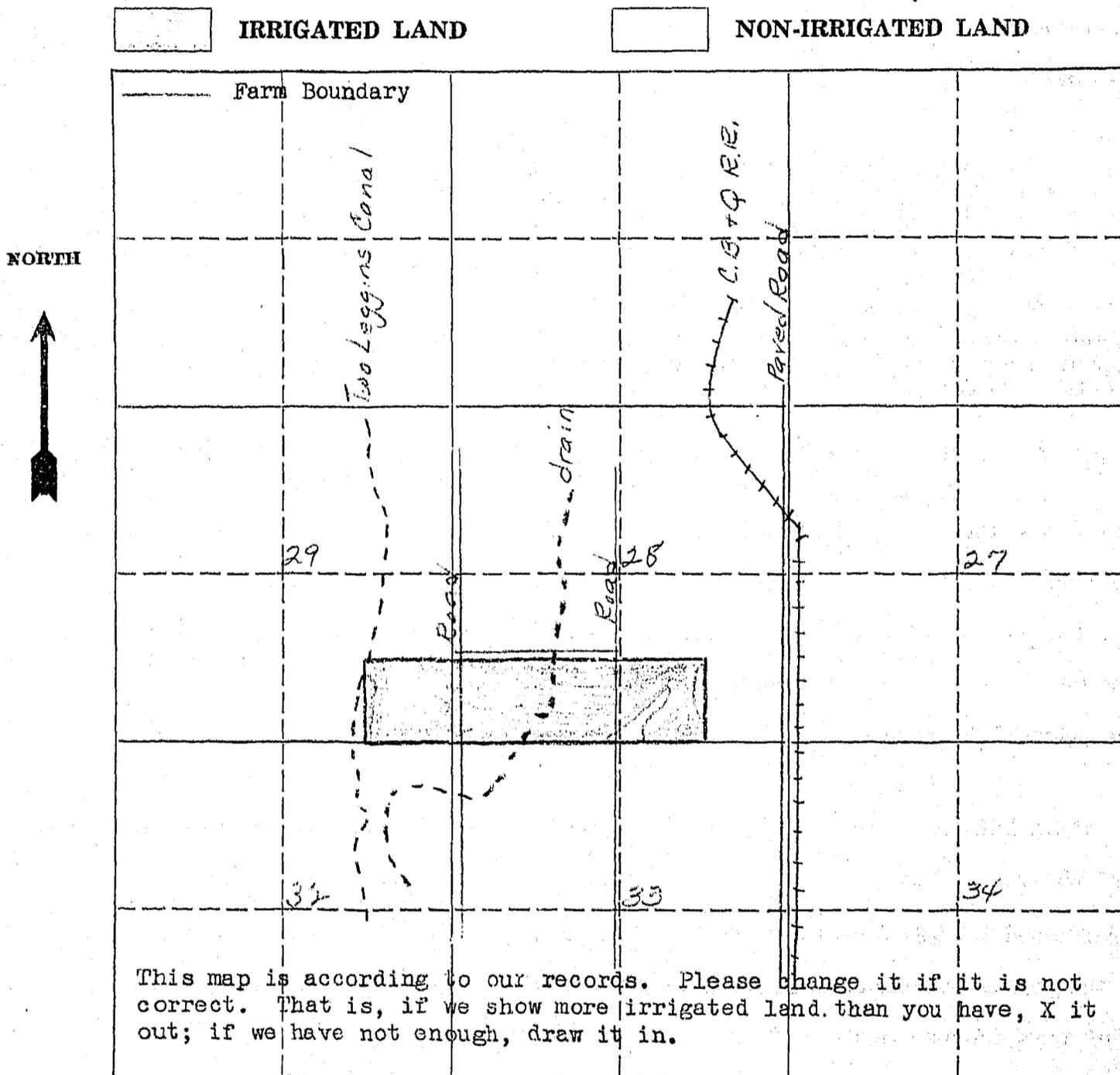
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 140 Date 1945
12. How many acres did you irrigate in 1945? (Crop and pasture) 140
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 15 This land is under what ditch? High Line or Two Leggin
14. How many acres of seeped land do you have which could be drained and put into production? 3
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes: No..... Explain.....
17. REMARKS:.....

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... SWSE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 28; SESE $\frac{1}{4}$, Sec. 29; Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leggins Canal Acres: 140

Ditch: _____ Acres: _____

Information supplied by:

Name: Madame Lantz (mail) Address: _____ Date: 1-22-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, I.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion Head-gate in S E 1/4

Sec. 30 Twp. 2 S Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water power.

7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.

Canal 33 ft. bottom, 51 ft. top, 6 ft. deep. Runs N.E.

8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E

<u>1 S</u>	<u>33 E</u>
<u>1 N</u>	<u>33 E</u>
<u>2 N</u>	<u>33 E</u>
<u>3 N</u>	<u>33 E</u>
<u>3 N</u>	<u>34 E</u>

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water

et al - R.F. Shepherd, G.M. Bair, and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 196

Owner Sterkel, Conrad & Isadore ^{Lautt} Address Hardin, Mont.

AAA Owner " " Address " "

Operator Isadore Lautt Address Hardin Mont

New Owner " " Address " "

New Operator " " Address " "

Assessment Record SWSE⁴, S²SW⁴, Sec. 28. SESE⁴, Sec. 29 1N 33.E

Assessed Acreage 160.0

Legal Description of This Farm SWSE⁴, S²SW⁴, Sec. 28 - SESE⁴, Sec. 29 - 1N, 33E.

Total Acres in Farm 160.0

Code Number 28D-29C

Two Leggins Canal

Farm Map

Photo No. 243-77, 244-25+26,

AAA Contract No. 1211

AAA Total Cropland Acreage 122.0

App. No. 335-336-337-339-345

Decree No. " "

