

3011 field.

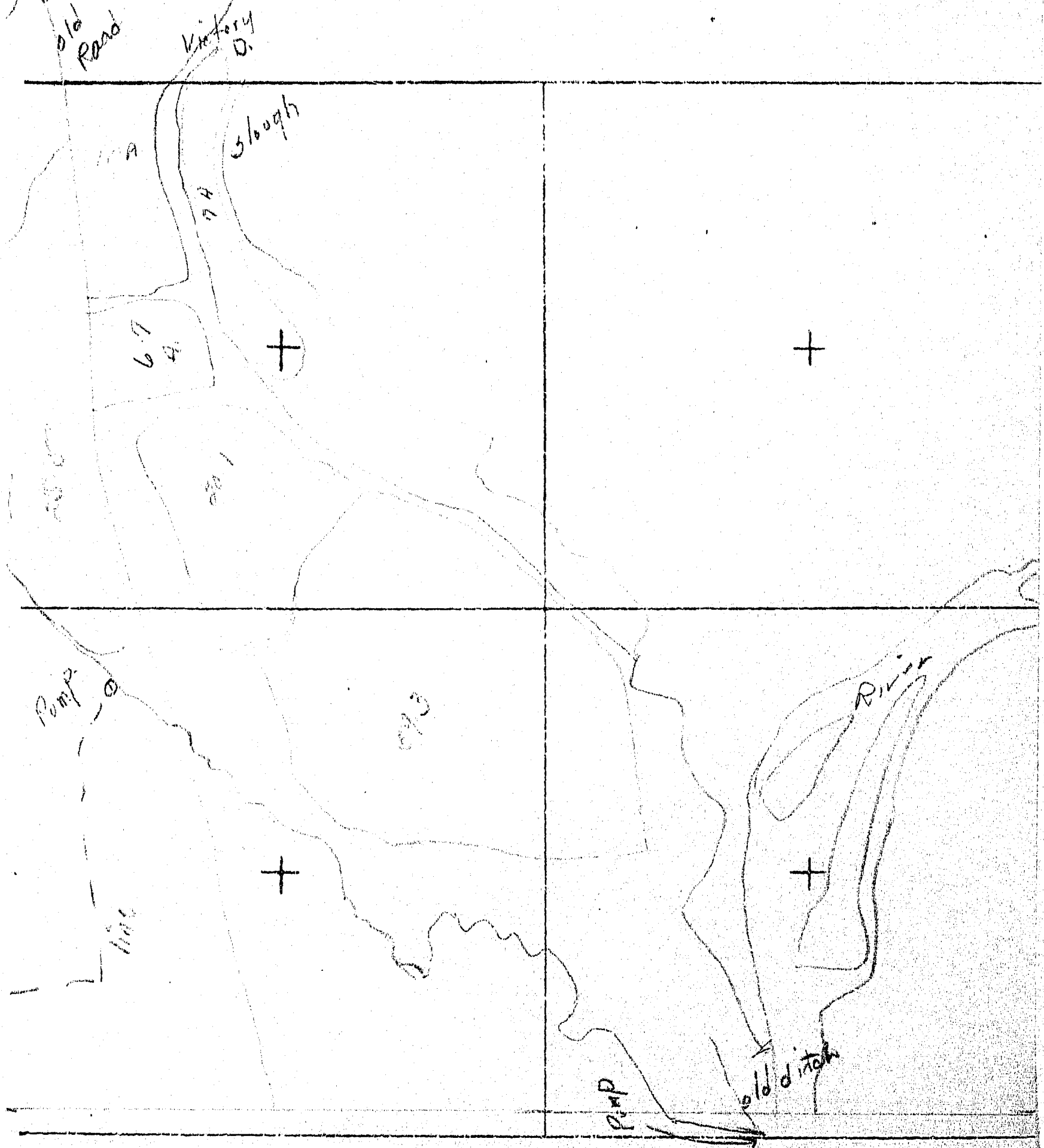
Blk 1

Kemp L & L

81-101 (Revised 8-20-62)

Location _____

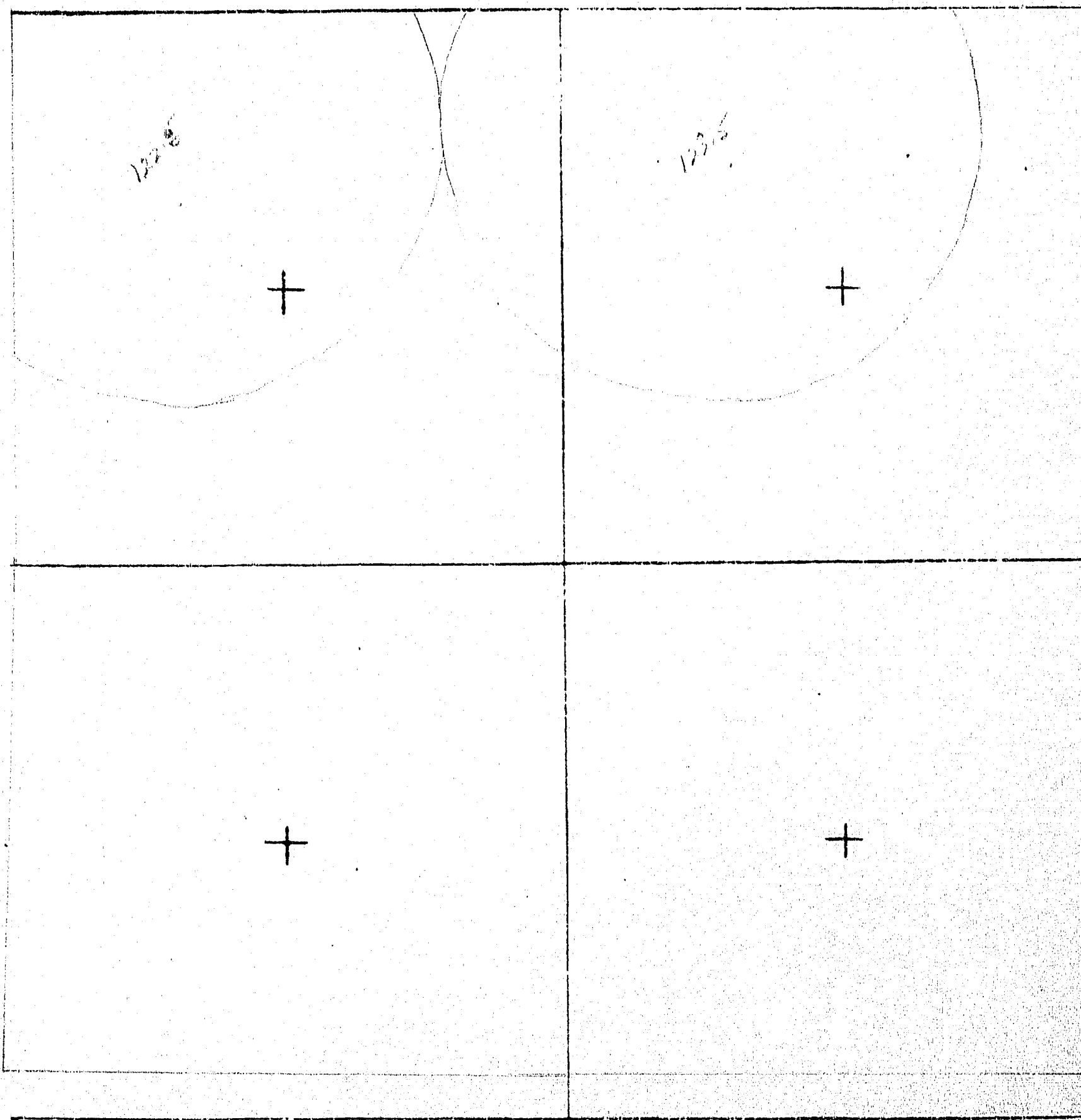
Section 5, Township 31N, Range 57E



81-101 (Revised 8-20-62)

Location C

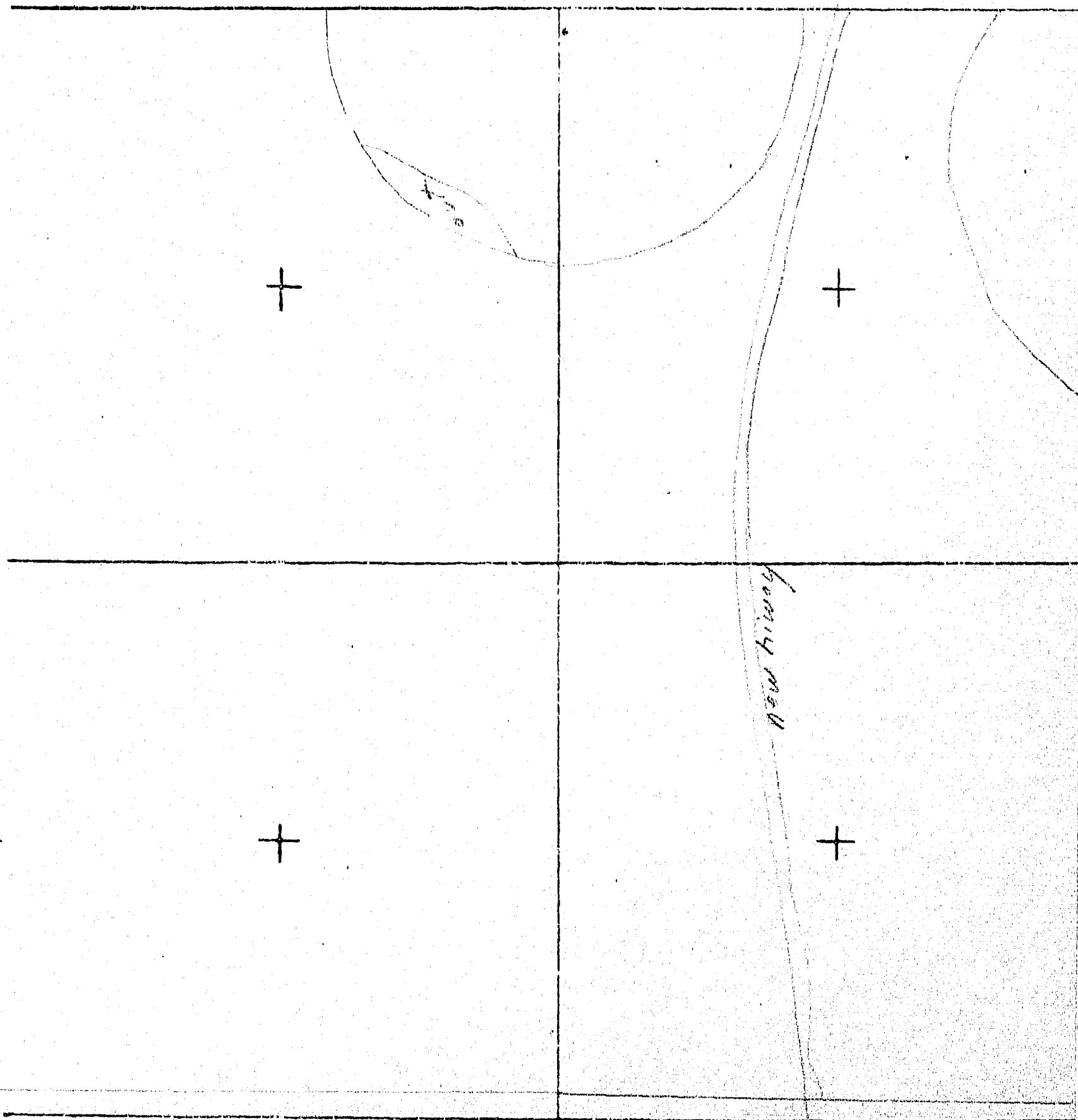
Section 7, Township 34, Range 34E



81-101 (Revised 8-20-62)

Location _____

Section 12, Township 3N, Range 33E





122

Form WR-1--10M 8-45

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 19 B, 30 B

County Big Horn

T. 3 N. R. 34 E.

Name of Land Owner Crouch, Geo. Address Custer, Montana

Name of Operator Noyes, R. G. Address Custer, 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 Canal
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. 153 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. About 1910 *see remarks*
5. Give the name of the original appropriator (first user): George Crouch
6. Give the date appropriated. About 1910 Amount filed on: Miners Inches. C. F. S.
7. State the total number of acres irrigated under this system: About 153 A.
8. Give the point of diversion: 1/4 SE 1/4 Section 20 Township 2 S. Range 33 E.
(Headgate of Two Leggings Canal)

