Farm Checked

By JC + MT

Area Big Timber Cr.

Date 7-20-50

FORM F-1 REPORTER 1M 3-49 17360

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 8B

County Sweet Grass

T. 2N R. 14E Sec. 8

Photo No. MA-12A-29

Legal Land Owner Hauge, Bina Address Big Timber

Operator Hauge, Palmer Address " "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System 4 private ditches (see other side) Pres. ____ Pot. ____

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private Anderson, A. O. App. No. 75

Is the system an extension of another system? Yes ✓ No ____

Is all land irrigated from one system? Yes ____ No ✓

(If No, show break down on map)

Source of Water Big Timber Creek, Rock Cr. + Swamp Cr.
(waste water from Grossfield irrigation out of Swamp + Rock Creek)

Acres Irrigated 1950 5

Potential Acres 13 Seeped 0

Explain ____

Condition of System Fair where in use - Rest silted in

Adequate Supply..... Yes ____ No ✓

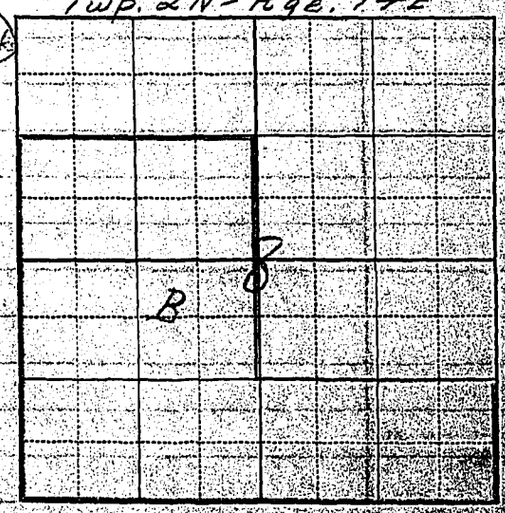
Explain Gets only waste water from Grossfield irr.

Topography Coulee bottom and bench land

Information From Palmer Hauge

Remarks ____

Twp. 2N - Rge. 14E



21

1.	Trace of old Anderson ditch in SW¼ of NW¼ of Sec 8 now plowed under. Ditch was never used to irrigate Hauge land	
2+3	Two ditches in Long Gulch are used to irrigate small hayfields. Ditches built by Richard Hauge.	
4	trace of old flood ditch out of Coulee near west line of Sec. 8 - South side of Long Gulch	

Bill

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

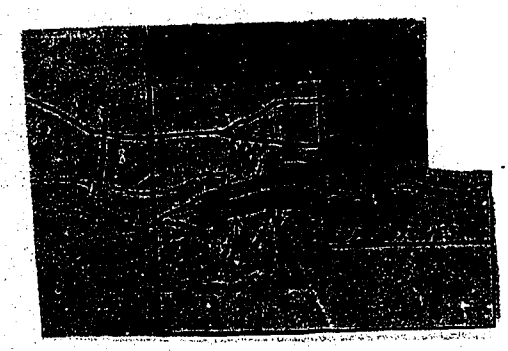
FARM MAP

County Sweetgrass
Code No. 8B

Name of Land Owner HAUGE, BINA Address Big Timber
Name of Operator Hauge, Palmer Address " "
Legal Description

Irrigated Land | Non-Irrigated Land | Potential Land Under Existing Facilities

North



Code No. 8 B System Hauge Ditches Source of Water Waste from Grasfield irr. out of B.T. Creek Long Gulch
Basin Big Timber Creek Present 5 Potential 13 Maximum 18 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By Jim & Bob

Area Big Timber Cr.

Date April 21, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 22A, 18B

County Sweet Grass

T. 2 N R. 14E Sec. 22, 18

Photo No. MA-11A-206

Legal Land Owner Hauge, Rudolph Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System ✓ Hauge Ditch Pres. ____ Pot. ____

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private Hauge, Edward; Hathaway, Maria T.; Lee, Thomas K. App. No. 103, 105, 115, 122 D-99

Is the system an extension of another system? Pound, H.C. Yes ____ No ✓

Is all land irrigated from one system? Yes ✓ No ____

(If No, show break down on map)

Source of Water Big Timber Creek

Acres Irrigated 1956, 7

Potential Acres ____ Seeped 1/3 ac.

Explain Springs keep 1/3 ac. in slough land.

Condition of System Good - (Being cleaned)

Adequate Supply..... Yes ✓ No ____

Explain ____

Topography Creek bottom

Information From Rudolph B. Hauge

Remarks Plans to drain 1/3 ac. of slough land. Claims to have right to use ditch on W. side of Creek also uses Vernie Hathaway ditch

(21)

Book 18, Page 551 Water right for Hanger ranch.

Land in sec. 18 is irrigable under the Brookhill ditch out of Swamp Creek but Hanger has no right in the ditch and land has never been irrigated

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 North Range 14 East County Sweet Grass

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

Township _____ Range _____

Township 2 North Range 14 East County Sweet Grass

Parcel Number	Name of Owner	Address
188,22A	Hauge, Rudolph	Big Timber

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

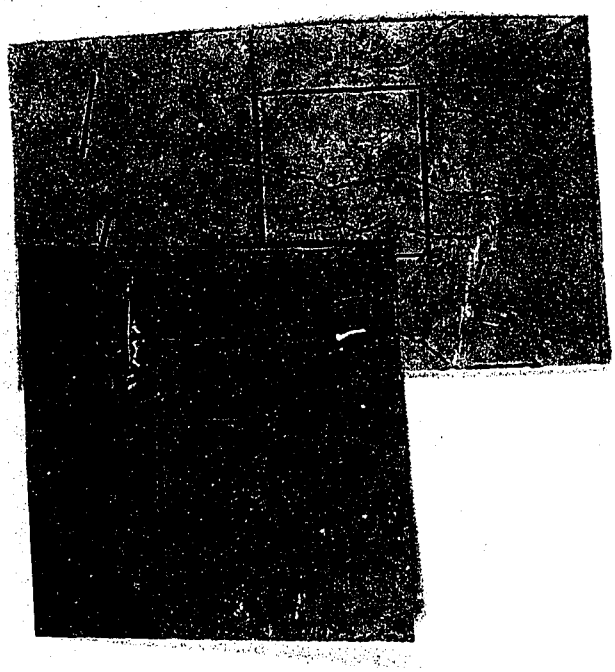
FARM MAP

County Sweetgrass
Code No. 22A-18B

Name of Land Owner HAUGE, RUDOLPH Address Big Timber
Name of Operator Same Address " "
Legal Description

Irrigated Land | Non-Irrigated Land | Potential Land Under Existing Facilities

North



Code No. 22A System Ed. Hauge Ditch Source of Water Big Timber Creek
Basin Big Timber Creek Present 38 Potential 0 Maximum 38 R ✓ F ____ P ____ G ✓ S ____
Code No. 22A System Hathaway Ditches Source of Water Big Timber Creek
Basin Big Timber Creek Present 4 Potential 10 Maximum 14 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe
Mapped by Bob & Jim

Area Ten Mile Creek

Date 4/5/50

Code No. 3A

County Sweet Grass

T. 2 N R. 14 E Sec. 3

Photo No. MA-11A-207

Legal Land Owner Huyser, John Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Big Timber Creek Canal Co. Pres. 290 Pot. 50

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Lee, Thomas K. App. No. 113

Is the system an extension of another system? Yes _____ No _____

Is all land irrigated from one system? Yes _____ No _____

(If No, show break down on map)