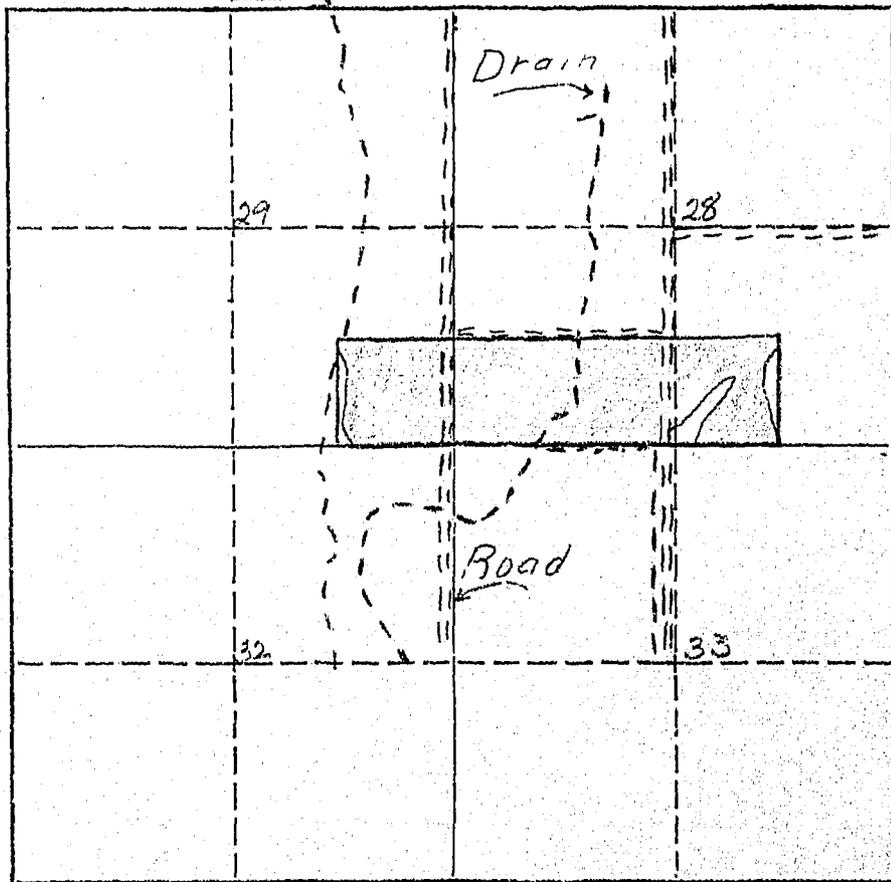
Land is located in

Twp. 11N Rge. 33E Twp. " " Rge. " "

Twp. " " Rge. " " Twp. " " Rge. " "

Filed in Twp. 11N Rge. 33E

Remarks " "



January 12, 1946

Mr. Isadore Lutt
Hardin, Montana

Dear Mr. Lutt:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Isadore Lantt

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

28-D
27-B

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1211 County Big Horn Twp. 1 North Rng. 33 East

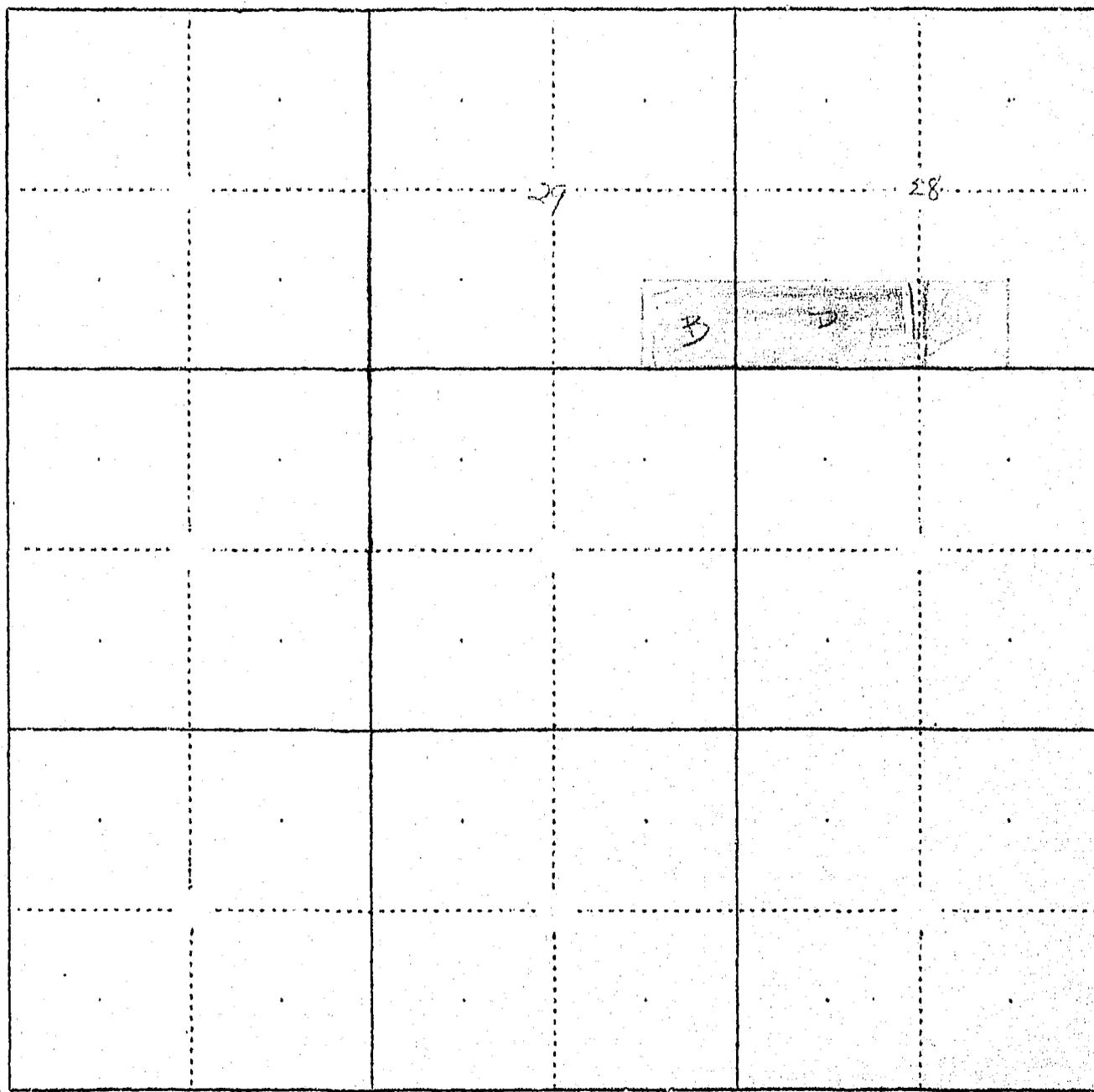
Name of Owner Sterkel, Conrad Address Hardin, Mont.

Name of Operator Same Address _____

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 127

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description S²SW⁴, SW⁴SE⁴ 28, SE⁴SE⁴ 29-1N-33E



LG 117 (28)
38 (29)
155

Truckee



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 21 B
County Big Horn
Tl. No. R. 33 E.

Name of Land Owner Strecker, Edward c/o Address Hardin, Montana
Jun Mikami
Name of Operator _____ Address _____

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

1. Water is delivered by: Two Irrigation Canals Two Logan Water Users Assoc.
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 145 Shares you hold 160
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

4. In what year was this land first irrigated? Date _____
5. Give the name of the original appropriator (first user): _____
6. Give the date appropriated _____ Amount filed on: Miners Inches _____ C. F. S. _____
7. State the total number of acres irrigated under this system: _____
8. Give the point of diversion: 1/4 Section _____ Township _____ Range _____