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? 153 Date. About 1925 and since.
12. How many acres did you irrigate in 1945? (Crop and pasture) 153
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? About 6 A.
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes ☒ No ☐ Explain.
17. REMARKS: This is under Two Leggings Appropriation

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... $S\frac{1}{2}NW\frac{1}{4}$, $N\frac{1}{2}NW\frac{1}{4}SW\frac{1}{4}$, $N\frac{1}{2}$ lot 6, Sec. 29

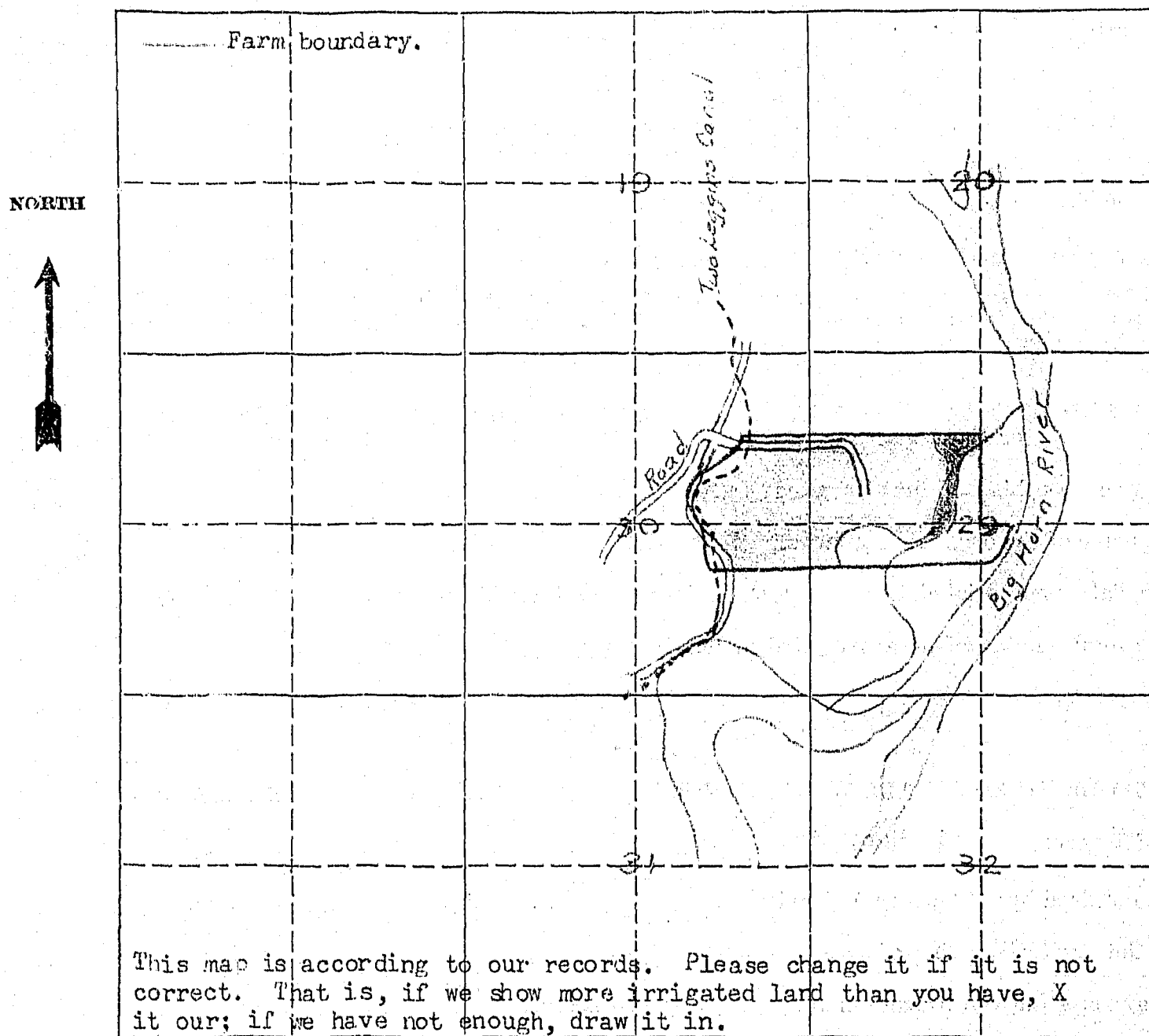
SENE - E. of canal, $N\frac{1}{2}NE\frac{1}{4}SE\frac{1}{4}$, E. of canal, Sec. 30 - T. 3 N., R. 34 E.



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 Leggings Canal Acres: 153

Ditch: _____ Acres: _____

Information supplied by:

Name George Crouch Address Custer, Montana Date Jan. 15, 1945

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 Legons. 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. E₁
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.) _____

Appropriations:

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

- (#335) 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, Page 46, Big Horn County;
- (#336) 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, Page 8, Big Horn County;
- (#345) 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, Page 27, Big Horn County.

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

I don't know.

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 122

Owner Crouch, Geo. Address Custer Mont.

AAA Owner _____ Address _____

Operator Nayer, R. G. Address Custer Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record S. 1/4 NW 1/4, N. 1/4 NW 1/4, N. 1/4 SE 1/4, Sec. 29

Tract in NESE 1/4 of Sec. 30 31/2 - 34 E

Assessed Acreage 135.0

Legal Description of This Farm S. 1/4 NW 1/4, N. 1/4 NW 1/4, N. 1/4 SE 1/4, Sec. 29

SENE 1/4 of Sec. 30, N. 1/4 NE 1/4, E. of Canal, Sec. 30 - 31/2 - 34 E.

Total Acres in Farm 193

Code Number 29 B, 30 B

Farm Map

Photo No. _____

AAA Contract No. 290

AAA Total Cropland Acreage 128

App. No. 335-336-345

Decree No. _____

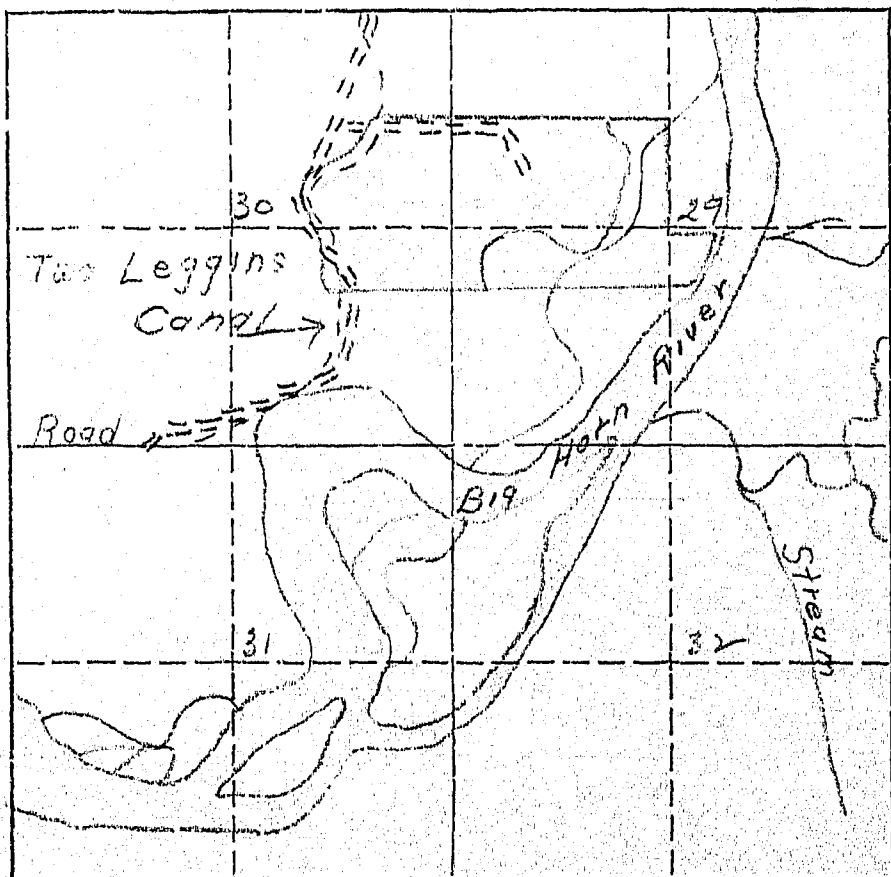
Land is located in

Twp. 31 N. Rge. 34 E. Twp. _____ Rge. _____

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

Filed in Twp. 3 N. Rge. 34 E.

Remarks _____



January 7, 1946

Mr. George Crouch
Custer, Montana

Dear Mr. Crouch:

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 Sessions 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. George Crouch

-2-

January 7, 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 appropriation were filed on and cover your land.

- (#335) 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, Page 46, Big Horn County;
- (#336) 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, Page 8, Big Horn County;
- (#345) 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, Page 27, Big Horn County.

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. 290 County Big Horn Twp. 3 North Rng. 34 East

Name of Owner Crouch, George Address Custer, Mont.

Name of Operator Same Address _____

Total Number of Acres in Farm 123 Number of Acres Irrigated in 1940 122

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 N² 6 1/2 E, N² NW⁴ SW⁴, S² NW⁴, 29 That part, S² NE⁴, Below Ditch
N² NE⁴ SE⁴, 30 - S² N - 34 E

LC 82 (29)
56 (30)
138

10
25
5
12
82

Turn back



111

rm WR-1-10M 8-45

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 17D, 19A, 20A

County Big Horn

T. 3 No. R. 34 E.

Name of Land Owner Haynie, J. R. Address Custer, 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: Two Legation Canal
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system 125 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: $\frac{1}{4}$ $\frac{1}{4}$ 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) 120
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 35 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? Fair
16. Is your water supply adequate? Yes ☒ No Explain
17. REMARKS:

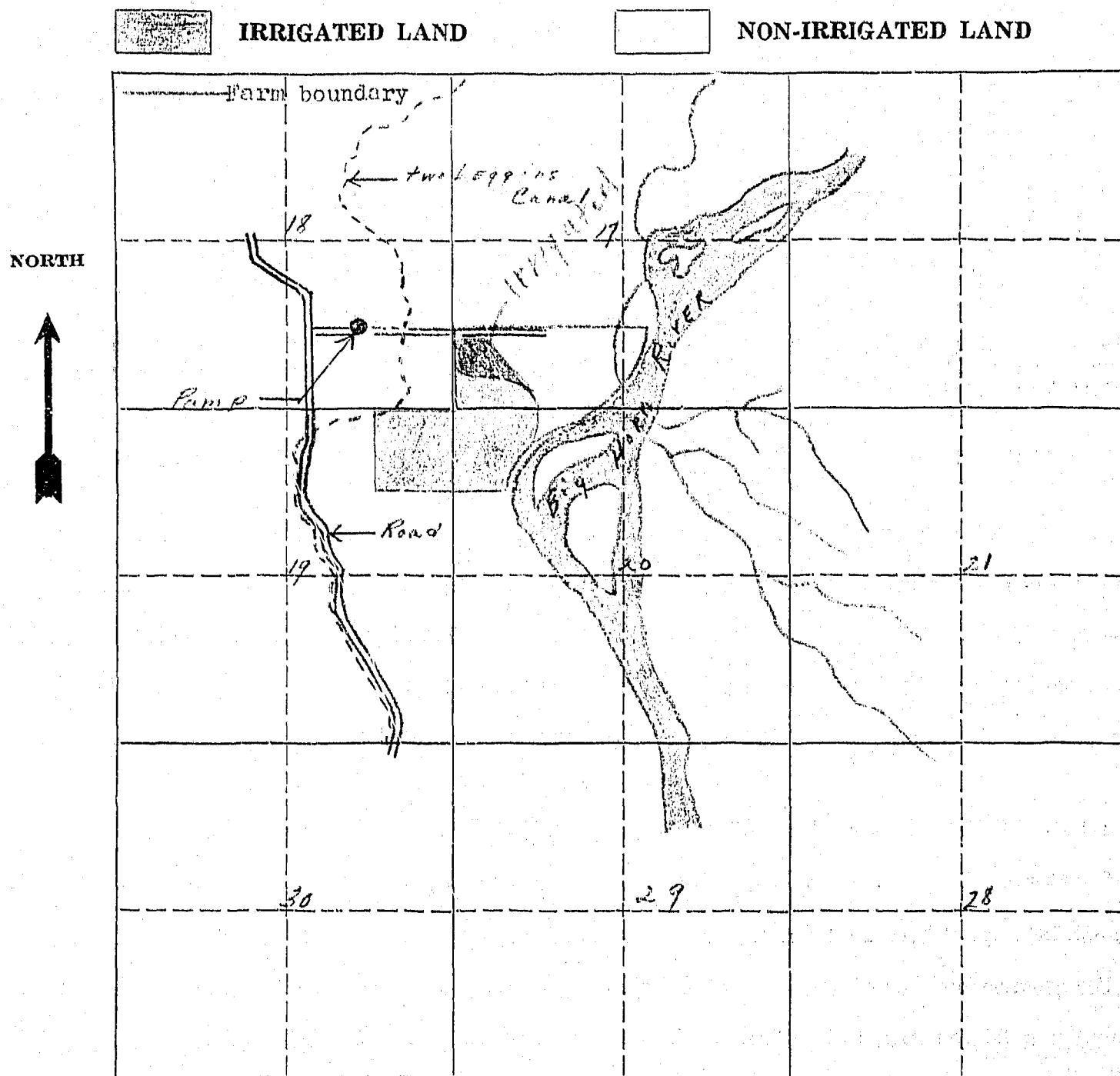
2nd end of ditch is about 1/2 mile
long 35 acres of low land that could
be irrigated by leveling
OVER

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, SWSW $\frac{1}{4}$, Sec. 17 - NE $\frac{1}{4}$, Sec. 19, Lot 2, Sec. 20.....