Source of Water Big Timber Creek

Acres Irrigated 19____, 290 acres

Potential Acres about 50 Seeped _____

Explain _____

Condition of System good

Adequate Supply..... Yes ✓ No _____

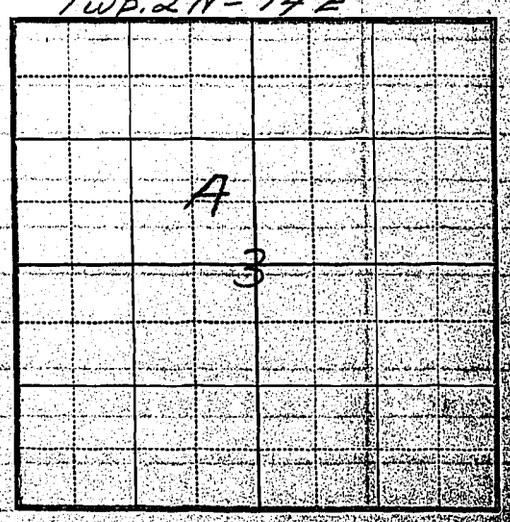
Explain _____

Topography _____

Information From J. A. Huyser

Remarks _____

Twp. 2N-14E



21

Form WR-1
Registration 20 1 2M 12-49

Twp. 2 N Rge. 14 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

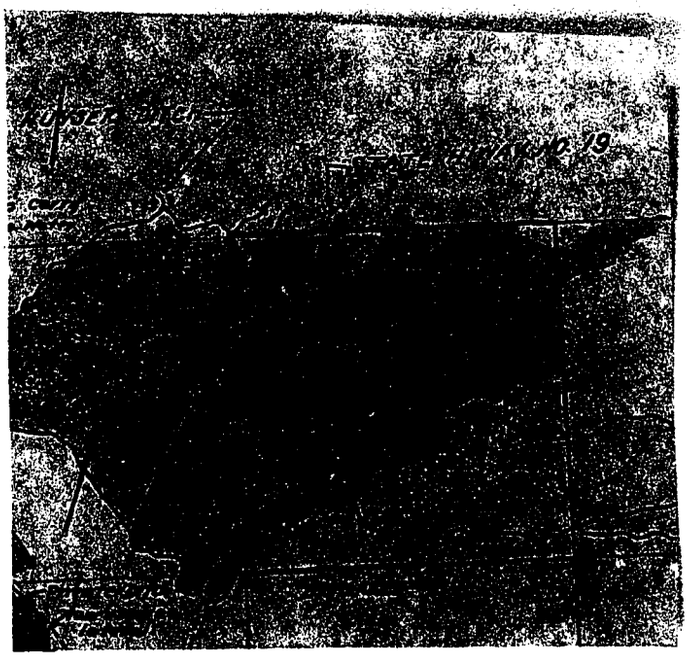
FARM MAP

County Sweetgrass
Code No. 3A

Name of Land Owner HUYSER, JOHN Address Big Timber
Name of Operator Same Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No. 3A System R.T. Cr. Canal Co. Ditch Source of Water North Fork Big Timber Cr.
Basin Big Timber Creek Present 198 Potential 134 Maximum 332 R ✓ F ____ P ____ G ✓ S ____

Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By Jim & Bob

Area Big Timber Cr.

Date April 25, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 16B, 17A, 18A

County Sweet Grass

T. 2N R. 14E Sec. 16, 17, 18

Photo No. MA-12A-28 MA-11A-206

Legal Land Owner Lien, Anton est. Address Big Timber

Operator Lien, Geo. Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

2 Ditches Private System Hathaway Urdal Ditch Bear Gulch Flood Ditch. Pres. 85.0 Pot. ?

Hagge ditch runs through Lien place but does not use. Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Johnson, C.C. – Lien, Anton App. No. _____

Original Appropriator, Private Asbury, John F. Hathaway, Maria App. No. D-60, D-61, D-62, D-63, D-64, 1089, 1

Is the system an extension of another system? Yes _____ No ✓

Doesn't know about these decrees.

Is all land irrigated from one system? Yes ✓ No _____

(If No, show break down on map)

Source of Water Big Timber Creek, Flood Waters, Seepage. Bear Gulch.

Acres Irrigated 19 50, 85.0

Potential Acres ? Seeped _____

Explain _____

Condition of System Good

Adequate Supply..... Yes _____ No ✓

Explain Has lots right in B. T. Cr.

Topography Creek bottom

Information From George Lien

Remarks Knows only about the Hatheway decree. Found that not in artificially is sub irr.

(21) Also in #16

Hathaway-Urdal Ditch diverts in the SW¼ SE¼ of sec. 9, runs south across sec. 16 and into SE Corner of sec. 15. Irrigates land in secs. 15 + 16. Land under ditch in sec. 15 is shown as Elmer Amsons' but the boundary between Amsons and Lien land is now the State Hiway No. 19.

Lien has 2/3 share or 128 MI decreed in the Hathaway-Urdal ditch. Driedahl has 1/3 share or 60 inches decreed in the ditch.

MYERS HYDROLOGY RESEARCH
Water Commissioner's Office

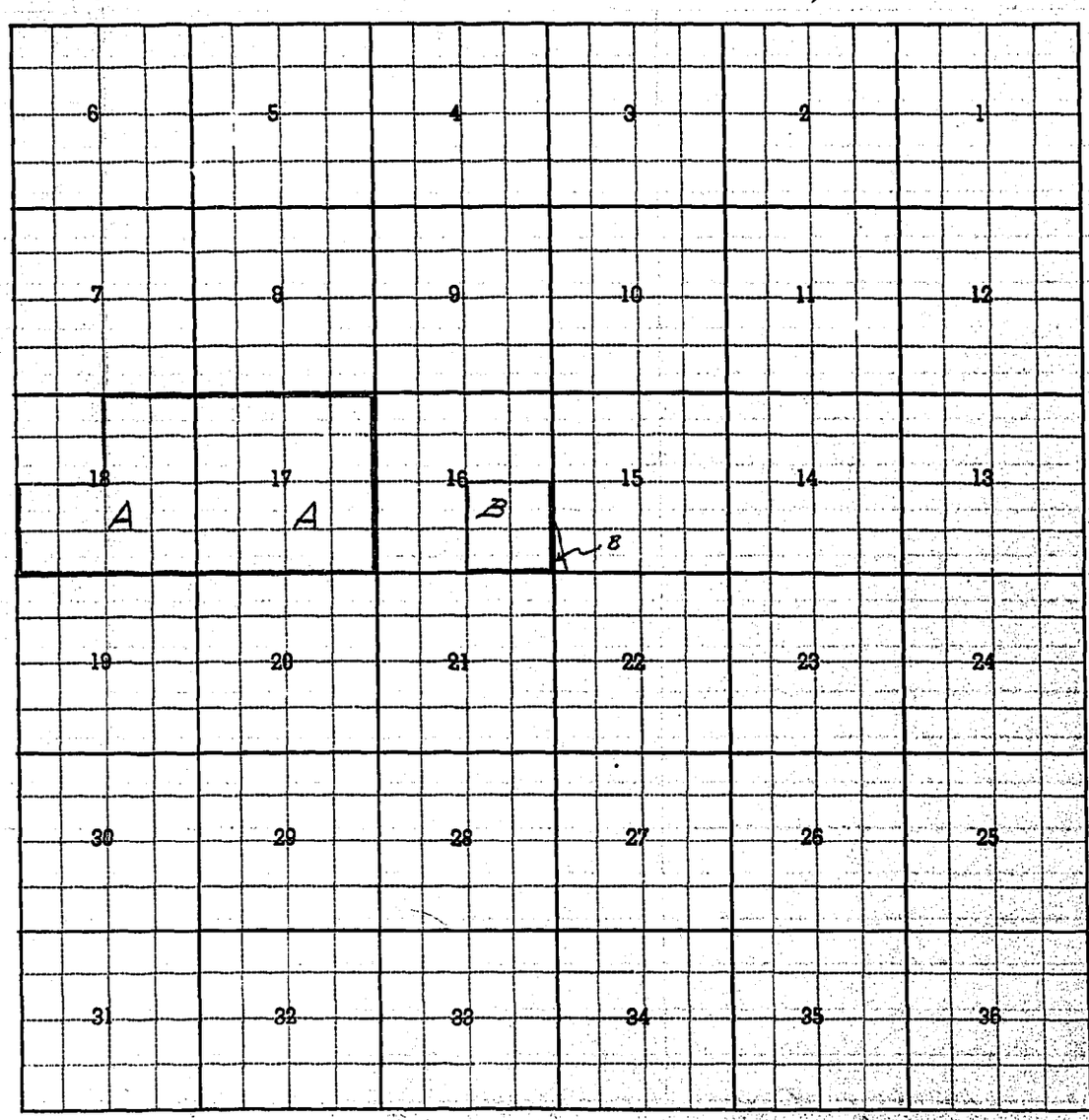
FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 North Range 14 East County Sweet Grass