Part C

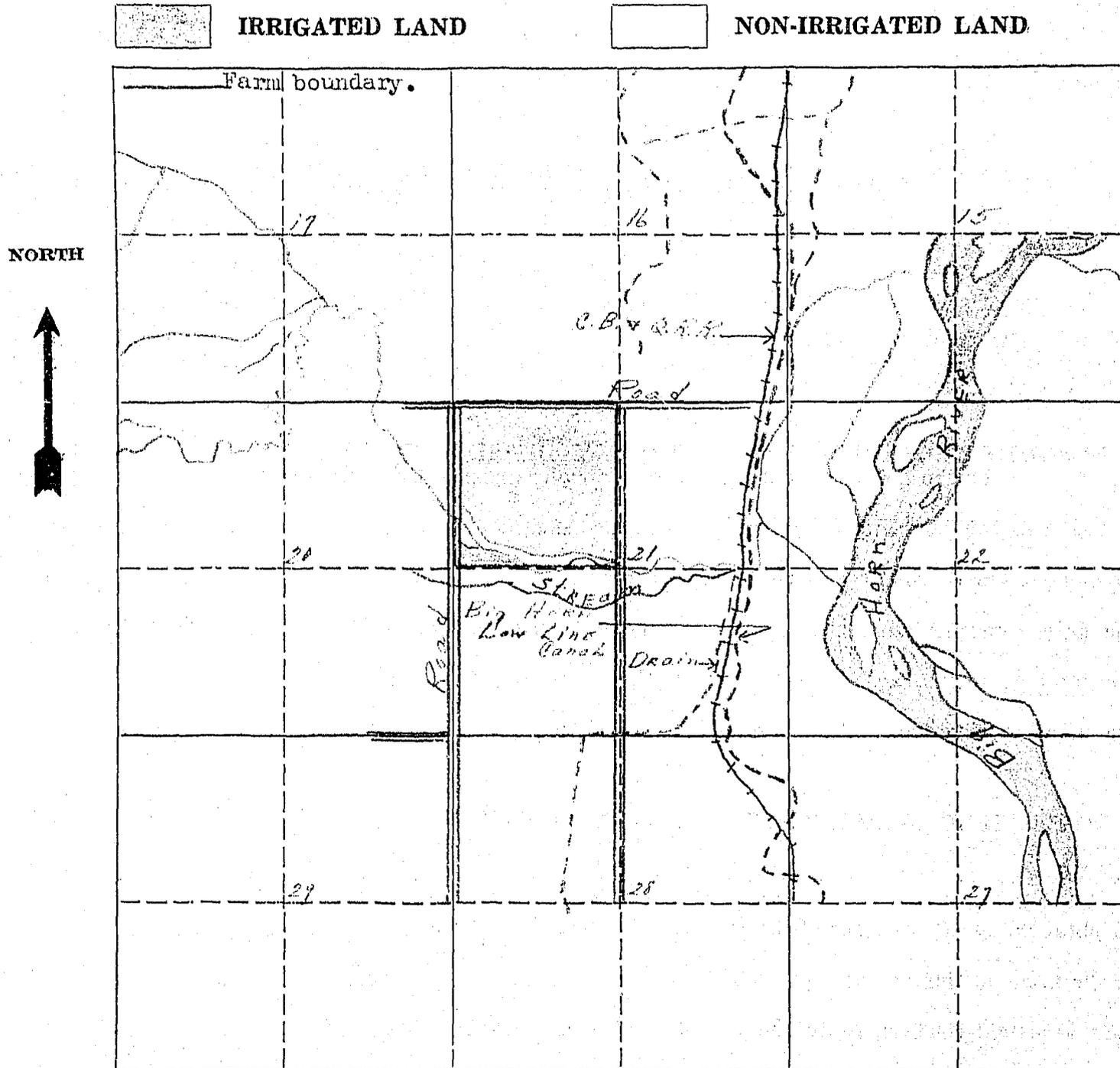
TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping _____ Other _____
11. What is the greatest number of acres you have irrigated? _____ Date _____
12. How many acres did you irrigate in 1945? (Crop and pasture) 145
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 11000 This land is under what ditch? _____
14. How many acres of seeped land do you have which could be drained and put into production? _____
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes No _____ Explain _____
17. REMARKS: High water down lower part of canal

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm. NW¹, Sec. 21 - Twp. 1 No., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A. and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Leasing Canals Acres: 145

Ditch: _____ Acres: _____

Information supplied by:

Name: Field Club Address: _____ Date: Oct 2-45

REMARKS: Measured average yield

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Loggins W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches..... Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary..... Basin.....

5. Point of Diversion Head-gate in S E 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream.....

6. Purpose Irrigation, domestic and water-power.

7. Description of System Concrete head-gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 33 ft. bottom, 51 ft. top, 6 ft. deep. Runs N E.

8. Land Description of Intended Place of Use Twp. 2 S Rge. 33 E
1 S 33 E
1 N 33 E
2 N 33 E
3 N 33 E
3 N 34 E

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water
et al= R.E. Shepherd, C.M. Bair, and J.E. Edwards.

Decree

10. Case No..... Date..... Amt. Decreed: M. I..... C. F. S.....

11. To Whom Decreed..... Address.....

12. Name of Ditch..... Maximum Capacity (C. F. S.).....

13. Date of Priority..... Purpose.....

14. Land Description of Place of Use as Decreed.....

15. Remarks (Present Use Status, etc.).....

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 192

Owner Heller, Henry Address Hardin, Mont.

AAA Owner " " Address

Operator Clouse, Phillip Address Hardin, Mont.

New Owner Stricker, Edward & Jun Mikami Address Hardin, Mont.

New Operator Address

Assessment Record NW 1/4 Sec. 21 1 N. 33 E.

Assessed Acreage 145.0

Legal Description of This Farm NW 1/4 Sec. 21 1 N. 33 E.

Total Acres in Farm 160.0

Code Number 21 B

Photo No. 243-78

AAA Contract No. 277

AAA Total Cropland Acreage 131.0

App. No. 335-336-337-339-345

Decree No.

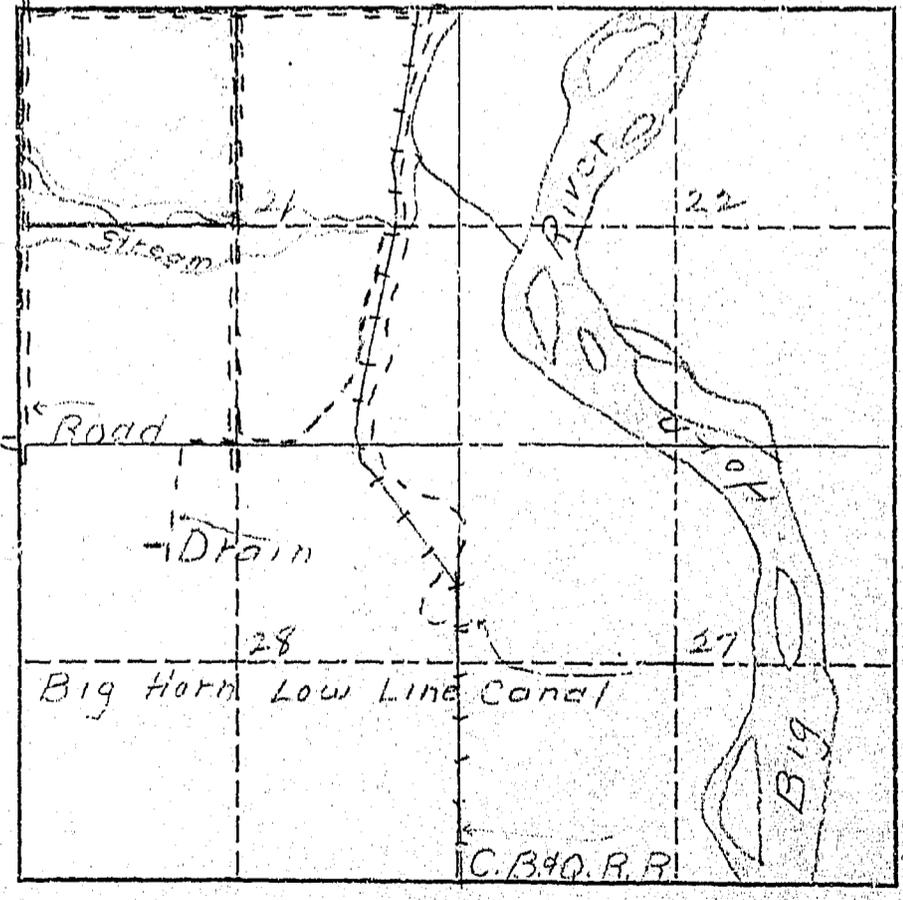
Land is located in
Twp. 1 N Rge. 33 E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1 N Rge. 33 E