.....Twp. 3. No. Rge. 34 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 Leggs Canal Acres: 120

Ditch: _____ Acres: _____

Information supplied by:

Name: E. J. Bennett Address: _____ Date: July 8-46

REMARKS: Good River

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 $\frac{1}{4}$
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. <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 - 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.) _____

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 111

Owner Haynie, J. R. Address Custer Mont.

AAA Owner Haynie, J. R. Address "

Operator Haynie, Jim Address "

New Owner Address "

New Operator Address "

Assessment Record Lot 7, SWSW 4, Sec. 17 - NENE 4, Sec. 19, Lot 2, Sec. 20 - 3N 34E

Assessed Acreage 120.0

Legal Description of This Farm Lot 7, SWSW 4, Sec. 17 - NENE 4, Sec. 19 - Lot 2, Sec. 20 - 3N 34E

Total Acres in Farm 160

Code Number 17D, 19A, 20A

Photo No. 241-91, 241-92

AAA Contract No. 426

AAA Total Cropland Acreage 121.0

App. No. 335-336-345

Decree No. "

Land is located in

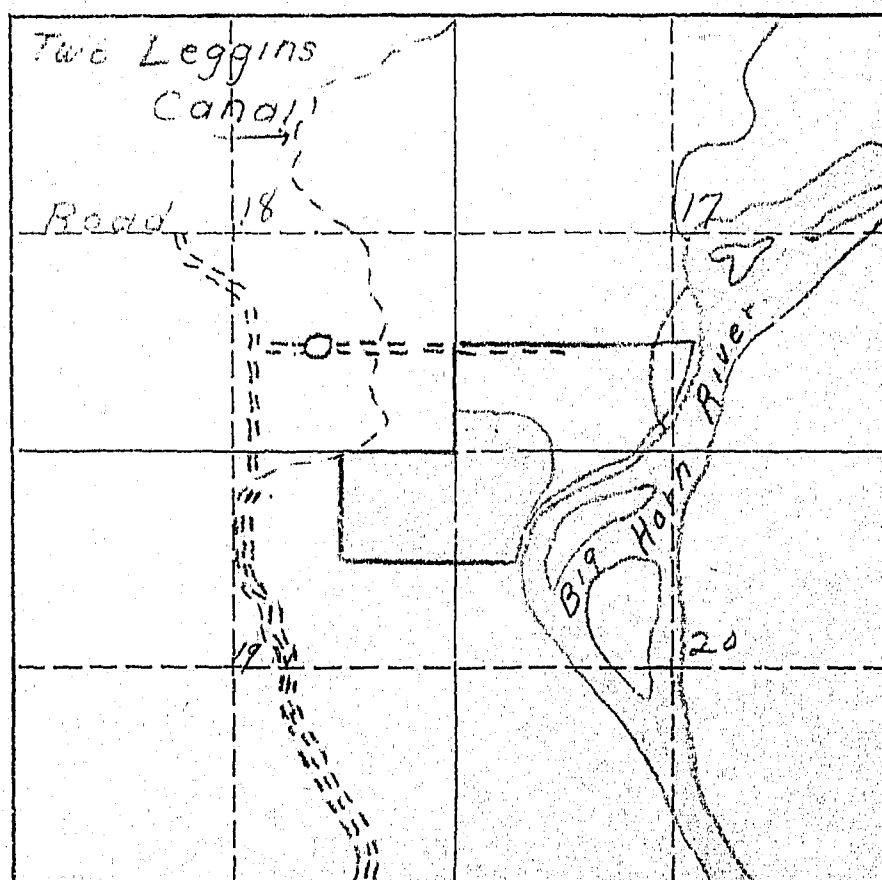
Twp. 3N Rge. 34E Twp. " Rge. "

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

Filed in Twp. 3N Rge. 34E

Remarks "

Farm Map



January 7, 1946

Mr. J. R. Haynie
Custer, Montana

Dear Mr. Haynie:

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 those 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. J. R. Haynie

-2-

January 7, 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.

As you will notice by looking at the maps on the enclosed forms, we have included the land you own and also the land you lease. When answering Question 12, under Part C, as to how many acres you irrigated in 1945, we would like to have you give us the total acreage irrigated, which will include the leased land and the land you own. On the land that is owned by the Indians it will not be necessary for you to give us any information pertaining to water rights.

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

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 appropriation were filed on and cover your land.

- (#335) On August 6, 1906, Roy McKim, C. L. Harris, F. W. Hine, and Thomas S. Fallew, filed for 750 Cubic Feet per second from Big Horn River, recorded in Miscellaneous Records, Page 46, Big Horn County;
- (#336) 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, Page 8, Big Horn County;
- (#345) 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, Page 27, Big Horn County.

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

February 14, 1946

J. R. Haynie
Custer, Montana

Dear Mr. Haynie:

On January 7, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Township 3 North, Range 34 East.

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

OJO: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 4, 1946

Mr. J. R. Haynie
Ouster, Montana

Dear Mr. Haynie:

On January 7, 1946, we sent you a letter asking for certain information pertaining to your irrigated land in Big Horn County. On February 14th, 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 interstate 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.

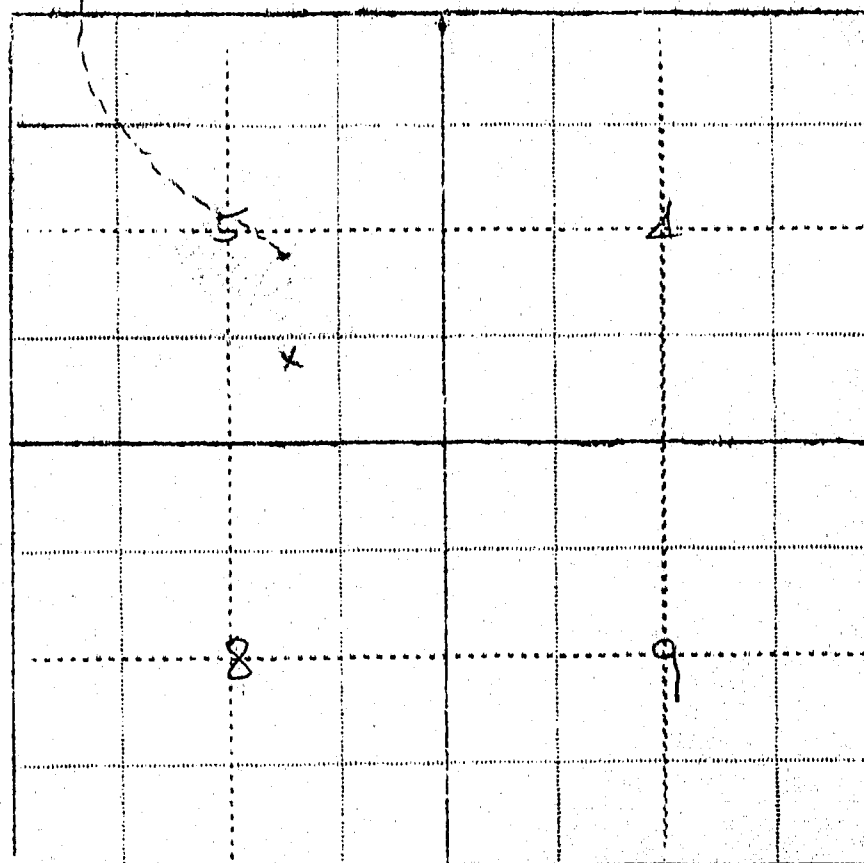
Very truly yours,

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

GJO:pw

50

12. Land Description *Sec 4.56.7 10.5x11.111 (1.5x1) Sec 5. T 34. R 34E*

[illegible]

Place

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

Photo 241-95

A.A.A. Contract No. 1186 County Big Horn Twp. 3 No Rng. 34 E

Name of Owner U.S. Indian Dept. Address Crow Agency Mont.

Name of Operator Boyer, C.O. Address _____

Total Number of Acres in Farm 282.29 Number of Acres Irrigated in 1940 16 1/2

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 descrip-
tion from county ownership records and correct boundaries if necessary.

Legal Description Lots 4, 5, 6, 7, 10, SW⁴ NW⁴, N² SW⁴, S-3 N-34 E

		12 31			
		4	5		

LC. 47.

Private Pump?

17-D
18-B

W.P. 3116
No. _____

A Study of Montana's Water Resources

Form WR-4

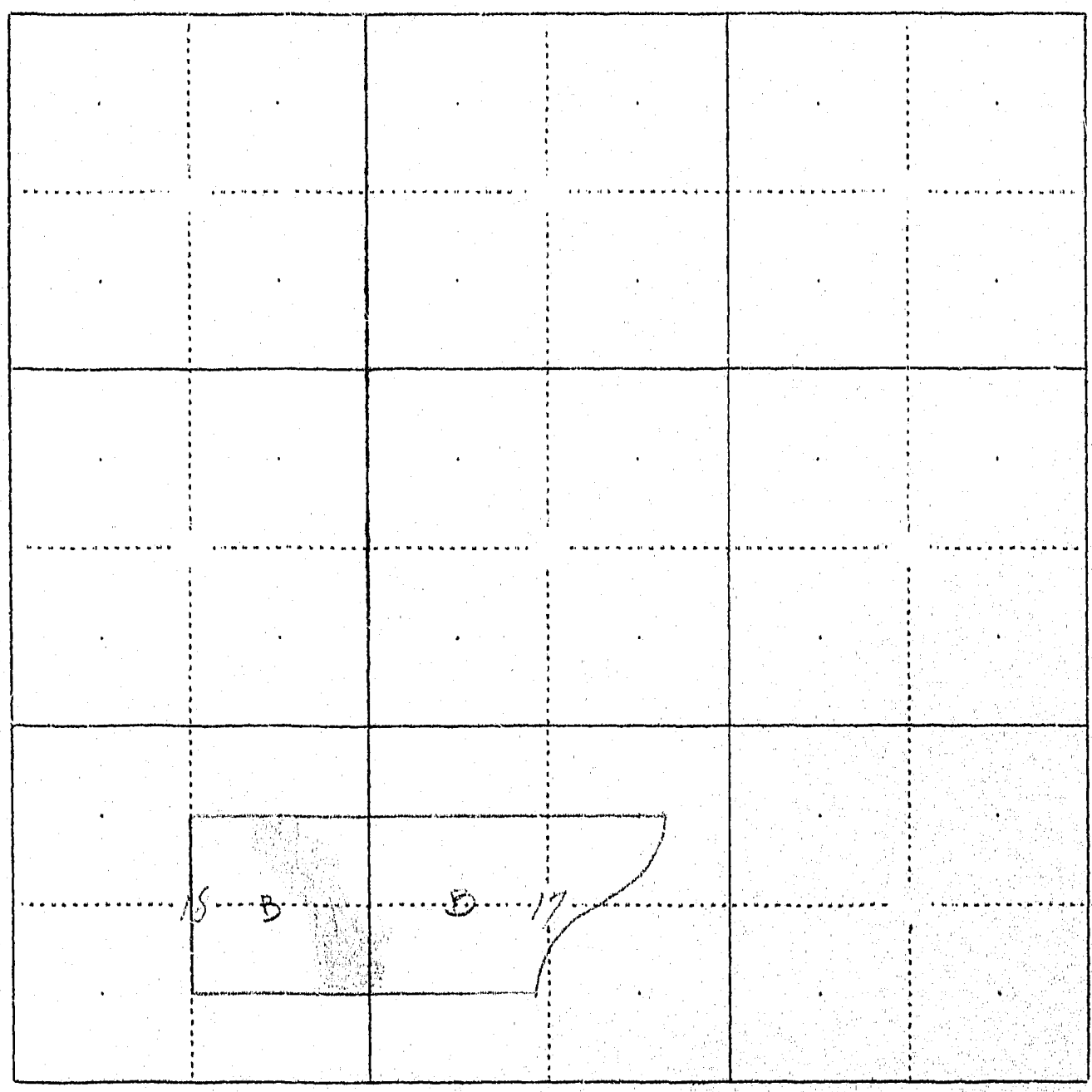
Record of a Farm under A.A.A. Program Having Irrigated Land

A.A.A. Contract No. 1202 County Big Horn Twp. 3 North Rng. 34 East
Name of Owner U.S. Indian Dept. Address Crow Agency Mont.
Name of Operator Haynes H.E. Address Custer Mont.
Total Number of Acres in Farm 397.15 Number of Acres Irrigated in 1940 87

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 descrip-
tion from county ownership records and correct boundaries if necessary.