Township Range

Township 2 North Range 14 East County Sweet Grass

Parcel Number	Name of Owner	Address
16B, 17A, 18A	Lien, Anton est.	Big Timber

Form WR-B
Reporter 20168 2M 12-49

Twp. 2 N Rge. 14 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

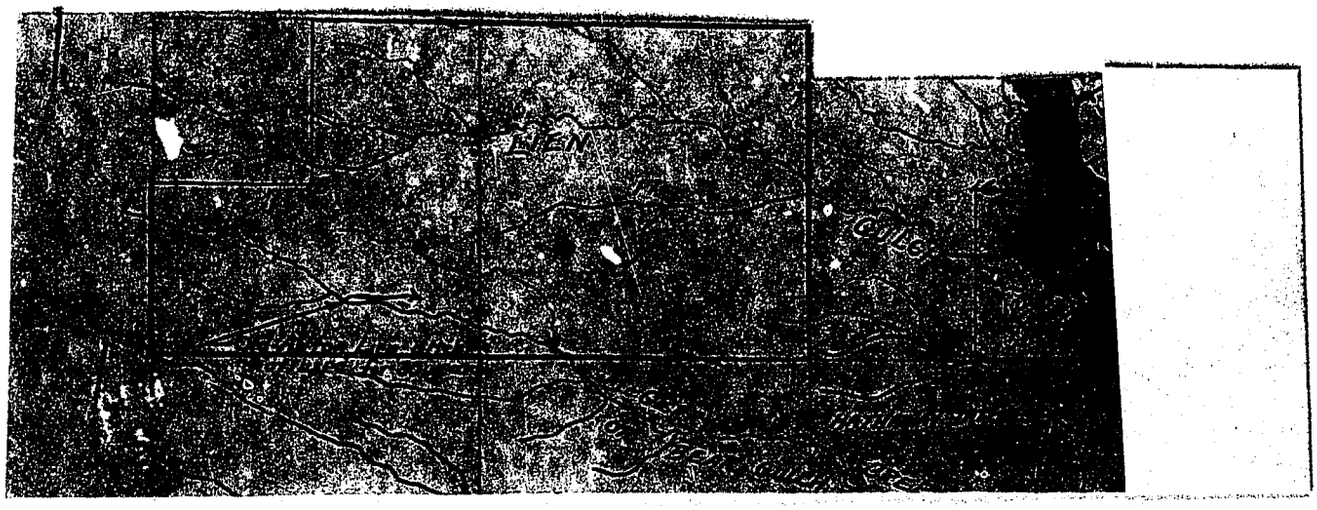
FARM MAP

County Sweetgrass
Code No. 16B-17A-18A

Name of Land Owner LIEN, ANTON est. Address Big Timber
Name of Operator Lien, Geo. Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No. 16B-15B System Hathaway-Urdal Ditch Source of Water Big Timber Creek
Basin Big Timber Creek Present 43 Potential 0 Maximum 43 R ✓ F ___ P ___ G ✓ S ___
Code No. 16B-15B System Ed Hauge Ditch Source of Water Big Timber Creek
Basin Big Timber Creek Present 54 Potential 1 Maximum 55 R ✓ F ___ P ___ G ✓ S ___
Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___
Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By Cook & Trask

Area Swamp Creek

Date July 20 1950

FORM F-I REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7A, 19A, 20C, 30A, 31A, 29A

County Sweet Grass

T. 2 N R. 14E Sec.

Photo No. MA-12A-29, MA-12A-28, MA-12A-27

Legal Land Owner Madill, John A. Address Big Timber

Operator Hults & Sons (buying) Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ 5 ditches Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Arneson Bros. App. No. D-166, D-246, D-247

Original Appropriator, Private Arneson, A.H. - Morris, John B. App. No. D-248, D-249, D-250, 733, 720, 721

Is the system an extension of another system? Yes No ✓

Is all land irrigated from one system? Yes ✓ No ✓

(If No, show break down on map)

Source of Water Dry Creek, Swamp Cr. (Rock Creek?)

Acres Irrigated 1950

Potential Acres Seeped

Explain

Condition of System Fair

Adequate Supply..... Yes ✓ No ✓

Explain Has early water right, but Creek sometimes gets low

Topography Valley bottom & sides & bench land

Information From Irwin Hults

Remarks see otherside

(21)

Also in File Nos 12, 13, 20, 27

(1) Old Anderson ditch crosses section 7 T2N R14E but water right for this ditch belongs to Louis Grosfield and was used in sec. 8 (Anderson decree). All land north of Long Gulch in sec. 7 could be irrigated if there were adequate water available.

(2) Arneson ditch on N side of Swamp Creek, diverting in NE Corner of sec. 25 T2N R13E is used to irrigate all of land between ditch and Creek in secs 19, 20, 29 & 30 and some bottom land in NW Corner of Sec. 30. This ditch

(3) and ditch diverting from Swamp Creek on South side use the Arneson decreed rights D-246 to D-250 from Swamp Creek and D-166 from Dry (or Rock Creek) Hultz intends to extend this ditch and laterals to cover more land.

(4) Hultz also uses the Beley ditch in section 30 but does not have water right in this ditch.

(5) Traces of small ditch between Creek Channels in sec. 30 but this ditch has not been used for many years.

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 North Range 14 East County Sweet Grass

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

Township _____ Range _____

Township 2 North Range 14 East County Sweet Grass

Parcel Number	Name of Owner	Address
7A, 19A, 20C, 29A, 30A, 31A	Madill, John A.	Big Timber

Form WR-II
Reporter 20168 2M 12-49

Twp. 2 N Rge. 14 E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

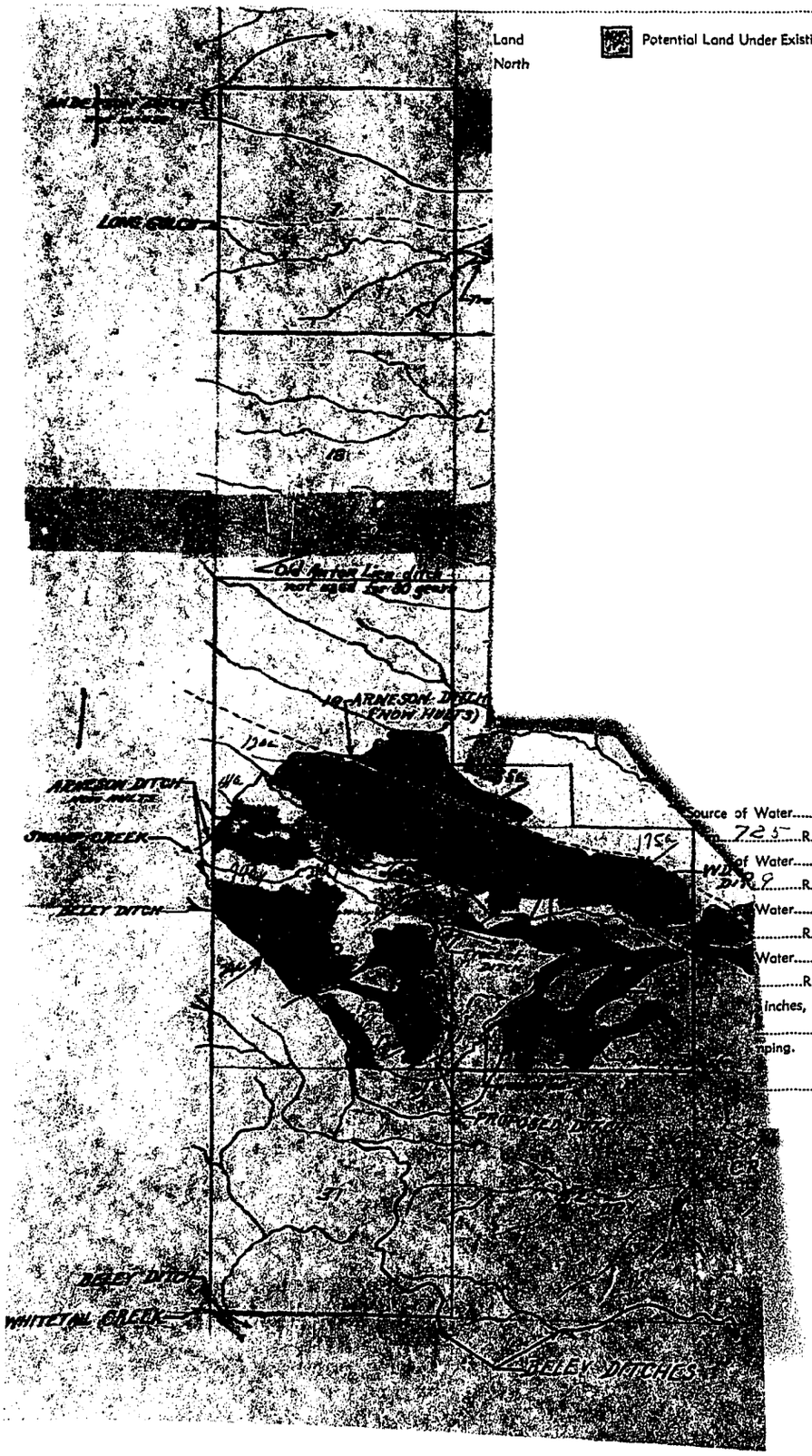
FARM MAP

County Sweetgrass
Code No. 7A-19A-20C-30A-31A-29A

Name of Land Owner MADDUX, JOHN E. Address Big Timber
Name of Operator [illegible] Address
Legal Description