Remarks

Farm Map



January 12, 1946

Mr. Henry Adler
Hardin, Montana

Dear Mr. Adler:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon, and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Mr. Henry Adler

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

February 14, 1946

Henry Adler
Hardin, Montana

Dear Mr. Adler:

On January 13, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

March 18, 1946

Mr. Henry Adler
Hardin, Montana

Dear Mr. Adler:

On January 12, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 15th, we sent you another letter asking you to submit the information we had requested to us as soon as possible. To date we have not heard from you regarding this matter.

"It is hereby declared to be a policy of the state and necessary for the welfare of the state and its citizens, that the waters of this state, and especially inter-state streams arising out of this state, be investigated. The State Engineer shall, either before or after the bringing of such actions (to adjudicate the waters of any stream and its tributaries in any county traversed by said stream), upon the direction of the State Water Conservation Board, or upon the directions of the court, do all things, make all surveys, and perform all services required by said board or others who may be interested therein, including the courts of this state."

In order to protect the water rights of the water users in this state, it is mandatory that the State Engineer have the information that we have asked you to submit to this office. If you have sold the piece of land about which we wrote you, will you please give us the name and address of the new owner.

We expect to hear from you in the very near future.

Very truly yours,

/s/ Gerald J. Oravetz
Ass't State Engineer

GJO:pw

Appropriations:

According to our records the following notices of appropriations were filed
and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew,
filed for 750 Cubic Feet per second from Big Horn River, recorded in
Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic
Feet per second from Big Horn River, recorded in Miscellaneous Records,
Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun,
Seth H. Hastings, Chas. C. Danielson, Harry Rosemond, Frank J. Eder, John Reno,
Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous
Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins
Water Users Association) filed for 600 Cubic Feet per second from Big Horn
River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell,
President) filed for 250 Cubic Feet per second from Big Horn River, recorded
in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if
they are, mark them "Yes".



FRED E. BUCK, STATE ENGINEER
GERALD J. CRAVETZ, ASSISTANT

STATE OF MONTANA

STATE ENGINEER

BILLINGS, MONTANA

February 14, 1946

Henry Adler
Hardin, Montana

Dear Mr. Adler:

*Mr Adler doesn't own any land in
Big Horn County.*

On January 12, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall".

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Cravetz

Gerald J. Cravetz
Ass't State Engineer

GJO:ef:tk
E.

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

May 6, 1946

Mr. Edward Strecker
c/o Jun Mikami
Hardin, Montana

Dear Mr. Strecker:

On April 5, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Big Horn County.

To date we have not heard from you. With the vast water development program now being planned on the Big Horn River by Federal Agencies, it is essential that we have this information in order to show the extent of our water use and our water rights in the Big Horn Basin in Montana. This information is necessary and vital if we are to protect our present water users and the rights they have against future irrigation, navigation, power, and flood control enterprises in this area. We are asking you for this information because we feel it is the democratic way. We also feel that you are more qualified to give us this information about your irrigated land than anyone else because it is part of your business. It may be that you were busy with your farm work, or some unforeseen thing happened at the time our first letter was received and you put it aside to be answered at some other time and have forgotten all about it. All information received by us is strictly confidential, and is only used to record and tabulate the water use in the Big Horn area.

Water is as necessary to the farmer as the soil in which he plants. Without it no crops will grow - no living thing can survive. It is your water that we are trying to protect so that you will have plenty now and in the future. We must keep Montana's water in Montana. The only way we can do this is by having the support of each and every water user so that we have 100% representation of all water users. Remember - "United we stand, divided we fall."

In order to facilitate this work, a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. Any time you are in Billings, we will appreciate your calling on us.

Hoping to hear from you in the very near future, I am

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:pw

P.S. If you cannot supply us with the information requested, it may be that you can tell us of someone who can.

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 274 County Big Horn Twp. North Rng. 33 East

Name of Owner McKay Jean I. Address Roberts, Mont.

Name of Operator Wickman John Address Hardin Mont.

Total Number of Acres in Farm 160 Number of Acres Irrigated in 1940 126

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description N44W 21-14-33E

LC 160

John Wickman

Appropriations:

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Ballew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County; (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 8, Big Horn County; (336)

On March 11, 1907, Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County; (337)

On June 15, 1909, J. E. Edwards, R. E. Shepherd, and C. M. Bair (Two Leggins Water Users Association) filed for 600 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County; (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "yes."



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Form WR-1-10M 8-45

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 21 E

County Big Horn

T. 1 N. R. 33 E.

Name of Land Owner Strecker, Edward Address Hardin, Montana
c/o Jun Mikami

Name of Operator Address

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- Water is delivered by: Two Leggin ditch
Name of Ditch, Ditch Company or District supplying water
- State the number of acres you irrigate under this system. 145 Shares you hold
- If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- In what year was this land first irrigated? Date
- Give the name of the original appropriator (first user):
- Give the date appropriated. Amount filed on: Miners Inches. C. F. S.
- State the total number of acres irrigated under this system:
- Give the point of diversion: $\frac{1}{4}$ $\frac{1}{4}$ Section Township Range