Legal Description lots 3, 4, 6, 5² NW⁴, NW⁴ SW⁴, 17, 5² NE⁴, NE⁴ SE⁴, 18-3N-34E

24
7
31
6



LC 0
62
62
(17)
(18)

Two left
OK

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. 426 County Big Horn Twp. 3 North Rng. 34 East

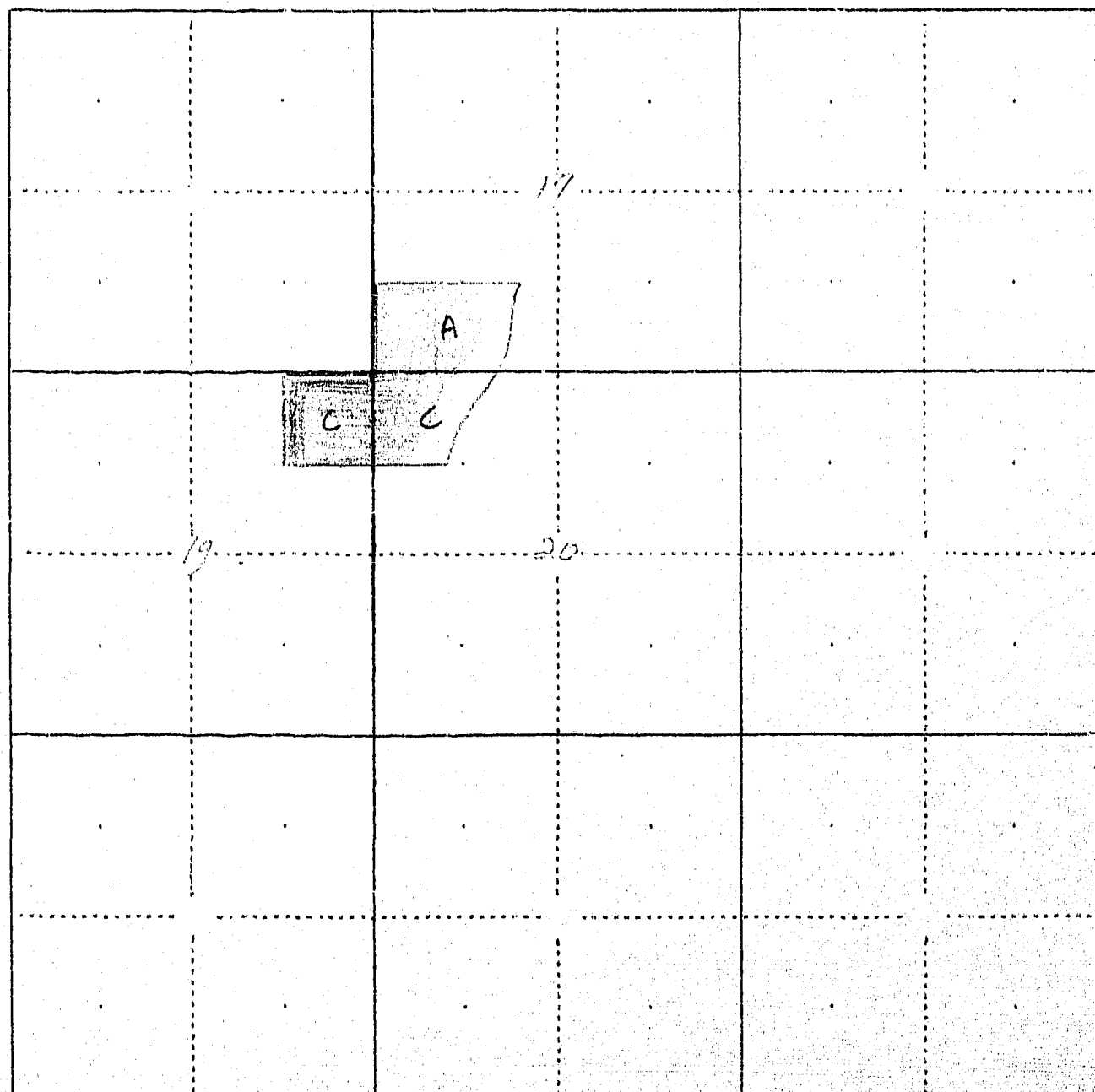
Name of Owner Hoyne, J.R. Address Custer, Mont.

Name of Operator Sam Address _____

Total Number of Acres in Farm 100 Number of Acres Irrigated in 1940 121

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 descrip-
tion from county ownership records and correct boundaries if necessary.

Legal Description Lot 7 SW¹SW⁴ 17, NE¹NE¹ 19, Lot 2-sec 20-3N-34E



LC 0 (17)
38 (19)
42 (20)
80

Two Legging



68

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WIR-1-10M 8-45
Code No. 4 B, 5 A, 8 B, 9 B
County Big Horn
T. 3 N. R. 34 E.

Name of Land Owner Benedict, Ralph Address Big Horn, Montana
Name of Operator Henman & Kelley 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: Private Ditch
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. 320.5 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 1748
5. Give the name of the original appropriator (first user): John Hoot
6. Give the date appropriated 11/16/08 Amount filed on: Miners Inches 200 C. F. S.
7. State the total number of acres irrigated under this system: 320
8. Give the point of diversion: NE 1/4, NW 1/4 Section 16 Township 3 N Range 34

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? 320.5 Date 1745
12. How many acres did you irrigate in 1945? (Crop and pasture) 320.5
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? Private Ditch
14. How many acres of seeped land do you have which could be drained and put into production? 710
15. What is the condition of your irrigation system? Good
16. Is your water supply adequate? Yes ☒ No ☐ Explain
17. REMARKS:

H. L. B.
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 W¹/₂, Sec. 4; lots 1, 2, 3, 8, 9, 12, Sec. 5; T. 3 N., R. 34 E.
NW¹/₄, Sec. 9; lots 1, 4, Sec. 8, T. 3 N., Rge. 34 E.

	IRRIGATED LAND	NON-IRRIGATED LAND	
<p>NORTH</p> 	<p>----- Farm boundary.</p>		
	6	5	4
	7	8	9
	<p>Big Horn River</p>		
	<p>ALL IRRIGATED</p>		
	<p>stream</p> <p>stream</p> <p>Pump</p>		

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.

Land shown
as in
Heinrich est.
Dubuque, Iowa

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: Private Ditch Acres: 320.5

Ditch: _____ Acres: _____

Information supplied by:

Name E. L. Kepp Address Hardin Mont Date 2-25-46

REMARKS: Taken in office by Hans Bolle

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. 68

Owner Herman & Kelley Address _____

AAA Owner Benedict Rolan Address Big Horn Mont

Operator Herman & Kelley Address Hardin Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record None

Assessed Acreage _____

Legal Description of This Farm W¹ Sec. 11 lots 1-2-3-8-9-12 - Sec. 5. 3N-34E.

NW⁴ Sec. 9 - lots 1-4 - Sec. 8. 3N-34E.

Total Acres in Farm 640

Code Number 4B-5A-8B-9B

Photo No. 256-233 243-93,

AAA Contract No. 1559

AAA Total Cropland Acreage 1100

App. No. 11 - 335-336-345

Decree No. _____

Land is located in

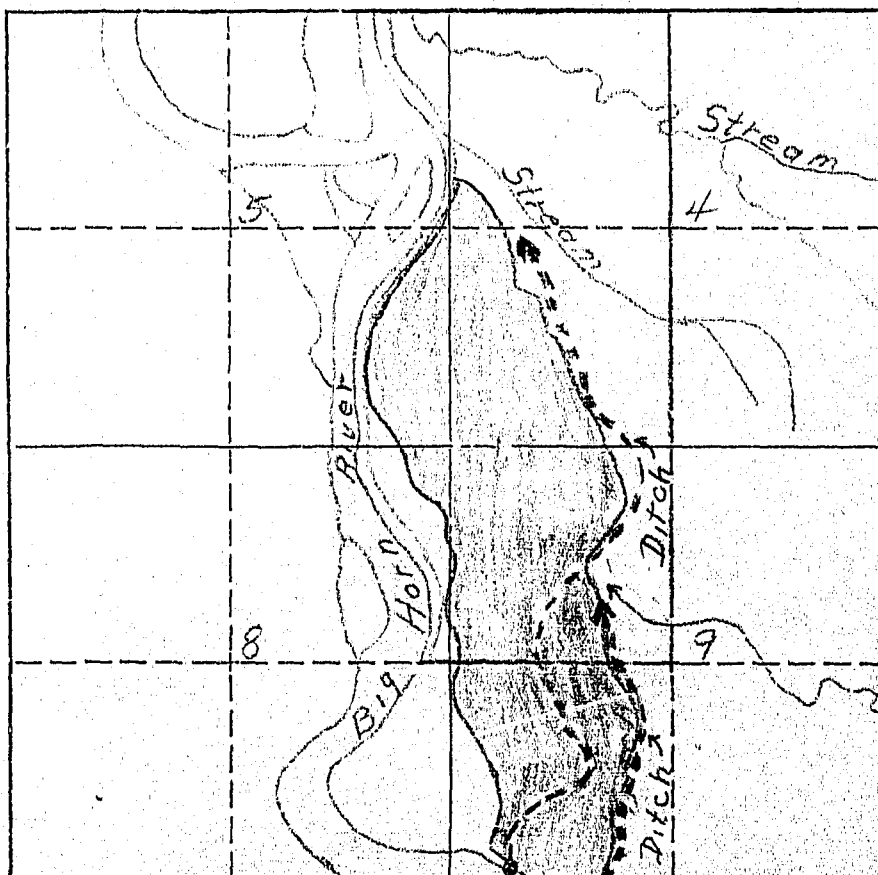
Twp. 3N Rge. 34E Twp. _____ Rge. _____

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

Filed in Twp. 3N Rge. 34E

Remarks _____

Farm Map



January 7, 1946

Mr. Ralph Benedict
Big Horn, Montana

Dear Mr. Benedict:

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. Ralph Benedict

-2-

January 7, 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 appropriation were filed on and cover your land.

- (#4) On November 16, 1903, John E. Hart filed for 200 Miners Inches from Big Horn River, recorded in Miscellaneous Records, Page 487, Big Horn County;
- (#335) 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, Page 46, Big Horn County;
- (#336) 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, Page 8, Big Horn County;
- (#345) On November 3, 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, Page 27, Big Horn County.

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

January 17, 1946

Henman and Kelley
Hardin, Montana

Gentlemen:

We received a letter from Mr. Ralph Benedict stating that he was unable to answer the questions on the enclosed form because he had never seen the land. He referred us to you, and if you will fill it in, we will greatly appreciate it.

We are especially interested in the number of acres that could be irrigated if there is no irrigation at the present time.

Thanking you in advance, we are

Very truly yours,

Gerald J. Oravetz
Ass't State Engineer

MEK:e

Encl.

Appropriations:

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

On November 16, 1908, John E. Hart filed for 200 Miners Inches from Big Horn River, recorded in Miscellaneous Records, Page 487, Big Horn County; (4)

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, 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, Page 8, Big Horn County; (336)

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, 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".