Land North

Potential Land Under Existing Facilities



Source of Water Swamp Creek
725 R. ✓ F. ____ P. ____ G. ✓ S. ____
Source of Water Swamp Creek
WDR 9 R. ✓ F. ____ P. ____ G. ✓ S. ____
Source of Water ____
____ R. ____ F. ____ P. ____ G. ____ S. ____
Source of Water ____
____ R. ____ F. ____ P. ____ G. ____ S. ____

Inches, acre feet, as the case may be

ping. G—Water diverted by gravity.

Form WR-B
Revised 1 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 7A-19A-20C-30A
31A-29A

MADILL, JOHN A. Address Big Timber
" and Sons (buying) Address " "

Land
North

Potential Land Under Existing Facilities

Code No. 19A, 20C, 29A, 30A System Hults Ditches Source of Water Swamp Creek
Basin Big Timber Creek Present 673 Potential 52 Maximum 725 R ✓ F P G ✓ S
Code No. 30A System Beley Ditch Source of Water Swamp Creek
Basin Big Timber Creek Present 29 Potential 0 Maximum 29 R ✓ F P G ✓ S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from Date

Sweetgras

19A-20C-30A
-29A

lities

p Creek
P G V S
p Creek
P G V S
P G S
P G S
is the case may be
diverted by gravity.

Farm Checked

By Kim R. Rich

Area Big Timber Cr.

Date June 3, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 4A, 5A, 9A

County Sweet Grass

T. 2N R. 14E Sec. 4, 5, 9

Photo No. MA-11A-267 MA-12A-22

Legal Land Owner Magelssen, Wm. Address Big Timber

Operator c/o Davis, Rob't. Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Big Timber Cr. Canal Co. Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Asbury, John F. Lee, Thomas K. - Rapstad, Jacob App. No. 115, 124, 123, 625 D-60, D-61, D-62, D-63 D-64, D-107, D-108

Is the system an extension of another system? Yes _____ No _____

Is all land irrigated from one system? Yes _____ No _____

(If No, show break down on map)

Source of Water Big Timber Creek, Rapstad Gulch,

Acres Irrigated 19____, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Fair

Adequate Supply ..... Yes ✓ No _____

Explain Rings with from Big Timber Cr. Canal Co.

Topography Bench land #14 T3N-R.14E

Information From Information on other forms

Remarks Took up water rights on abstract in court house

(3) #14

Buys all the water he uses from the Big Timber Creek Canal Co.

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 North Range 14 East County Sweet Grass

6	5 A	4 A	3	2	1
7	8	9 A	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

Township _____ Range _____

Township 2 North Range 14 East County Sweet Grass

Parcel Number	Name of Owner	Address
4A, 5A, 9A	Magelssen, Wm.	Big Timber

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

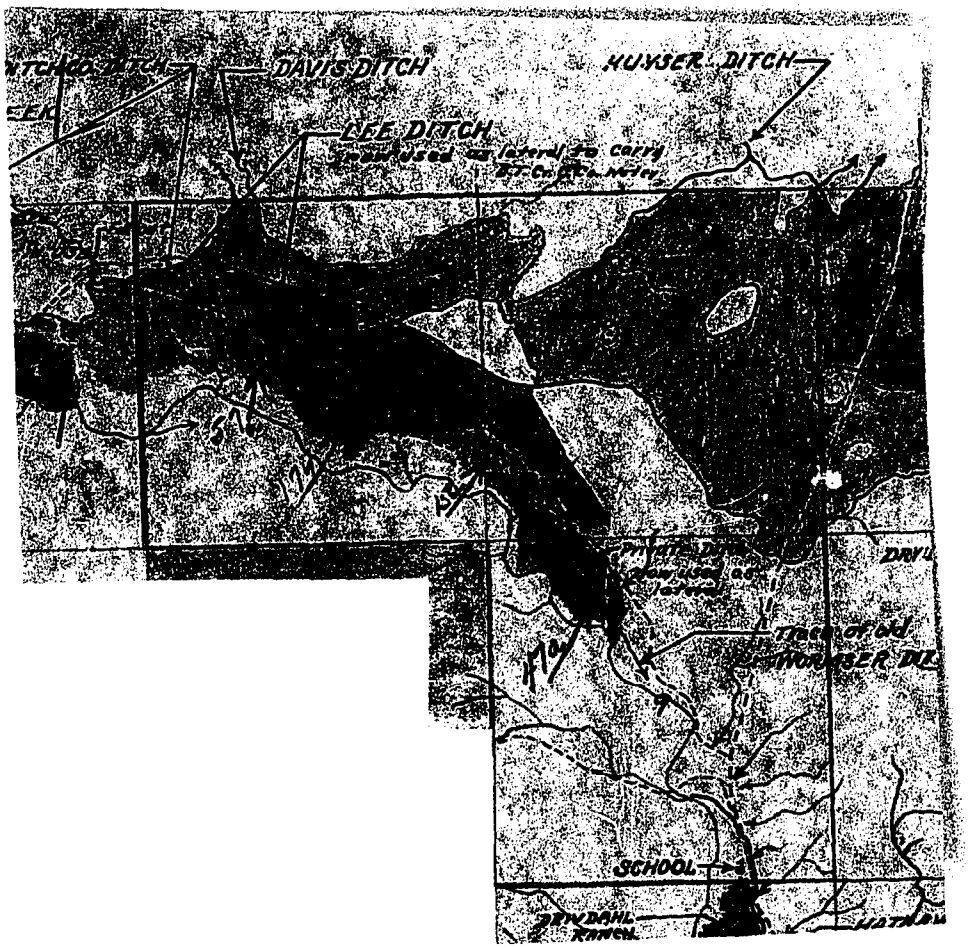
FARM MAP

County, Sweetgrass
Code No. 4A-5A-9A—

Name of Land Owner MAGELSSEN, WM. Address Big Timber
Name of Operator C/o Davis, Robt. Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No.	4A, 5A, 9A	System	B.T. Cr. Canal Co. Ditch	Source of Water	North Fork Big Timber Creek						
Basin	Big Timber Creek	Present	221	Potential	462	Maximum	683	R ✓	F	P	G ✓ S
Code No.	5A	System	Teindill Cr. Ditch Co. Ditch (Not in use)	Source of Water	Big Timber Creek						
Basin	Big Timber Creek	Present	0	Potential	57	Maximum	57	R ✓	F	P	G ✓ S
Code No.		System		Source of Water							
Basin		Present		Potential		Maximum		R	F	P	G S
Code No.		System		Source of Water							
Basin		Present		Potential		Maximum		R	F	P	G S

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from _____ Date _____

FORM F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Jim F. Bob

Area Big Timber

Date April 18, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 36A

County: Sweet Grass

T. 2N R. 14E Sec. 36

Photo No. MA-12A-22

Legal Land Owner Montana, State of Address

Operator ? Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Rudd Ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

Is the system an extension of another system? Yes No

Is all land irrigated from one system? Yes No

(If No, show break down on map)