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

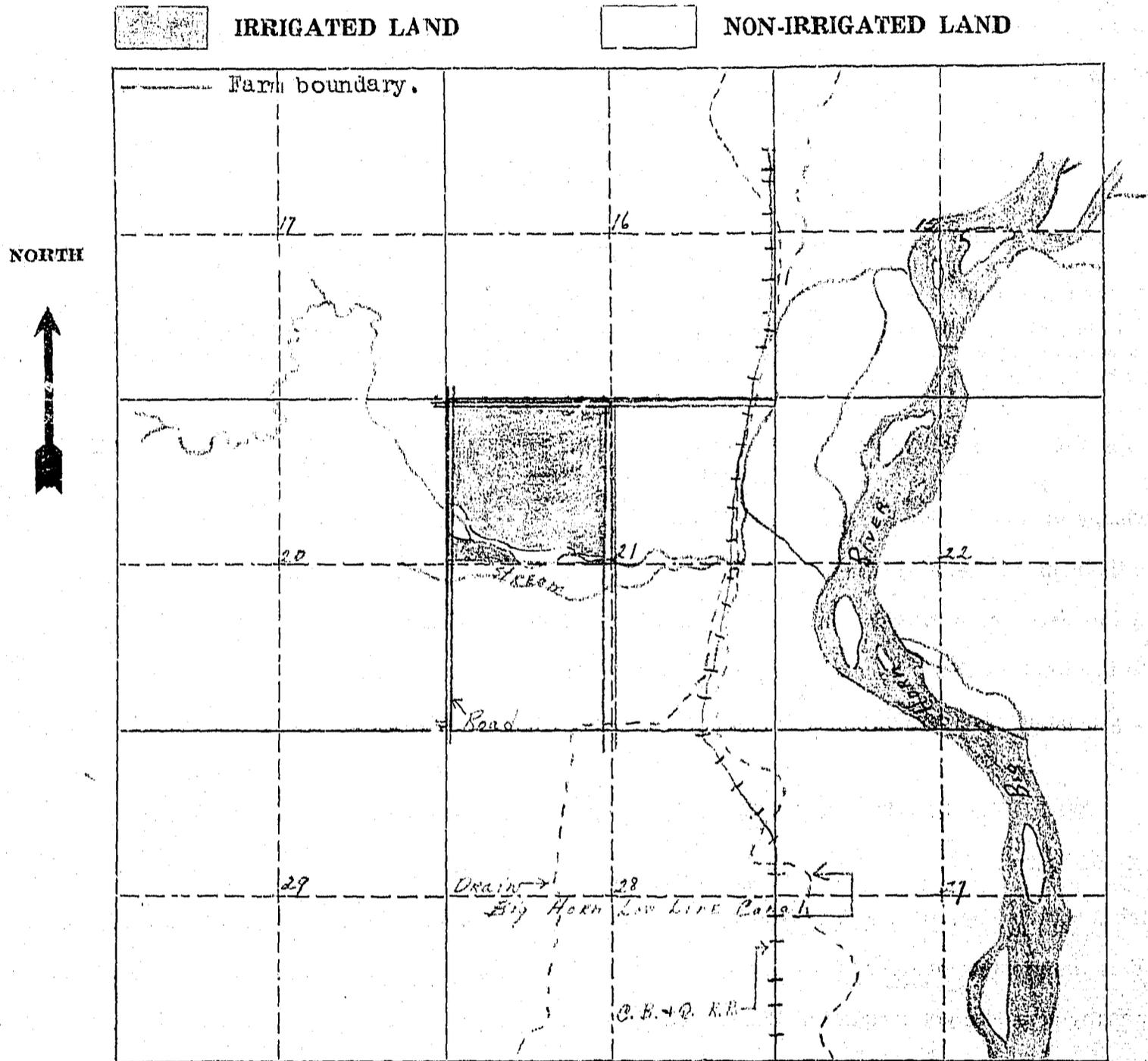
- Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- Water is obtained by: (Check one) Gravity Pumping Other
- What is the greatest number of acres you have irrigated? Date
- How many acres did you irrigate in 1945? (Crop and pasture) 145
- State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. This land is under what ditch?
- How many acres of seeped land do you have which could be drained and put into production?
- What is the condition of your irrigation system? good
- Is your water supply adequate? Yes No Explain
- REMARKS:

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... NW $\frac{1}{4}$, Sec. 21 - Twp. 1 No., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: *Two Legginer ditch* Acres: *145*

Ditch: _____ Acres: _____

Information supplied by:

Name: *Edward Stricker* Address: *Hardinmont* Date: _____

REMARKS: This map is according to our records. Please change it if it is not correct. That is, if we show more irrigated land than you have, X it out; if we have not enough, draw it in.

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as possible.



STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 21 A
County Big Horn
T. 1 N. R. 33 E.

Name of Land Owner Strecker, Jacob Address Hardin, Montana

Name of Operator Strecker, Ed Address Hardin, Montana

Part A

TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
A DITCH COMPANY OR IRRIGATION DISTRICT

- 1. Water is delivered by: Two Leggin Ditch (Two Leggin Water User Assoc)
Name of Ditch, Ditch Company or District supplying water
- 2. State the number of acres you irrigate under this system. 122 Shares you hold 122
- 3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
or those who have a private water right under a Ditch Company

- 4. In what year was this land first irrigated? Date.....
- 5. Give the name of the original appropriator (first user):
- 6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
- 7. State the total number of acres irrigated under this system:.....
- 8. Give the point of diversion:..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

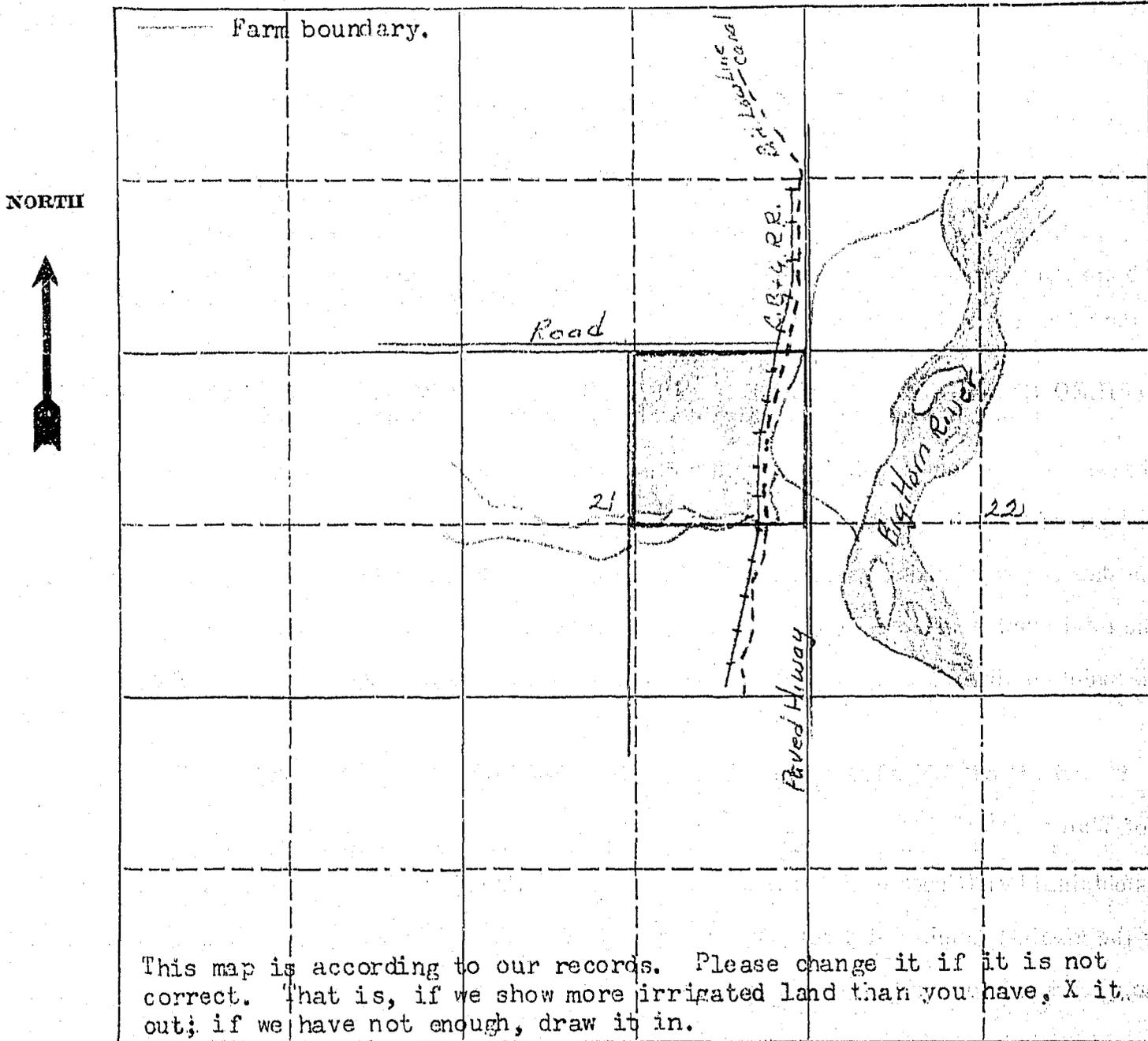
- 9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
- 10. Water is obtained by: (Check one) Gravity Pumping..... Other.....
- 11. What is the greatest number of acres you have irrigated? 122 Date.....
- 12. How many acres did you irrigate in 1945? (Crop and pasture) 122
- 13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. None This land is under what ditch?
- 14. How many acres of seeped land do you have which could be drained and put into production?.....
- 15. What is the condition of your irrigation system? Good condition
- 16. Is your water supply adequate? Yes No..... Explain.....
- 17. REMARKS:.....