R. BENEDICT
Bighorn, Mont.

in regard to my land
 I have been told that
 when I started looking I
 didn't go to see it I took
 the paper and for it so
 it is for sale. I can't
 say and I don't ^{know} about it
 and don't know how it
 came and never got any
 for it the only way
 it is for sale and Kelly
 is selling it. They know
 how it I would be glad to
 have all the water it made.
 Yours,
 J. D. Smith

H. Benedict

1947

Almond

We had this as
Herman & Kelly, but They
say they don't own it.
Got New Owner
Field Check



STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-45

Code No. 4A - 8D - 9A

County Big Horn

T. 3 No. R. 34 E.

Name of Land Owner Address

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." 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

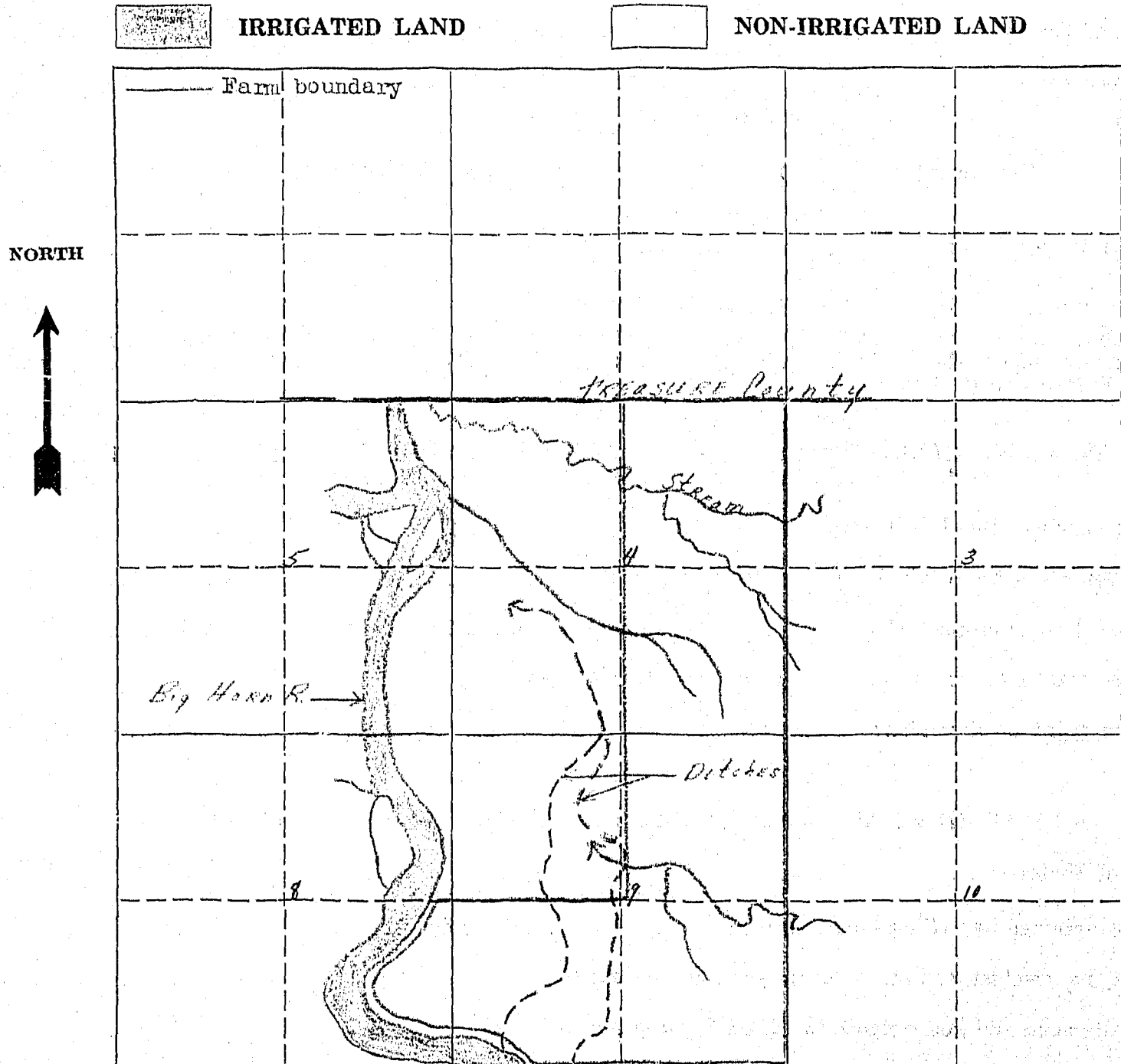
9. Source of Water: Name of stream or lake from which water is originally diverted
10. Water is obtained by: (Check one) Gravity Pumping Other
11. What is the greatest number of acres you have irrigated? Date
12. How many acres did you irrigate in 1945? (Crop and pasture)
13. State the total number of 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 foregoing questions apply only to irrigated land shown on this plat.

DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm E. 1/2 Sec. 4 - Lots 5 & 8 - Sec. 8 - E. 1/2 Sec. 9

Twp. 3 No. 3 Rge. 34 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: _____

Ditch: _____ Acres: _____

Information supplied by:

Name _____ Address _____ Date _____

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. 996

Owner..... Address.....
AAA Owner Hennary Hill..... Address.....
Operator Get new owner..... Address.....
New Owner..... Address.....
New Operator..... Address.....

Assessment Record.....

Assessed Acreage.....
Legal Description of This Farm E 1/4 Sec 4 - Lots 5+8 - Rge 8 - E 1/4 Sec 9
370 34 E

Total Acres in Farm.....

Code Number 44 80 919

Photo No.....

AAA Contract No.....

AAA Total Cropland Acreage.....

App. No.....

Decree No.....

Land is located in

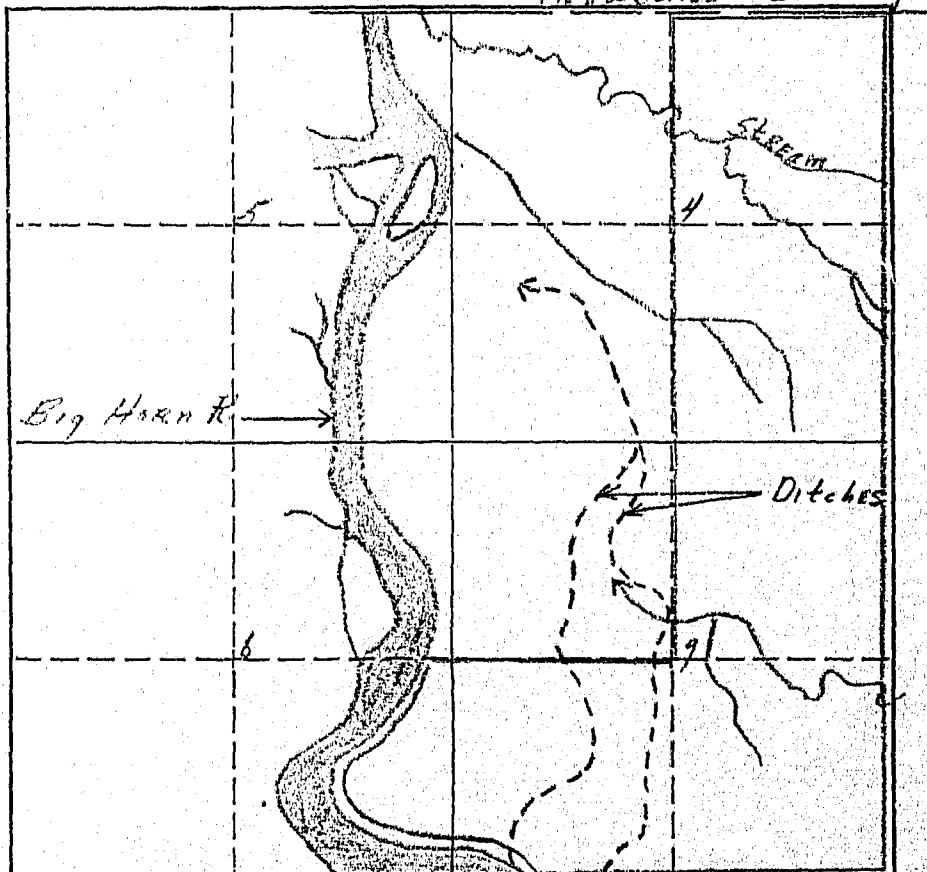
Twp..... Rge..... Twp..... Rge.....

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

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

Remarks.....

Farm Map TREASURE County





77

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Form WR-1-10M 8-45

Code No. ~~4-A, 8-A, 9-A, 5B~~
~~17-A, 18-A~~
County Big Horn
T. 3 N. R. 34 E.

Name of Land Owner Henman & Kelley Address Hardin, Montana
Name of Operator Quigley, Bernie Address Custer, 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 1902 - Mayland
5. Give the name of the original appropriator (first user): John E. Nant
6. Give the date appropriated Nov. 16 - 1908 Amount filed on: Miners Inches 200 C. F. S.
7. State the total number of acres irrigated under this system:
8. Give the point of diversion: $\frac{1}{4}$ Section $\frac{1}{4}$ 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 19.....? (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:

Beams property, west of land in sec 8 - not watered
also land in sections 17 & 18 but thought Quigley

H. F. B. might be watered
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 $\frac{1}{4}$, SESE $\frac{1}{4}$, Sec. 5; W $\frac{1}{2}$, Sec. 8; N $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 17;
N $\frac{1}{2}$ NE $\frac{1}{4}$, NENW $\frac{1}{4}$, Sec. 18; lot 2, 3, 5, 8, Sec. 8; S $\frac{1}{2}$, NW $\frac{1}{4}$, Sec. 9; E $\frac{1}{2}$, Sec. 4; T. 3 N., R. 34 E.
Dry land not shown.

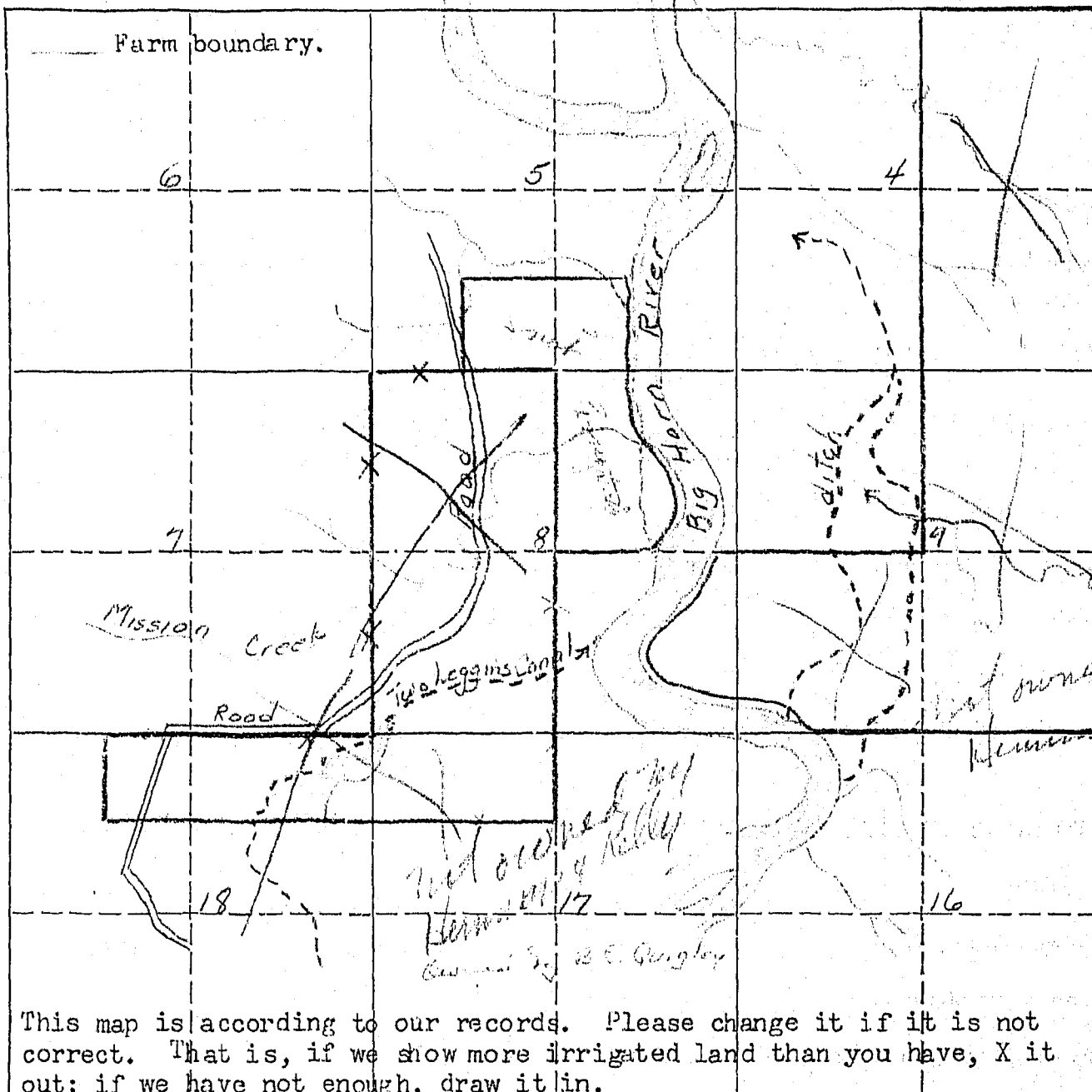


IRRIGATED LAND



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: Dry land Acres:

Ditch: Acres:

Information supplied by:

Name W. Kelley Address Hardin, Mont. Date 2-25-46

REMARKS: Taken in office by Hans Rille

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.