Source of Water Big Timber Creek

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System Good

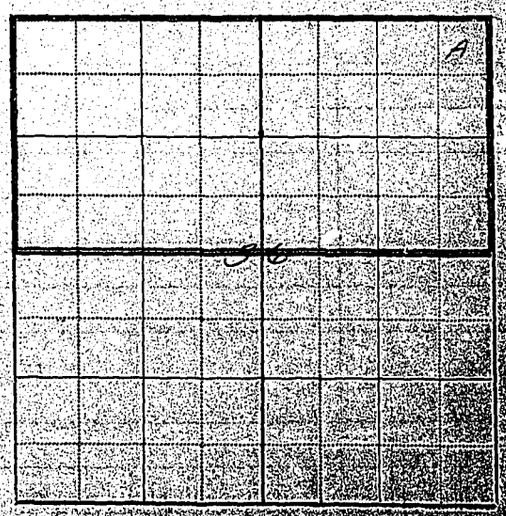
Adequate Supply Yes ✓ No

Explain

Topography rolling hills

Information From Field Survey

Remarks



Form WR-B
Reporter 20168 2M 12-4

Twp. 2N Rge 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

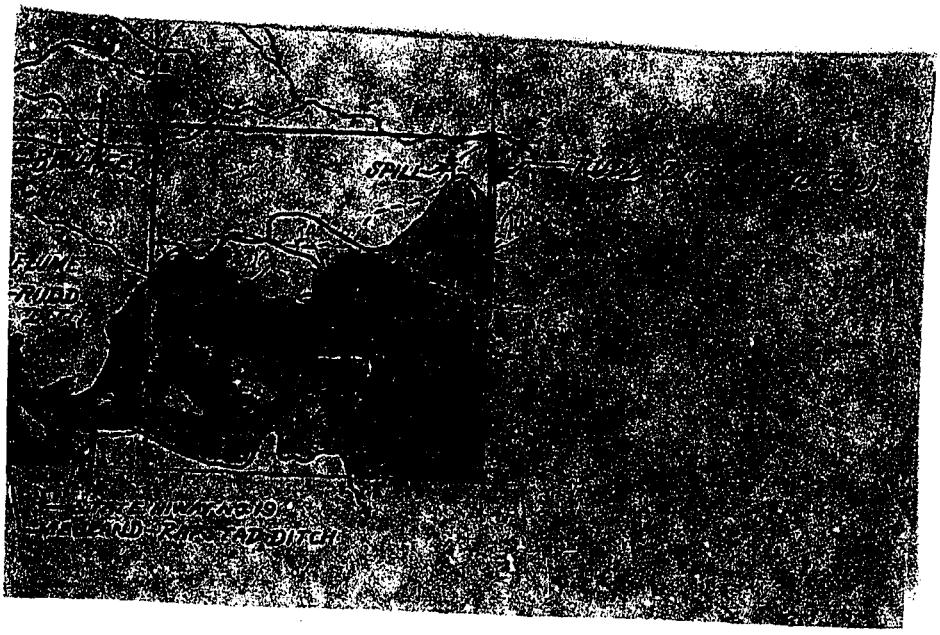
FARM MAP

County Sweet Grass
Code No. 36A

Name of Land Owner Montana, State of Address
Name of Operator Address
Legal Description

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities

North



Code No. 36A System Rudd Ditch Source of Water Big Timber Creek
Basin Big Timber Creek Present 57 Potential 36 Maximum 93 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By Jim & Bob

Area Swamp Cr.

Date April 20, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 32 A

County Sweet Grass

T. 2 N R. 14 E Sec. 32

Photo No. MA-1-A-205

Legal Land Owner Nelson, Wade Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System No ditches Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Connolly, James App. No. 727

Is the system an extension of another system? Yes _____ No _____

Is all land irrigated from one system? Yes _____ No _____

(If No, show break down on map)

Source of Water Swamp Creek

Acres Irrigated 1950 _____

Potential Acres _____ Seeped _____

Explain No Irrigation

Condition of System _____

Adequate Supply..... Yes _____ No _____

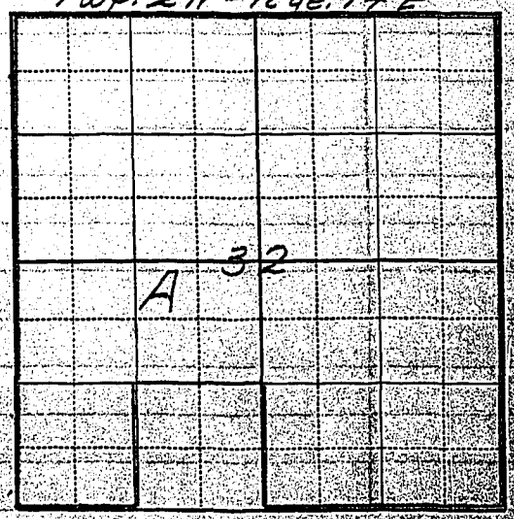
Explain _____

Topography _____

Information From Field Survey & Wade Nelson

Remarks Dam was built on this piece but was put there for stock purpose

Twp. 2N - Rge. 14E



21

Farm Checked

By Jim & Bob

Area Swamp Cr.

Date April 20, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 33A, 34A

County Sweet Grass

T. 2 N R. 14E Sec. 33, 34

Photo No. MA-11A-205

Legal Land Owner ~~Long, G. B. est.~~ Address Big Timber

Operator Nelson, Wade - Bought Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System 1 ditch - Long Ditch (Grofield-Nelson) from Swamp Cr. Pres. 65.0 Pot. 0

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Mero, Alexander + Neumayer, Robert App. No. 731, 1079, 378, 732, 82, 83, 735

Original Appropriator, Private Long, G.B. + Morris, J.B. App. No. D-166, D-246

Boyd, Wm. A. D-247, D-248, D-249

Is the system an extension of another system? Arneson, A.H. Yes _____ No ✓ D-250, D-68, D-69

D-70, _____, D-252

Is all land irrigated from one system? Yes ✓ No _____ Clark, E.O. + Henry, Frank

Decrees circled do not go with place

(If No, show break down on map)

Source of Water Swamp Cr., ~~Dry Creek~~, Big Timber Cr.

Acres Irrigated 1950 65.0 ac. approx.

Potential Acres Planimeter Seeped 0

Explain _____

Condition of System Good

Adequate Supply ..... Yes _____ No ✓

Explain Water gets short towards last of summer

Topography Creek bottom + bench land

Information From Wade E. Nelson

Remarks Decrees for Sec. 33 do not belong To Nelson. Contact Mud Lake Bill - Nelson for Swamp Cr.

21

(1) Ditch diverts on S. side of Swamp Creek near center of sec 28. Used by Mrs. Grosfield to irr. in sec 28 and by Nelson to irrigate in sec 34. Nelson owns Claim + Hwy Decrees D-252 for this ditch.

Bruffey uses ditch to irr. NW¼ NE¼ sec 34 when flood water is available.

FORM D-1
REPORTER (M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 North Range 1 East County Sweet Grass

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 A	34 A	35	36

Township _____ Range _____

Township 2 North Range 14 East County Sweet Grass

Parcel Number	Name of Owner	Address
33A, 34A	Long, G. B. est.	Big Timber

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

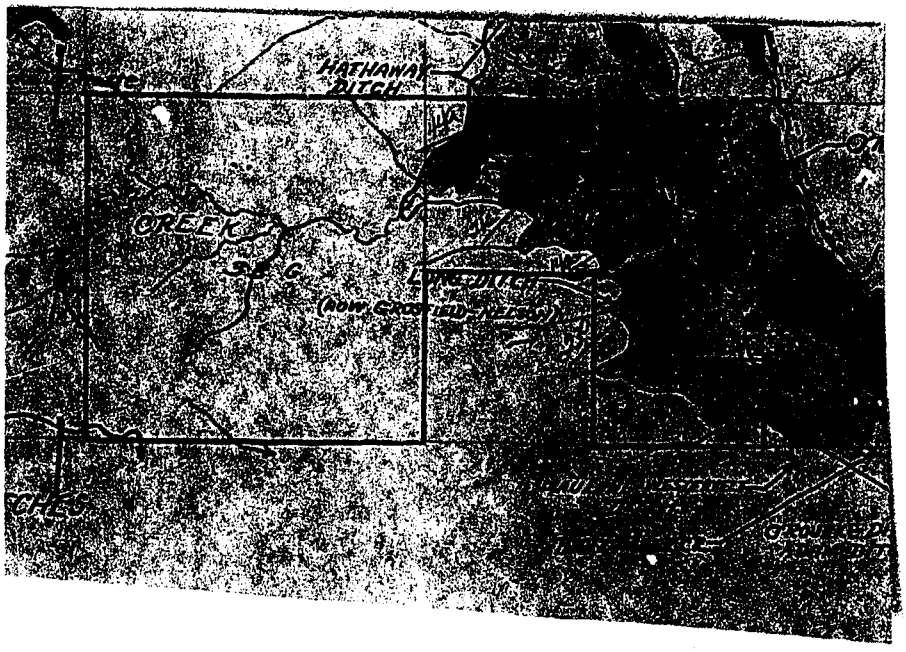
FARM MAP

County Sweetgrass
Code No. 32A-33A-34A

Name of Land Owner G. B. Long, Est. ~~NELSON, WADE~~ Address Big Timber
Name of Operator ~~Same~~ Wade Nelson Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No. 34 A System Long Ditch (Nelson-Grosfield) Source of Water Swamp Creek
Basin Big Timber Creek Present 1.02 Potential 6.0 Maximum 1.62 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Form Checked

By Jim + Bob

Area Big Timber Cr.