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm... NE 1/4, Sec. 21 - Twp. 1 N., Rge. 33 E.

IRRIGATED LAND NON-IRRIGATED LAND



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Acres:

Ditch: *two leggin* Acres: *1.2*

Information supplied by:

Name *Frank E. Stouffer* Address *Hardenmont* Date *Jan 14*

REMARKS:

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggings W.U.A.

Notice of Appropriation

1. County Big Horn Book A Page 53 Record Misc.

2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.

3. Date Appropriated 6/11/09 Date Filed 6/15/09

Amount Appropriated, Miners Inches _____, Cubic Feet per second 600

4. Name of Stream Big Horn River Tributary _____ Basin _____

5. Point of Diversion _____

Head-gate in S.E. 1/4

Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

6. Purpose Irrigation, domestic and water-power

7. Description of System Concrete head gate with 5 gates 6 ft. wide, 6 ft. deep.
Canal 73 ft. bottom 51 ft. top, 6 ft. deep. Runs S E.

8. Land Description of Intended Place of Use

Twp. 2 S	Rge. 33 E
1 S	33 E
2 N	33 E
3 N	33 E
4 N	33 E
5 N	34 E

9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.

et al= R.E. Shepherd, C.M. Bair, and J.E. Edwards.

Decree

10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____

11. To Whom Decreed _____ Address _____

12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____

13. Date of Priority _____ Purpose _____

14. Land Description of Place of Use as Decreed _____

15. Remarks (Present Use Status, etc.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 193

Owner Strecker, Jacob

Address Hardin, Mont.

AAA Owner " "

Address

Operator Strecker, Ed

Address Hardin, Mont.

New Owner

Address

New Operator

Address

Assessment Record NE 1/4 Sec. 21

1 No. 33 E

Assessed Acreage 100.0

Legal Description of This Farm NE 1/4 Sec. 21 -

1 No. 33 E

Total Acres in Farm 160

Code Number 21 A

Big Horn Low Line Canal Farm Map

Photo No. 243-78

AAA Contract No. 342

AAA Total Cropland Acreage 112.0

App. No. 335-336-337-339-345

Decree No.

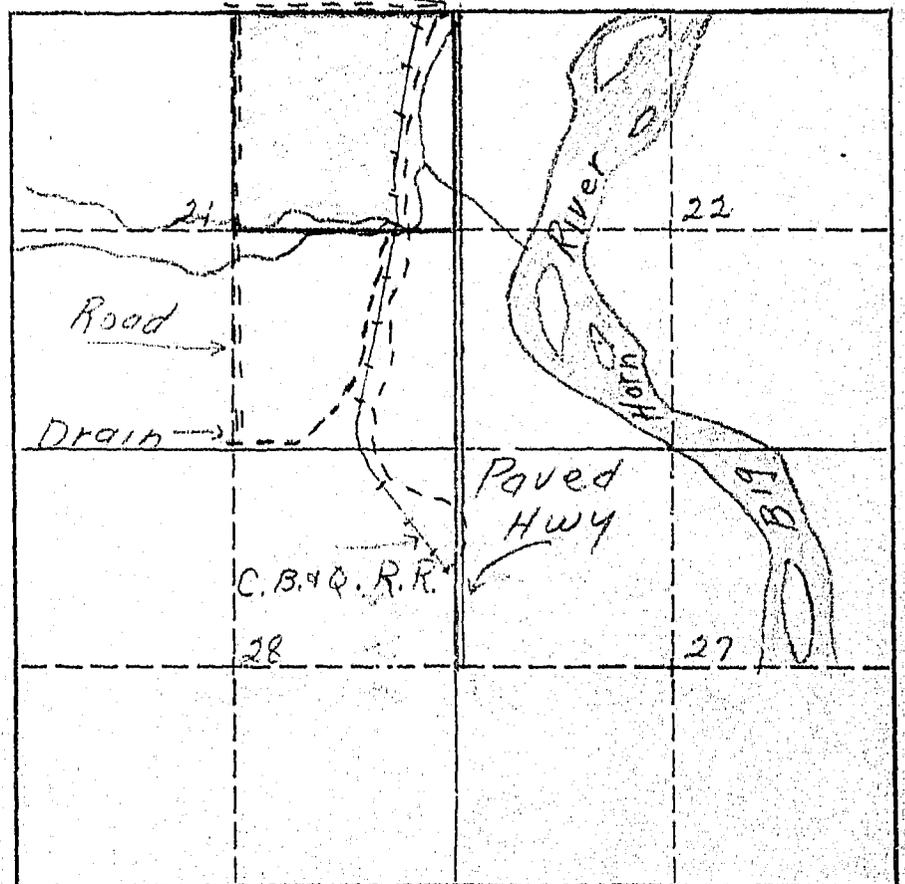
Land is located in

Twp. 1N Rge. 33E Twp. Rge.

Twp. Rge. Twp. Rge.

Filed in Twp. 1N Rge. 33E

Remarks



January 12, 1946

Jacob Strecker
Hardin, Montana

Dear Mr. Strecker:

Ref: Irrigated land and water rights
in Big Horn County

In order that we in Montana will be able to present facts as to the amount of land we are now irrigating, protect our water rights, and keep Montana water in Montana, the Montana State Legislature enacted a law (Sec. 349.68 Montana Session Laws) requiring the State Engineer to investigate and prepare a complete record of all water rights in the state. In compliance with this law all water users in Big Horn County are being requested to supply information regarding their use of water, whether or not they are under a ditch company, Indian service projects, have land adjudicated, such as the Powers Case, or have a private water right and diversion system. We are, therefore, asking you to help us by answering the questions on the enclosed form, which pertains to the land shown thereon.

The adjoining states have already compiled records of their water use in this basin for the protection of their water rights. It is, therefore, necessary that we do the same in Montana. We have completed our survey in Yellowstone, Carbon and Stillwater counties, and have had 100% cooperation from all of the water users in these counties. I am certain that we can expect the same support in Big Horn County. In the three counties where we have completed our survey we have found that there are 239,395.80 acres being irrigated, with a potential acreage under existing facilities of 60,724.61 acres. In time to come these potential acres will be irrigated, and we must plan now to have water available for these acres when they are ready to be irrigated and put into cultivation. We feel sure that we will find this same percentage of irrigable acres under existing facilities in Big Horn County.