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

STATE OF MONTANA

STATE ENGINEER

BILLINGS, MONTANA

January 17, 1946

Henman and Kelley
Hardin, Montana

Gentlemen:

We received a letter from Mr. Ralph Benedict stating that he was unable to answer the questions on the enclosed form because he had never seen the land. He referred us to you, and if you will fill it in, we will greatly appreciate it.

We are especially interested in the number of acres that could be irrigated if there is no irrigation at the present time.

Thanking you in advance, we are

Very truly yours,

Gerald J. Oravetz m.k.

Gerald J. Oravetz
Ass't State Engineer

MEK:e

Encl.

Appropriations:

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

Only one in use
On November 16, 1908, John E. Hart filed for 200 Miners Inches from Big Horn River, recorded in Miscellaneous Records, Page 487, Big Horn County; (4)

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, 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, Page 8, Big Horn County; (336)

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, 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".

Appropriations:

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

- (#335) 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, Page 46, Big Horn County;
- (336) 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, Page 8, Big Horn County;
- (345) 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, Page 27, Big Horn County.

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. 77-

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

AAA Owner Henrietta Nelson..... Address.....

Operator Quigley, Berna..... Address Clinton, Mont.

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

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

Assessment Record.....

Assessed Acreage.....

Legal Description of This Farm SW 1/4, SE 1/4, Sec. 5 - W 1/2, Sec. 8

N 1/4 NW 1/4, Sec. 17, N 1/4 NE 1/4, N 1/4 NW 1/4, Sec. 18 - 3 North 34 E.

Total Acres in Farm.....

Code Number 55-8A-17A-184-

Farm Map

Photo No.....

AAA Contract No. 1220

AAA Total Cropland Acreage 49.2

App. No. 335-336-345

Decree No.....

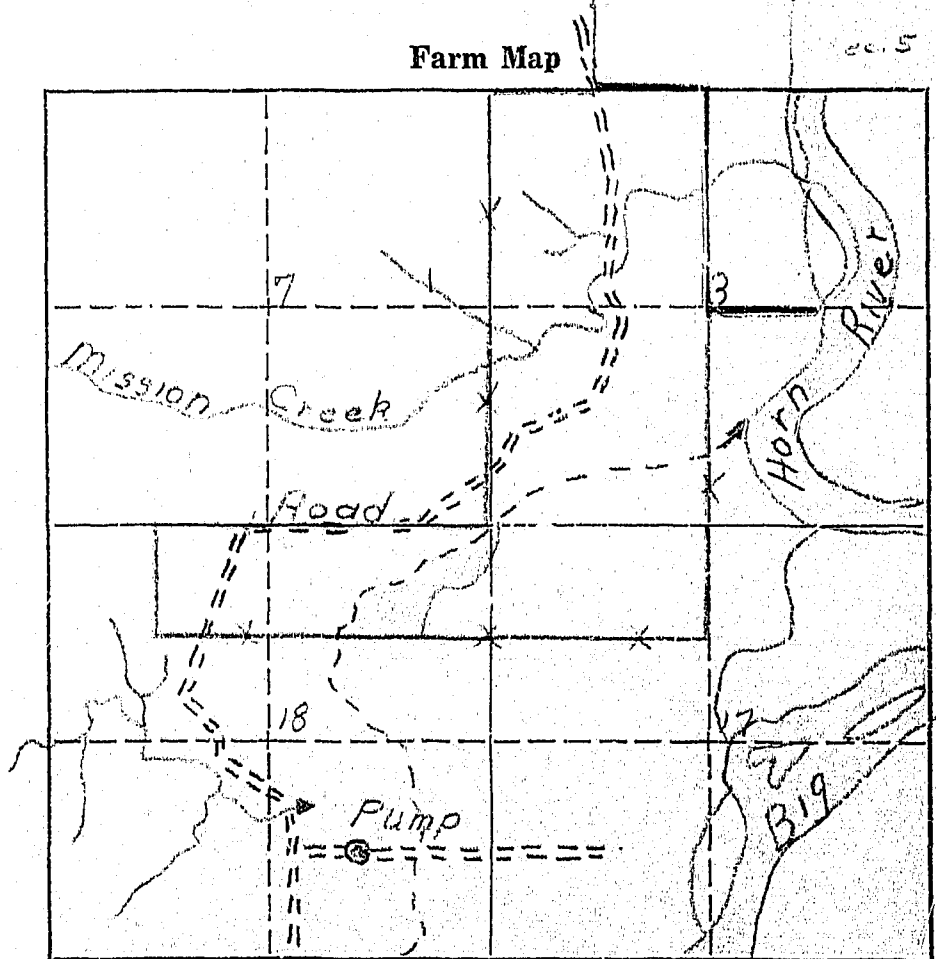
Land is located in

Twp. 3N Rge. 34E Twp..... Rge.....

Twp. 3N Rge. 34E Twp..... Rge.....

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

Remarks.....



Two Leggins Canal

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 77

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

AAA Owner Hermany Nelson..... Address Hardin Mont.

Operator same..... Address.....

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

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

Assessment Record.....

Assessed Acreage.....

Legal Description of This Farm lot 2+3+5+8 - Sec. 8 - 3rd NE 1/4 Sec. 9 - 31st - 34th E

E 1/2 Sec. 11 - other dry land

Total Acres in Farm 21,079.0

Code Number 4A-8A-9A

Photo No. 256-73, 241-93

AAA Contract No. 8423

AAA Total Cropland Acreage 0

App. No. 335-336-305

Decree No.....

Land is located in

Twp. 31N Rge. 34E Twp..... Rge.....

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

Filed in Twp. 31N Rge. 34E

Remarks.....

.....

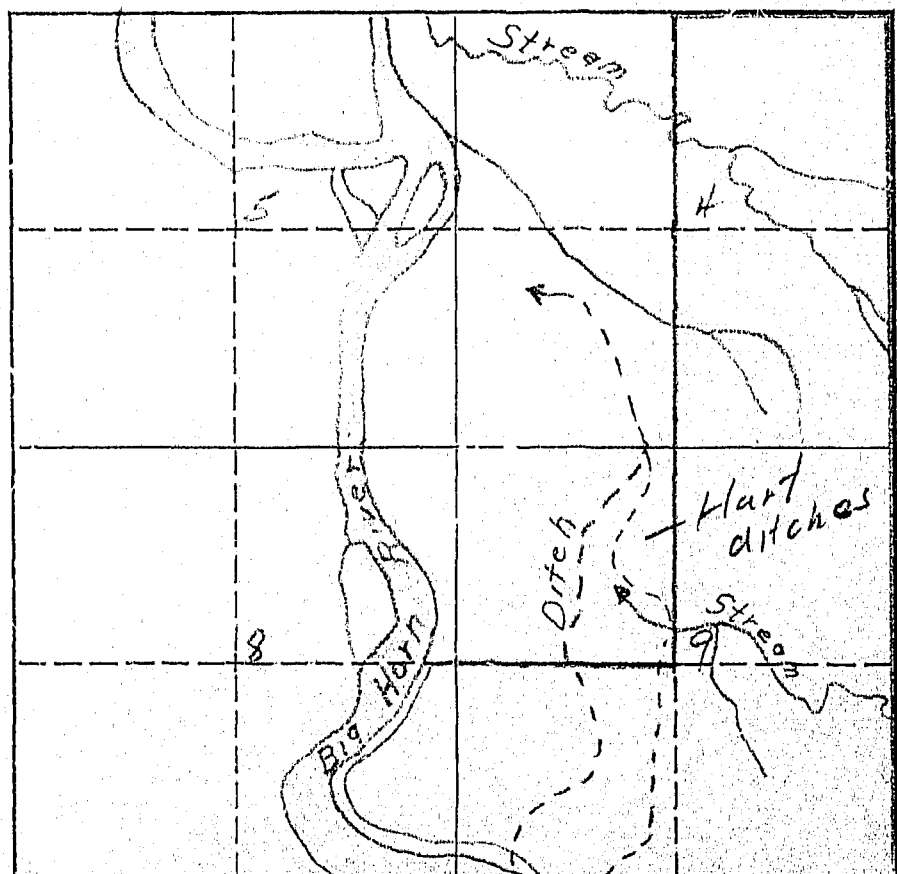
.....

.....

Total Acres in Farm 21,079.0

Dryland not shown

Farm Map



See Other sheet

January 7, 1946

Henman and Kelley
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 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

Herman and Kelley

-2-

January 7, 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 appropriation were filed on and cover your land.

- (#335) 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, Page 46, Big Horn County;
- (336) 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, Page 8, Big Horn County;
- (345) 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, Page 27, Big Horn County.

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. _____ County Big Horn Twp. 3 North Rng. 34 East

Name of Owner Henman and Kelly Address Hardin Mont.

Name of Operator _____ Address _____

Total Number of Acres in Farm 7 Number of Acres Irrigated in 1940 _____

Cutline 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 should be clearly indicated. Obtain the legal descrip-
tion from county ownership records and correct boundaries if necessary.

Legal Description Sec 4, Lots 1, 8, 9, 12, Sec 5, Lots 1, 5, 8, Sec 8, All 9,
and other lands.

5		4		3
		11 28		
		22 31		
8		9		10
		21 31		
		21 28		
				15

1, 2 Sec 4
213 A.

Sec 4
Irrigated 0
Potential 107
Under Ditch

Sec 5
Irrigated 0
Potential 35

Sec 8
Nothing

App. 21 4 6

FORM SM-1

A STUDY OF MONTANA'S WATER RESOURCES

County Big Horn Code No. _____

1. Water User Shannon & Kelly Address Hardy, Mont.

2. Stream Big Horn River Tributary _____

3. Point of Diversion 1/4 Mile Section 16 Township 24 N Range 34 E

4. Description of System Pumps will pump water into ditch which will be used in the hard spring fields - about 1500 - 2000, also Sec 9

5. Original Appropriator John E. Kelly Address Hardy Date 11/14/1908

6. First Use: Date Hardy, Mont. 1908 No. Acres Irrigated _____

Other Use _____ Date _____

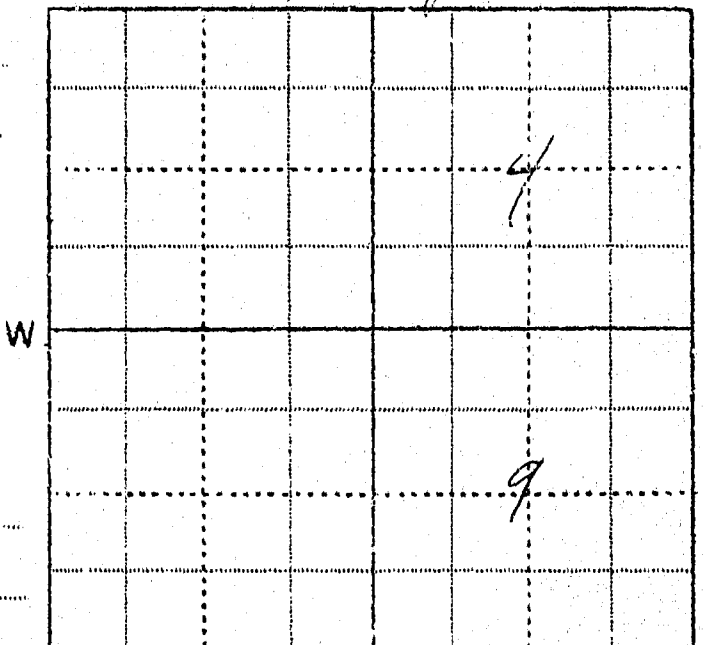
7. Maximum Use: Date 1933 No. Acres Irrigated 350