Date April 18, 1950

FORM F-1 REPORTER IM 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 36 B

County Sweet Grass

T. 2 N R. 14 E Sec. 36

Photo No. MA-12A-22

Legal Land Owner Rapstad, Louis + Sister Address Big Timber

Operator Helmer Branae Address " "

Branae operates state land under Rudd ditch in N½ sec 36

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System Rudd ditch and Otter Creek ditch. Pres. ____ Pot. ____

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private Rapstad, U.L. App. No. D-109, 125 (120 + 500 AF)

Is the system an extension of another system? Yes ____ No ✓

Is all land irrigated from one system? Yes ✓ No ____

(If No, show break down on map)

Source of Water Big Timber Creek,

Acres Irrigated 1950, 400 to 500 ac. approx. (Sec 36 + 31)

Potential Acres ? Seeped ?

Explain ____

Condition of System Good

Adequate Supply..... Yes ✓ No ____

Explain ____

Topography Creek bottom + bench land

Information From Helmer Branae

Remarks Some sub. irrigation

Twp. 2 N – Rge 14 E

			36			
				B		

(2)

See Also File No. 22

(1) Rudd Mutual Ditch - B.T. Creek

(2) Meyers-Repstad-Rudd Ditch - Otter Creek

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 36 B

Name of Land Owner RAPSTAD, LOUIS & SISTER Address Big Timber
Name of Operator Helmer Bramae Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 36 B System Rudd Ditch (Mutual) Source of Water Big Timber Creek
Basin Big Timber Creek Present 237 Potential 40 Maximum 277 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By MT & EC

Area Otter Creek

Date 8-10th-50

Code No. 13A

County Sweet Grass

T. 2N R. 14E Sec. 13

Photo No. MA-12A-21

Legal Land Owner Songstad, Martin Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Ten Mile Ditch Co. Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private ~~Lee, Thomas R.~~ Lavold, Theo S. App. No. 647, 849, 115

Is the system an extension of another system? Yes ✓ No _____

Is all land irrigated from one system? Yes ✓ No _____

(If No, show break down on map)

Source of Water Seven Mile Creek, Ten Mile Creek ~~Big Timber Creek.~~

Acres Irrigated 19____, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Good

Adequate Supply Yes ✓ No _____

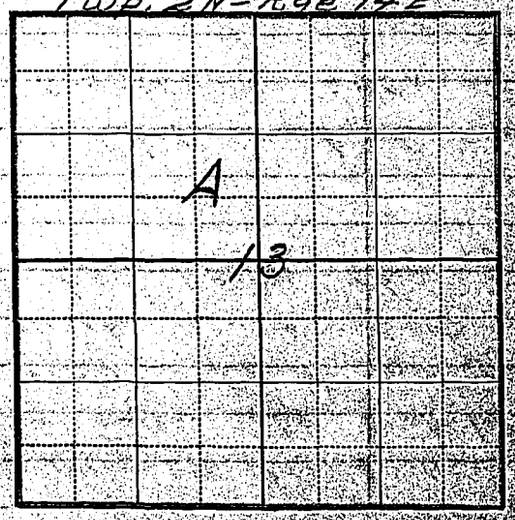
Explain _____

Topography _____

Information From Cosgriff

Remarks Level -

TWP. 2N - Rge 14E



(2)

Songstad irrigates all irrigable lands in Section 13, 2N-14E which lie below the Ten Mile Ditch and above the county road with water from the above mentioned ditch. A small amount of potential land lies below the county road.

There is no trace of a ditch out of seven mile creek or knowledge concerning one.

Form WR-B
Reporter 20168 2M 12-49

Twp. 2 N Rge. 14 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

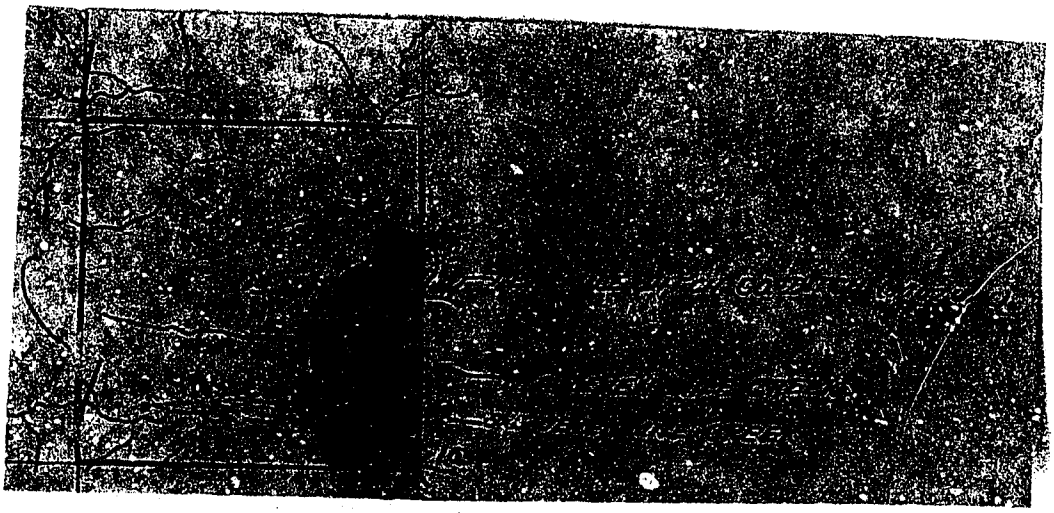
FARM MAP

County Sweetgrass
Code No. 13A

Name of Land Owner Songstad, Martin Address Big Timber
Name of Operator Same Address "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No. 13A System Ten Mile Ditch Co. Mutual Ditch Source of Water Ten Mile Creek
Basin Otter Creek Present 113 Potential 1 Maximum 114 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By Jim + Bob

Area Big Timber Cy.

Date April 14, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 35 B

County Sweet Grass

T. 2N R. 14E Sec. 35

Photo No. MA-11A-205

Legal Land Owner Solberg, Louis Address Big Timber

Operator O'Rourke Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Neumeyer, Robert
Dorsey, James & Reynolds, Chas. App. No. 92, 120, D-68
Clark, E. O. & Henry, Frank D-69, D-70, D-252

Is the system an extension of another system? } no ditch Yes _____ No _____

Is all land irrigated from one system? Yes _____ No _____

(If No, show break down on map)

Source of Water Big Timber Creek, Swamp Creek

Acres Irrigated 1950, 0

Potential Acres _____ Seeped _____

Explain _____

Condition of System no irr

Adequate Supply..... Yes _____ No _____

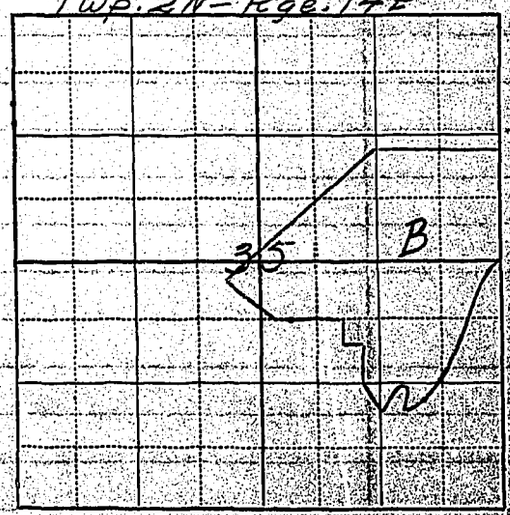
Explain _____

Topography _____

Information From Field Survey

Remarks No irr, land is all above the Rudd ditch

No irr., No. Potential



21

Farm Checked

By Jim & Bob

Area Big Timber Cr.