We in Montana must be vigilant and do everything possible to protect the rights we have. These rights have been challenged by interests outside the State of Montana, particularly the navigation interests of down-stream states, and also the water users in the neighboring states through which our interstate streams flow. In order to protect our water rights we must have a record of them and of their present uses. We feel that the only way we can obtain this

Jacob Strecker

-2-

January 12, 1946

information accurately is from the water users, or the man that is on the land. We have been working for the past seven months in Big Horn County checking farm by farm. The results of this survey are shown on the map on the enclosed form. In order to have a further check, we want you to verify our classification of the land you irrigate. If there is any information that we have compiled on this form which is not correct, we would like to have you change it. We also are depending on you to fill in the questions on this form and mail it to us in the self-addressed envelope at your earliest possible convenience.

In order to facilitate this work a branch office of the State Engineer has been established in Billings and is located in the Roosevelt School Building on Twenty-third Street and Fourth Avenue North. If there is anything that is not clear, we would appreciate your calling on us.

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

GJO:ef:tk

Encl.

P.S. These forms are the property of the State of Montana and must be returned.

According to our records the following notices of appropriations were filed on and cover your land.

On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine and Thomas S. Ballew filed for 750 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 46, Big Horn County. (335)

On January 2, 1907, Henry Gerharz and Charles F. Stocker filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous records, Book A, Page 8, Big Horn County. (336)

On March 11, 1907, the Big Horn Water Users Association (7 directors - C. C. Calhoun, Seth H. Hastings, Chas. G. Danielson, Harry Rosemond, Frank J. Eder, John Reno, Frank H. Church) filed for water from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 48, Big Horn County. (337)

On June 15, 1909, J. E. Edwards, R. B. Shepherd, C. M. Bair (Two Leggins Water Users Association) filed for 600 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 53, Big Horn County. (339)

On November 2, 1907, Big Horn Low Line Ditch Company (through A. L. Mitchell, President) filed for 250 cubic feet per second from the Big Horn River, recorded in Miscellaneous Records, Book A, Page 27, Big Horn County. (345)

Are these appropriations now in use? If they are not, mark them "No", and if they are, mark them "Yes".

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 342 County Big Horn Twp. 1 North Rng. 33 East

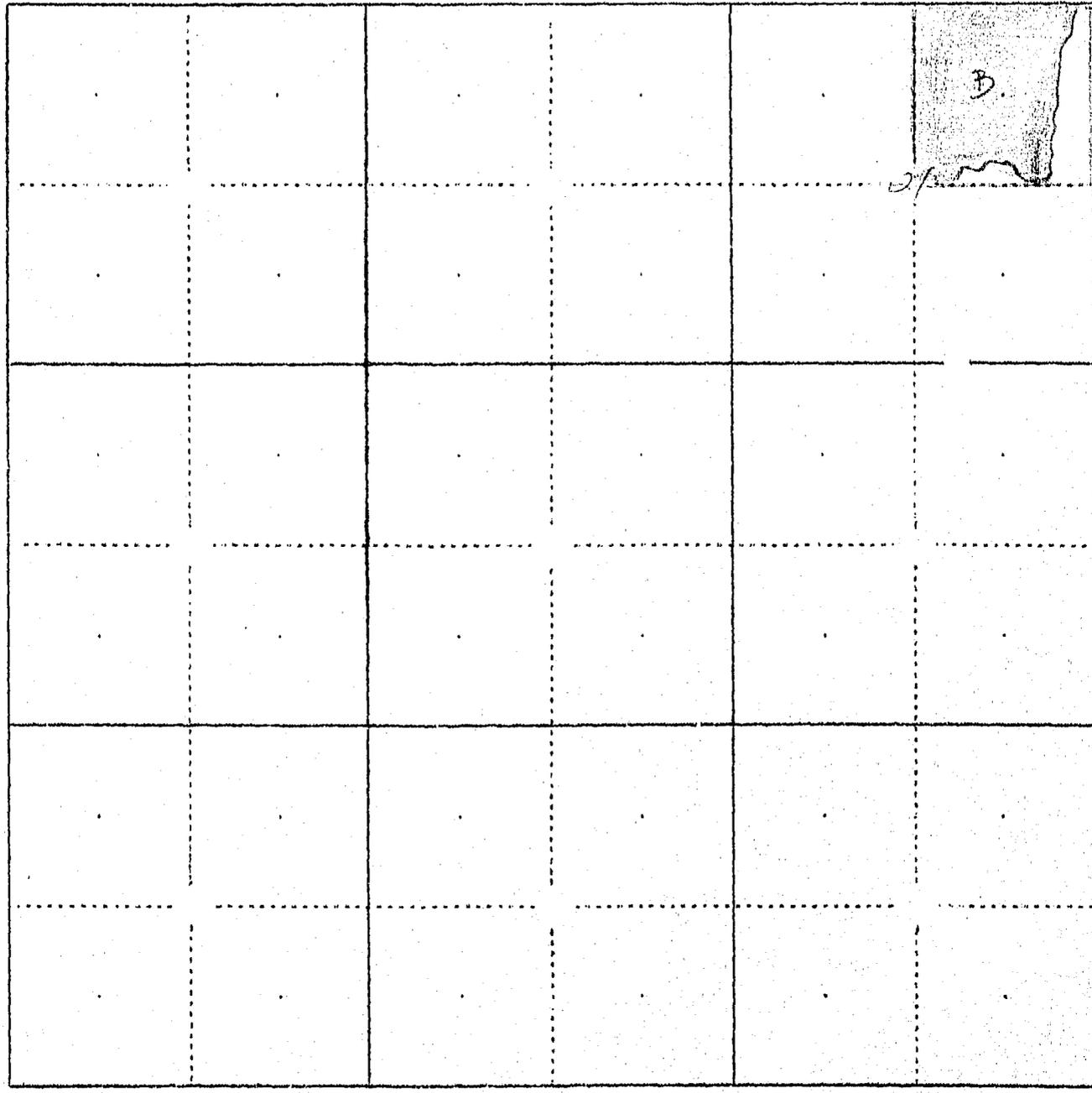
Name of Owner Strocker, Jacob Address Hardin, Mont.

Name of Operator same Address _____

Total Number of Acres in Farm 1600 Number of Acres Irrigated in 1940 112

Outline on the plat below in red pencil the boundaries of the farm unit. If possible, show in blue pencil the location of the irrigated land. The section number (s) should be clearly indicated. Obtain the legal description from county ownership records and correct boundaries if necessary.

Legal Description NE⁴ 21-1N-33E



LC 151

Handwritten note: Twp 1 North Rng 33 East



175
STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M-8-45

Code No. 4 C
 County Big Horn
 T. 1 N. R. 33 E.

Name of Land Owner Swanson, H. V. Address Hardin, Montana
 Name of Operator Swanson, H. V. Address Hardin, Montana

Part A

**TO BE FILED BY THOSE OBTAINING IRRIGATION WATER FROM
 A DITCH COMPANY OR IRRIGATION DISTRICT**

1. Water is delivered by: TWO LEGGIN CANAL *(Two Leggin Water Users Assoc)*
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 64 Shares you hold 64
3. If you obtain water from more than one Company, give the number of shares, acres irrigated and the name of the Company under "Remarks." If you obtain water from a Ditch Company and also have a private system fill in both Part A and Part B.