Other Use _____ Date _____

8. Present Use and Condition of System Ditch in order but no pump installed

at present, want to install pump again in 1941

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



Other Use (1940) _____

9. Potential Irrigable Lands Under this System Under in

Lower Hard Spring in measure
to could irrigate 1000 acres with pump

10. Remarks Hardy, Mont. irrigated by pump in the '30's
Expect to pump about 200' of water in 1941

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

Joe Shannon & E. Kelly
E. Kelly
(Signed)

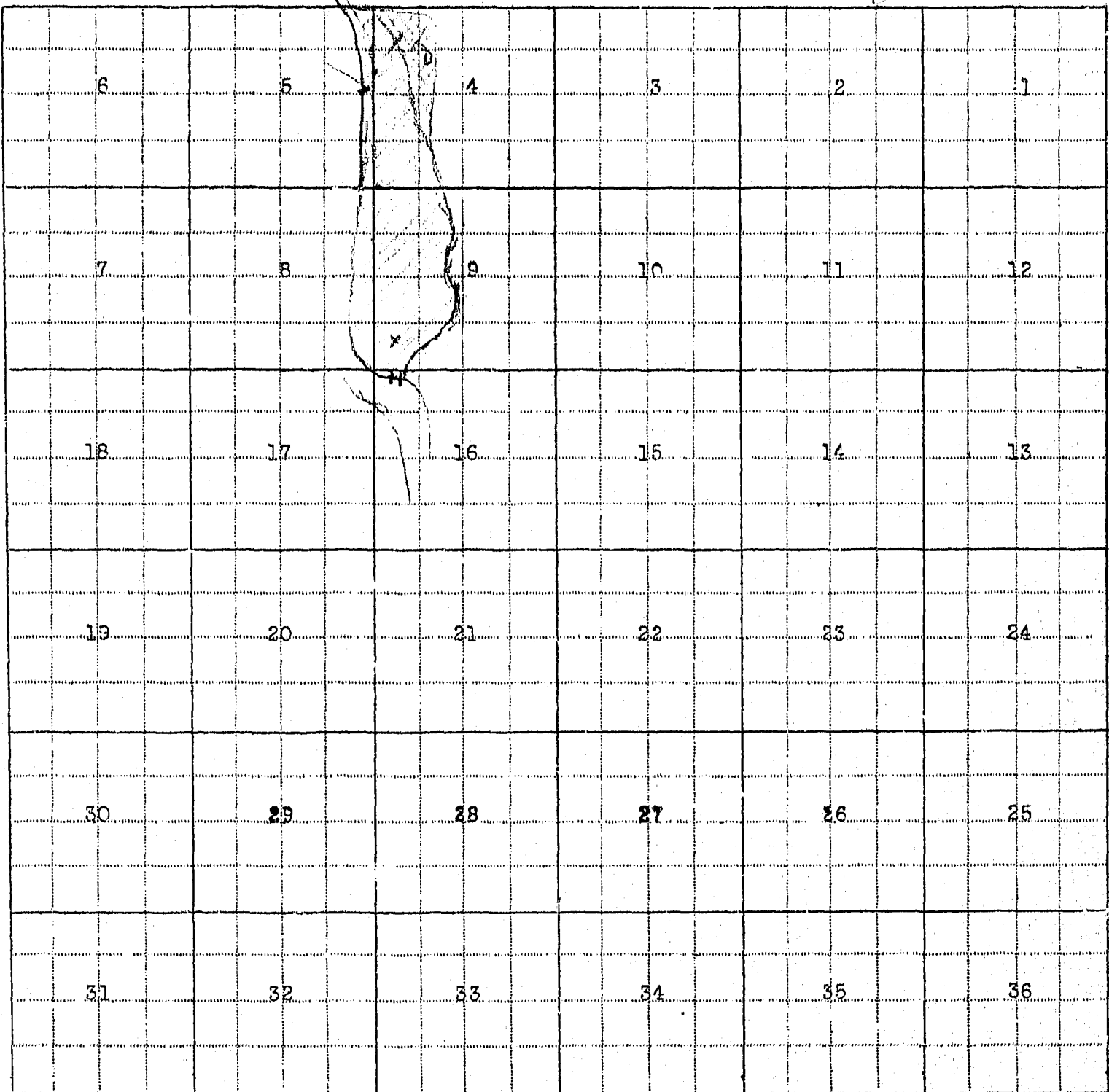
WITNESS _____

(Place)

(Date)

A STUDY OF MONTANA'S WATER RESOURCES--WPA

Township *3N* Range *34* County *Big Horn*



Township Range

February 14, 1946

Hennan & Kelley
Hardin, Montana

Dear Sirs:

On January 7, 1946, this office sent you forms and a letter asking for information pertaining to your irrigated land in Township 3 North, Range 34 East.

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.

FORM A-1

A STUDY OF MONTANA'S WATER RESOURCES--WPA

Notice of Appropriation

CODE NUMBER

1. County Big Horn Book A Page 487 Record None2. Name of Appropriator Hart, John E. Address Peckham, Mont.3. Date Appropriated 7-19-1928 Date Filed 7-19-1928 Amt. Approp: 100 C.F.S. Ac.Ft.4. Name of Stream Big Horn River Tributary Basin Yellowstone

5. Point of Diversion

6. Purpose Irrigation, live stock, domestic7. Description of System Ditch 4 ft. bottom, 2 ft. top, 2 ft. deep

8. LAND DESCRIPTION OF INTENDED PLACE OF USE

Subdivision Sec. Twp. Rge. Tot. Acr. 1940 Owner Address

SW¹NE¹, NW²SW² 4 3N 34E 33.70 Hennan, Kelley Co. Hardin Mont.Lot 8 5 3N 34E 33.70 " "9. Remarks (Pertaining to Use, etc.) Ditch has been used and willbe used for the purpose of irrigationand for stock waterand for domestic use

(Show Additional Information on Reverse Side)

Decree

10. Case No. Date Amt. Decreed: 100 C.F.S. Ac.Ft.11. To Whom Decreed Address 12. Name of Ditch 13. Date of Priority Purpose

14. LAND DESCRIPTION OF PLACE OF USE AS DECREED

Subdivision Sec. Twp. Rge. Tot. Acr.

(Show Additional Information on Reverse Side)

FORM A-1

Notice of Appropriation

CODE NUMBER

1. County Big Horn Book 4 Page 495 Record Miner
2. Name of Appropriator Henman, Martin Address Custer, Mont.
3. Date Appropriated 3-1-1909 Date Filed 5-5-1909 Amt. Approp.: H.I. 200 C.F.S. Ac.Ft.
4. Name of Stream Spring (unnamed) Tributary Big Horn Basin
5. Point of Diversion

NE corner of SE 4 NE 4 Sec. 4 Twp. 37N Rge. 34E Bank of Stream

6. Purpose Watering of live stock.
7. Description of System Stand of stone & dist. at the Spring
1 1/2 in. pipe line to water trough.
8. LAND DESCRIPTION OF INTENDED PLACE OF USE

Subdivision	Sec.	Twp.	Rge.	Tot. Acr.	1940 Owner	Address
<u>SE 4 NE 4</u>	<u>4</u>	<u>37N</u>	<u>34E</u>	<u> </u>	<u>Henman & Kelly</u>	<u>Hardin Mont.</u>

9. Remarks (Pertaining to Use, etc.) Will be in use for
watering live stock.

The above statements are true and accurate to the best of my knowledge and belief.

(Show Additional Information on Reverse Side)

Signed Henman & Kelly
E. L. Kelly
at Hardin, Mont. Nov 24, 1940

Decree

10. Case No. Date Amt. Decreed: H.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)

STATE ENGINEERS OFFICE
Water Resources Survey

COUNTY Big Horn

FILE NO. 126

Owner Ladron Address _____

AAA Owner _____ Address _____

Operator Gilbreath, John Address Custer, Mont.

New Owner _____ Address _____

New Operator _____ Address _____

Assessment Record _____

U.S.D.
Assessed Acreage 114.9

Legal Description of This Farm All Sec. 31- No. 4 W. of River 3 No. 34 E

Total Acres in Farm 350.0

Code Number 31A

Photo No. 241-89

AAA Contract No. 2043

AAA Total Cropland Acreage 127.1

App. No. 335-336-345

Decree No. _____

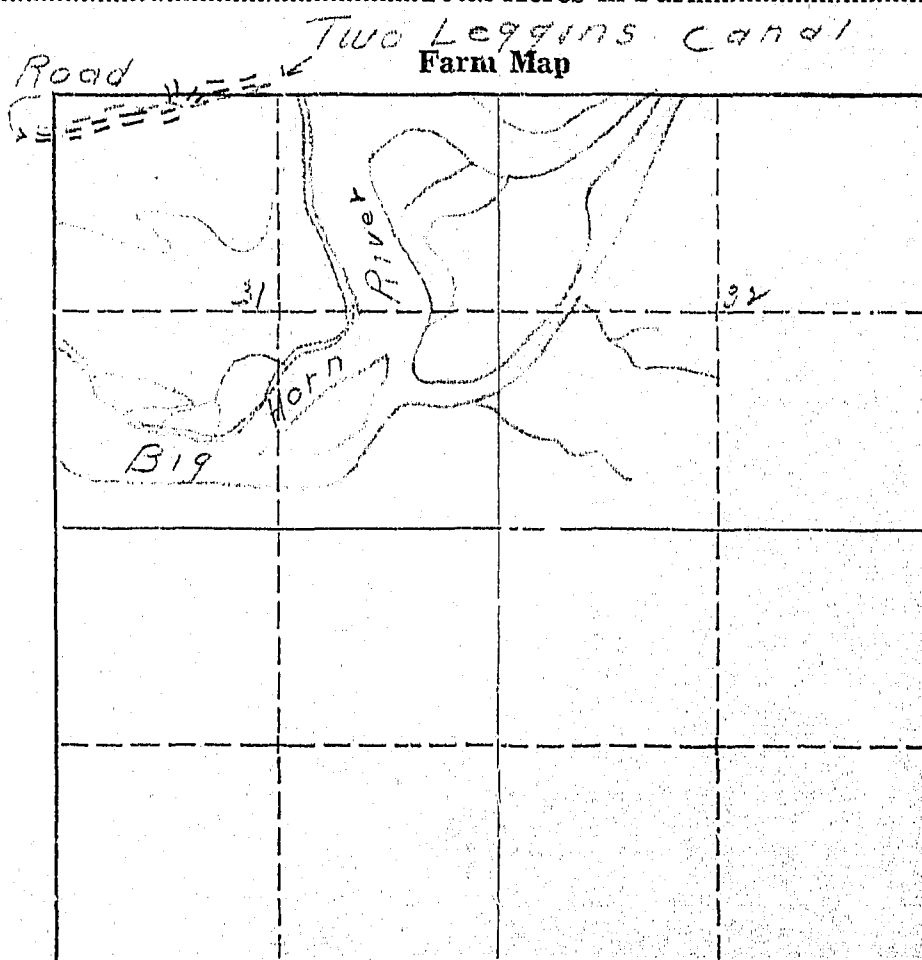
Land is located in _____

Twp. 3 No Rge. 34 E Twp. 3 No Rge. 33

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

Filed in Twp. 3 No Rge. 33 E

Remarks _____



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 34
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.) _____

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. 2043 County Big Horn Twp. 3 North Rng. 34 East