Date June 3, 1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 6A

County Sweet Grass

T. 2N R. 14E Sec. 6

Photo No. MA-12A-29

Legal Land Owner Tetlie, H. B. Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Big Timber Creek Canal Co. Pres. 0 Pot. 160.0

Irrigation District Pres. Pot.

Private System 2 Ditches Pres. 50.0 Pot.

2 private Ditches from B. T. Cr. Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Iverson, Nils & Nelson, Iver App. No. 109, D-100, D-101

Is the system an extension of another system? Yes No ✓

Is all land irrigated from one system? Yes No ✓

(If No, show break down on map)

Source of Water Big Timber Creek

Acres Irrigated 1950, 50.0

Potential Acres ? Seeped 0.

Explain

Condition of System Good

Adequate Supply..... Yes ✓ No

Explain Never been shut off.

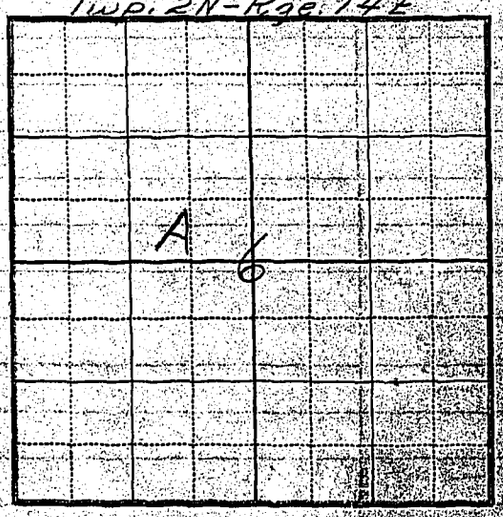
Topography Creek bottom and bench land

Information From Mr. Tetlie

Remarks Information on back.

Water on this place never wasted as water runs back into Big Timber Cr.

Twp. 2N-Rge. 14E



21

(1) Ditch takes out of corner of Sec. 36. T. 3N-R13E to irrigate on South side of Big Timber Cr. Crosses Greenfield Coulee down to coulee in lower Sec. 6 of T. 2N-R13E. Also picks up water from Greenfield Coulee during flood season.

(2) Ditch takes of Sec. 1-T3N-R13E. Hasn't been used for over 25 yrs. On South side of Big Timber Cr. Has been built. Crosses out of Greenfield Coulee. Hard to maintain. No filing shown.

(3) Water out of Wiemer (Big Timber Irr. Canal Co. Ditch) Ditch, not available because water is short at time when needed. Doesn't intend bringing any water.

(4) Has diversion out of Big Timber Creek about 1/2 mile below upper diversion which irrigates lower end of hay meadows on south side.
At the same point is trace of old ditch on north side of B. T. Creek which irrigated approx. 2 acres.

(5) Old ditch diverting from B. T. Cr. on north side near the NW corner of Sec. 36. Never been used.

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

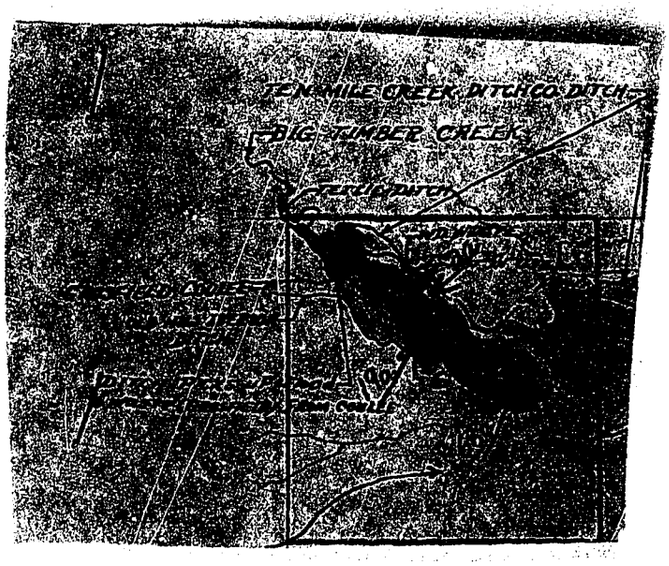
FARM MAP

County Sweetgrass
Code No. 6A

Name of Land Owner TETLIE, H. B. Address Big Timber
Name of Operator Same Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North



Code No. 6A System Tetlie Ditches Source of Water Big Timber Cr.
Basin Big Timber Creek Present 68 Potential 2 Maximum 70 R ✓ F ___ P ___ G ✓ S ___

Code No. 6A System Ten Mile Ditch Source of Water Big Timber Creek
Basin Big Timber Creek Present 0 Potential 34 Maximum 34 R ✓ F ___ P ___ G ✓ S ___

Code No. 6A System Nils Iverson Ditch Source of Water Grosfield Coulee
Basin Big Timber Creek Present 0 Potential 19 Maximum 19 R ___ F ✓ P ___ G ✓ S ___

Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By EC + MT.

Area Otter Cr.

Date 8-10-50

FORM F-1 REPORTER 1M 3-49 17360

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 24B

County Sweet Grass

T. 2N R. 14E Sec. 24

Photo No. MA-12A-21

Legal Land Owner Watson, Alex. Address Big Timber

Operator Gilbert Chas. Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Ten Mile Ditch Co. Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private ~~Lee, Thomas K.~~ App. No. 115

Is the system an extension of another system? Yes ✓ No _____

Is all land irrigated from one system? Yes ✓ No _____

(If No, show break down on map)

Source of Water ~~Big Timber Creek.~~

Acres Irrigated 19____, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes ✓ No _____

Explain _____

Topography _____

Information From Gilbert

Remarks _____

— Over —

Twp. 2N - Rge. 14E

							B
			24				

(21)

	A small area is irrigated in the	E½E½NE¼
of	Sec 24, 3N-14E with water from the	
for	Mile Ditch Co. ditch. Addit ional	
	lands in the N½N½NE¼ are potential	under
	this ditch	

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 24B

Name of Land Owner WATSON, ALEX Address Big Timber
Name of Operator Gilbert, Chas. Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 24B System Ten Mile Ditch Co. Ditch Mutual Source of Water Ten Mile Creek
Basin Otter Creek Present 5 Potential 15 Maximum 20 R ✓ F ____ P ____ G ✓ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____
Code No. ____ System ____ Source of Water ____
Basin ____ Present ____ Potential ____ Maximum ____ R ____ F ____ P ____ G ____ S ____

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Township 2 North - Range 15 East

(22)

	Name of Owner	Township & Range
1.	Arneson, Elmer	(22) 2N-15E (15) 3N-15E (16) 3N-16E (21) 12N-14E (28) 1N-14E
2.	Bjarndal, Bjarne	"
3.	Berg, Berent	"
4.	Bailey, Frank C.	"
5.	Cosgriffe, Robert J.	"
6.	Farthing, Clyde	"
7.	Kremper, John	"
8.	Lavold Bros.	"
9.	Lavold, Sylvester	"
10.	Lavold, George	"
11.	Murray, Harry	"
12.	Rapstad, Louis & sister	" (21) 2N-14E
13.	~~Rapstad,~~ Rausland Christina	"
14.	Shreve, Ralph	"
15.	Schulz, G.O.	"
16.	Watson. Alex	" (21) 2N-14E