Part B

**TO BE FILED BY THOSE WHO HAVE A PRIVATE DITCH, PUMP OR IRRIGATION SYSTEM
 or those who have a private water right under a Ditch Company**

4. In what year was this land first irrigated? Date.....
5. Give the name of the original appropriator (first user):
6. Give the date appropriated..... Amount filed on: Miners Inches..... C. F. S.....
7. State the total number of acres irrigated under this system:.....
8. Give the point of diversion:..... 1/4..... 1/4 Section..... Township..... Range.....

Part C

TO BE FILED BY ALL WATER USERS IN ADDITION TO PART A OR PART B

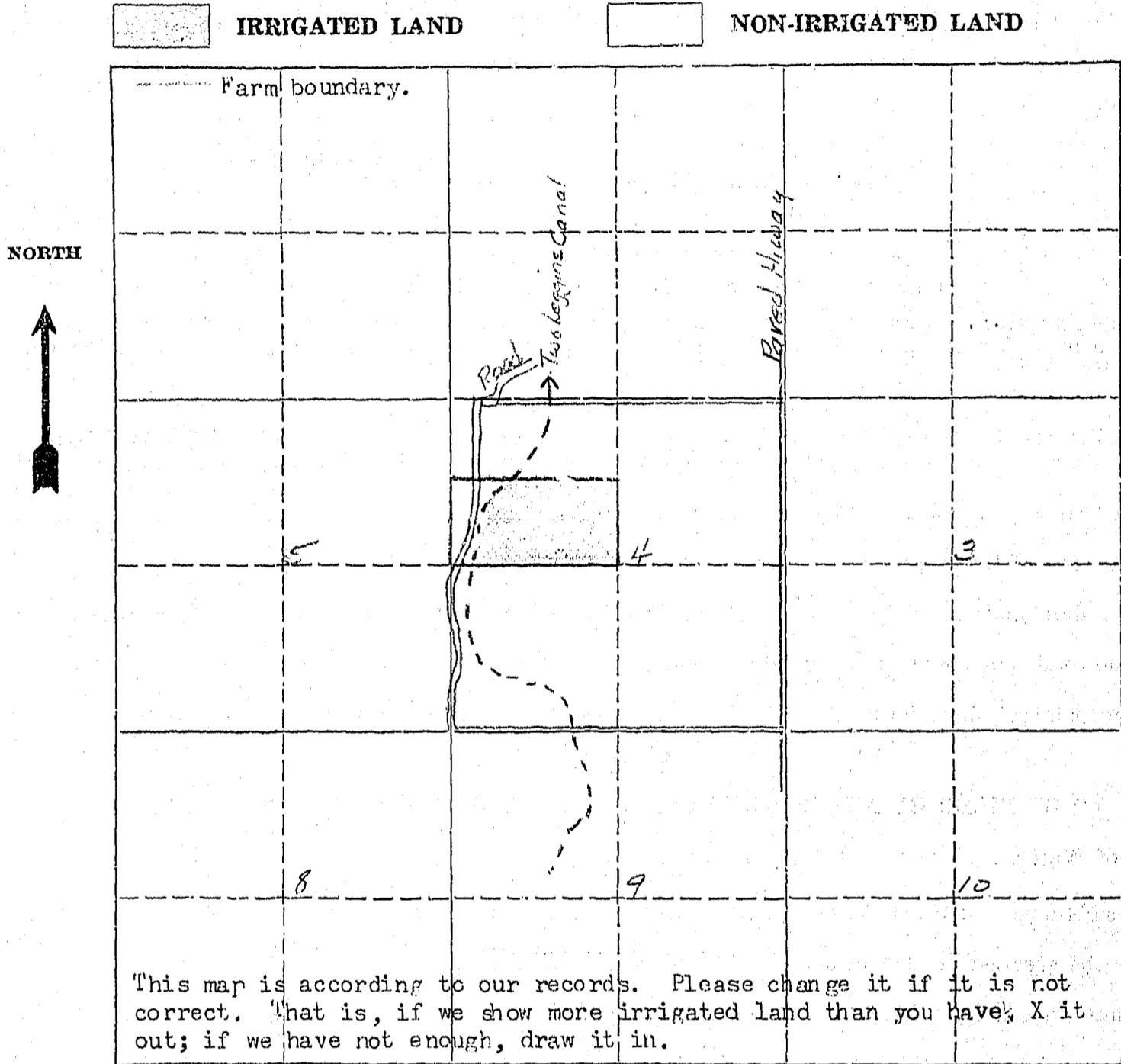
9. Source of Water: Big Horn River
Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Gravity Pumping..... Other.....
11. What is the greatest number of acres you have irrigated? 64 Date 1944
12. How many acres did you irrigate in 1944? (Crop and pasture) 64
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. none This land is under what ditch?
14. How many acres of seeped land do you have which could be drained and put into production? none
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes Yes No..... Explain.....
17. REMARKS:.....

OVER

NOTE: The foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm S¹/₄ NW¹/₄, Sec. 4 - Twp. 1 N., Rge. 33 E.



19. If the above land is irrigated from more than one ditch please give the acreage under each ditch in 19A and indicate the location of the land irrigated from each on the above map.

19A. Ditch: Two Legging Canal Acres: 64

Ditch: _____ Acres: _____

Information supplied by:

Name H. V. SWANSON Address HARDIN, MONTANA Date 1-14-46

REMARKS: _____

If you cannot answer all of the questions on this form answer as many as you can and return the form to us as soon as possible.

STATE ENGINEERS OFFICE
Water Resources Survey

Two Leggins W.U.A.

Notice of Appropriation

- 1. County Big Horn Book A Page 53 Record Misc.
- 2. Name of Appropriator Edwards, J.E. et al Address Yellowstone County, Mont.
- 3. Date Appropriated 6/11/09 Date Filed 6/15/09
- Amount Appropriated, Miners Inches _____, Cubic Feet per second 600
- 4. Name of Stream Big Horn River Tributary _____ Basin _____
- 5. Point of Diversion _____

Head-gate in S.E. $\frac{1}{4}$
 Sec. 20 Twp. 2 S Rge. 33 E Bank of Stream _____

- 6. Purpose Irrigation, domestic and water-power
- 7. Description of System Concrete head gate with 5 gates 6 ft.wide, 6 ft deep.
Canal 33 ft.bottom 51 ft.top, 6 ft.deep. Runs N E.

- 8. Land Description of Intended Place of Use

Twp. 2 S	Rge. 33 E
1 S	33 E
1 N	33 E
2 N	33 E
3 N	33 E
3 N	34 E

- 9. Remarks (Pertaining to Use, etc.) Selling and disposing of surplus water.
et al= R.E.Shepherd, C.M.Bair, and J.E.Edwards.

Decree

- 10. Case No. _____ Date _____ Amt. Decreed: M. I. _____ C. F. S. _____
- 11. To Whom Decreed _____ Address _____
- 12. Name of Ditch _____ Maximum Capacity (C. F. S.) _____
- 13. Date of Priority _____ Purpose _____
- 14. Land Description of Place of Use as Decreed _____
- 15. Remarks (Present Use Status, etc.) _____