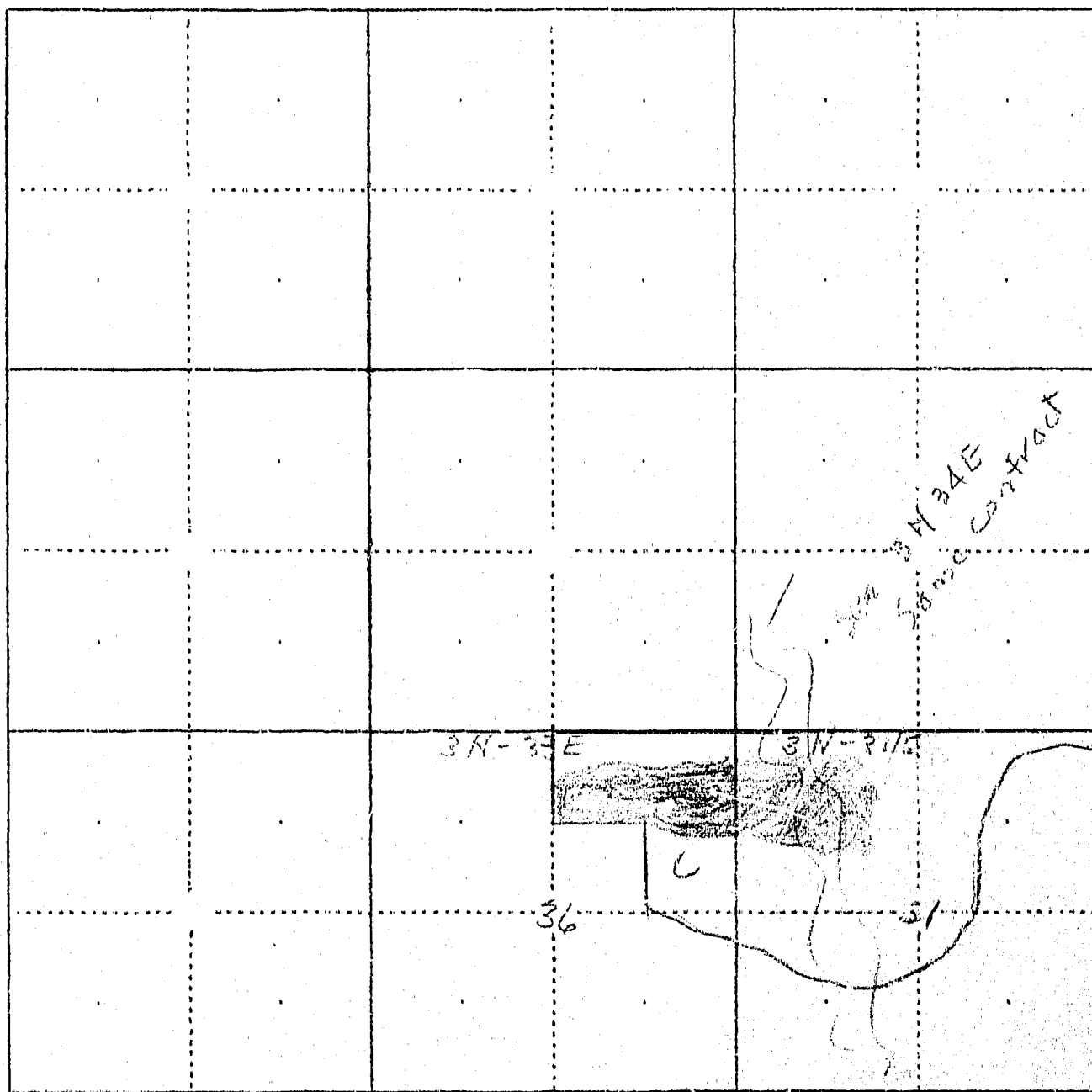
Name of Owner U.S. Indian Dept. Address Crow Agency Mont.

Name of Operator John J. John Address Hardin Mont.

Total Number of Acres in Farm 350 135¹⁰ Number of Acres Irrigated in 1940 127 ⁶³

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, NWNE 36-3N-34E, Lot 23, NE 31-3N-34E



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. 2043 County Big Horn Twp. 3N Rng. 34E
Name of Owner US Indian Dept Address Crow Agency Mont
Name of Operator Gilreath, John Address Nardin
Total Number of Acres in Farm 316⁵⁰ Number of Acres Irrigated in 1940 64

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 descrip-
tion from county ownership records and correct boundaries if necessary.

Legal Description Lots 2, 3, 4, 5, 8, 9, 10, E 21/4 Sec 31

LC 148

Two Leggin

Same Contract
36C 3N 33E



113

Form WRI-1--10M 8-15

STATE OF MONTANA
STATE ENGINEERS OFFICE
Water Resources Survey

Code No. 24 A, 19 C
County Big Horn 20 C
T. 3 N. R. 33 E.
3 N. 34 E.

Name of Land Owner Indian Address
Name of Operator Glenn Quest Address Custer, 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
Name of Ditch, Ditch Company or District supplying water
2. State the number of acres you irrigate under this system. 61.3 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 17/5
5. Give the name of the original appropriator (first user): Indian Dept
6. Give the date appropriated. Amount filed on: Miners Inches C. F. S.
7. State the total number of acres irrigated under this system: 6.5
8. Give the point of diversion: SE 1/4 S W 1/4 Section 18 Township 3 N Range 34 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? 6.5 Date
12. How many acres did you irrigate in 1945? (Crop and pasture) 6.5
13. State the total number of additional acres that could be irrigated by increasing the water supply, land leveling, etc. 9.5 This land is under what ditch? Two Leggins
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: 3 N. 33 E. Dry land
3 N. 34 E. 61.3 13.5 74.8 0 Two Leggins

Measured figure shown 6.63 as present - 13.5 as potential
and 74.8 as seepage and are the figures shown

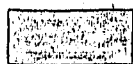
OVER

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

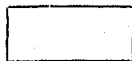
DESCRIPTION AND MAP OF FARM

18. Legal Description of this Farm $S\frac{1}{2}SE\frac{1}{4}$, Section 24, Twp. 3 N., Rge. 33 E.

$S\frac{1}{2}S\frac{1}{2}$, Sec. 19 - lot 7, SWSW $\frac{1}{4}$, Sec. 20 - Twp. 3 N., Rge. 34 E.

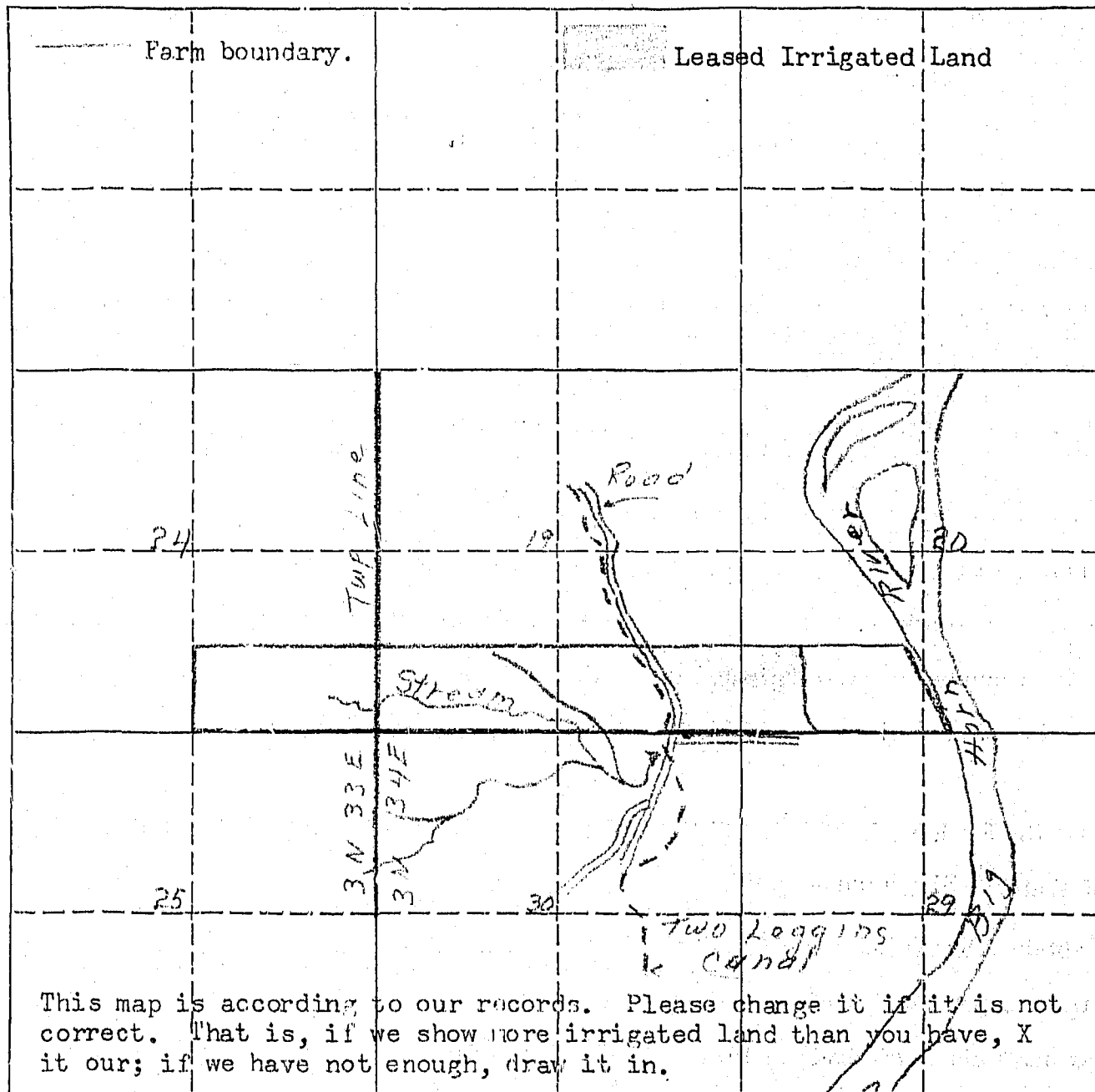


IRRIGATED LAND



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 Loggings Ditch Acres: 65 1/2

Ditch: _____ Acres: side

Information supplied by:

Name: Glenn E. Quast Address: Custer, Mont. Date: 3-12-46

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.

STATE ENGINEERS OFFICE
Water Resources SurveyCOUNTY Big HornFILE NO. 113

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

AAA Owner Indian..... Address.....Operator Quest, Glenn..... Address Custer Mont

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

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

Assessment Record.....

USID
Assessed Acreage 61.3Legal Description of This Farm S⁵S¹ Sec. 19, 1st 7, SWSW⁴ Sec. 20-34ETotal Acres in Farm 312Code Number 19C-20C

Farm Map

Photo No. 241-91AAA Contract No. 578AAA Total Cropland Acreage 58App. No. 335-336-345

Decree No.

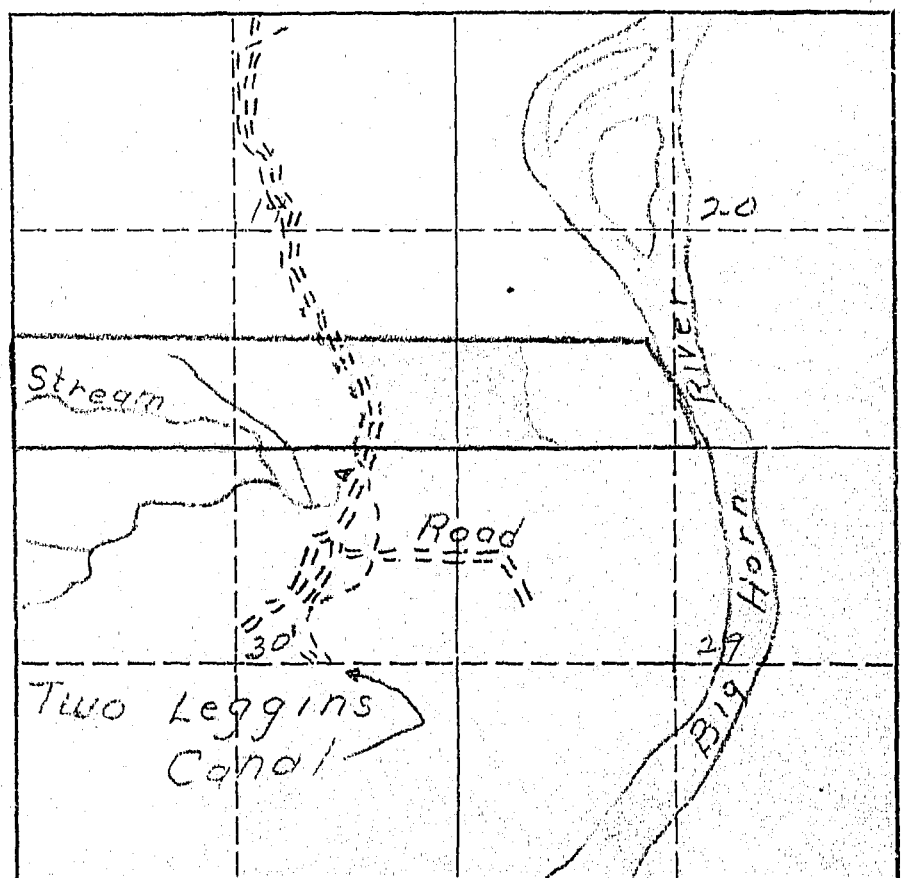
Land is located in

Twp. 3N Rge. 34E Twp. 3N Rge. 33E

Twp. Rge. Twp. Rge.

Filed in Twp. 3N Rge. 33E

Remarks.....



I-61.3-13.5-74.8