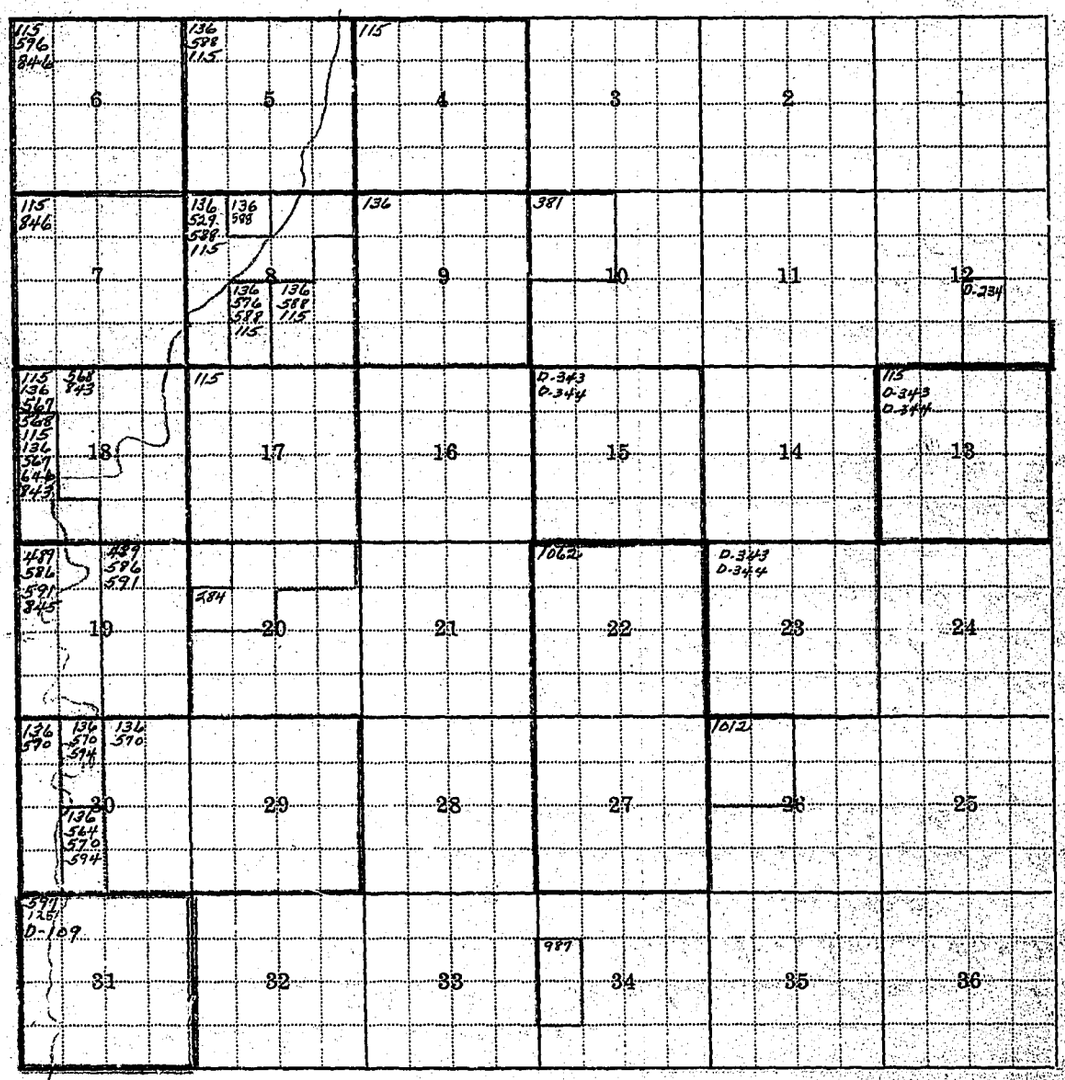
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 North Range 15 East County Sweet Grass



Township ~~2~~ North Range 15 East

Township_____ Range_____ County_____

Parcel Number	Name of ~~Owner~~ Appropriator	Address
Appropriation 78	Held Land Grant Commissioners	
	Certain lands in 2 N 15 E. Point of diversion beginning at SE corner Sec. 26 3N 13E on Big Timber Creek. A canal about 20 miles long.	
Appropriation 95	Lee, Thomas & et al	Big Timber, Mont
	Lands in 2N 15E. Point of diversion on East Big Timber Creek is on east bank about 600 feet north of north section line of Sec. 23 3N 13E.	
Appropriation 107	Holland Irrigation Canal Co.	Bozeman, Mont
	Lands lying in 2N15E. Point of diversion on North Fork (sometimes called the East Fork) of Big Timber Creek is 1024 feet north of the SW corner of the SE ¼ Sec 23 3N 13E on east bank of said stream.	
Appropriation 108	Holland Irrigation Canal Co	Bozeman, Mont
	Lands lying in 2N15E. Point of diversion on South Fork of Big Timber Creek is 955 feet NW of the SE corner of the SW ¼ Sec 20 3N 13E on left bank of said stream.	
Appropriation 101	Hatch, Mary L.	Big Timber, Mont
	Land in 2N 15E. Point of diversion on east bank about 600 feet north of the north section line of Sec. 23, 3N, 13E on East Fork of Big Timber Creek.	
Appropriation 382	Tintiger, Theodore (200 m.i.)	Big Timber, Mont
	No legal description. Point of diversion on Dry Creek about ½ mile up the main creek from the confluence of Mexican Fork with the main creek. Lands known as "Cartwright Claim", situated 2½ miles south of County road & at a point crossing Dry Creek. This land may be in 15, 14 or 15 E.	

Township 2 North, Range 15 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
115	Lee, Thomas K.	Big Timber Creek	4-28-96	5-18-96	10,000
125	Rapstad, Jacob L.	" " "	2-18-04	2-18-04	~~[illegible]~~
136	Ten Mile Ditch Co.	Big Timber Creek	12-10-04	12-10-04	1200
284	Grosfield, Minnie A.	Cedar Creek	6-1-12	6-1-12	200
381	Pederson, John	Dry Creek	5-8-12	5-8-12	100
489	Magelson, P. J.	Huyser Creek	3-3-09	3-4-09	500
529	Davies, Richard	Medicine Bow	5-11-97	5-11-97	650
~~[illegible]~~	~~Holland Irrigation Canal~~	Otter Creek	~~[illegible]~~	~~[illegible]~~	~~[illegible]~~
564	Mahoney, W. T.	Nash Creek	1-14-19	1-20-20	150
567	Abrahamse, Martin et al	Otter Creek	10-27-98	10-27-98	600
568	Abrahamse, M. J. et al	Otter Creek	3-22-00	3-24-00	600
570	Attwater, C. & Wm.	Otter Creek	10-27-00	10-27-00	500
576	Ellingson, Gina	Otter Creek	9-13-99	9-13-99	800
586	Huyser, J. A.	Otter Creek	3-23-07	3-23-07	200
588	Lavold, B. S.	Otter Creek	3-11-07	3-11-07	2000
591	Magelson, P. J.	Otter Creek	3-25-09	3-25-09	500
594	Morstin, Joseph	Otter Creek	2-26-92	2-27-92	200
596	Oleson, Fred F.	Otter Creek	4-23-96	4-29-96	300
597	Rapstad, J. L.	Otter Creek	6-25-17	6-26-17	500
646	Kemps, John	Seven Mile Creek	10-3-98	10-3-98	150
843	Abrahams, Martin J. et al	Ten Mile Creek	4-6-04	4-9-04	450
845	Crest, Albert & Magelson, P.J.	Ten Mile Creek	12-13-09	1-3-10	500
846	Glass-Lindsay Land Co.	Ten Mile Creek	2-4-10	2-8-10	200
987	Druckemiller, Chas.	Unnamed Spring	2-25-09	2-25-09	50
1012	Hoy, Wylie	Unnamed Spring	9-21-14	9-21-14	5
1062	Tintinger, Louis	Unnamed Spring	6-3-99	6-5-99	100
D-109	Rapstad, J. L.	Big Timber Creek	5-1-01		500
D-234	Bailey, LaFayette	Spring Creek	7-20-15		120
D-343	Patterson, E. L.	Sweetgrass Creek	6-1-97		65
D-344	Patterson, E. L.	Sweetgrass Creek	6-1-98		30

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2N Range 15E County Sweet Grass

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
1149 30	29	28	27	26	25
31	32	33	34	35	36

Transcribed from Park County

Township 2N Range 15E

Township_____ Range_____ County_____

Parcel Number	Name of Owner	Stream	Address	App	Filed	MI
1149	Marston, Joseph	Otter Cr.		2-26-92	2-27-92	200

Farm Checked

By E.C. & M.T.

Area Otter Cr.

Date 8-9-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7A

County Sweet Grass

T. 2N R. 15E Sec. 7

Photo No. MA-12A-20

Legal Land Owner Elmer Arneson Address

Operator Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Ten Mile Ditch Co. Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

Is the system an extension of another system? Yes No ✓

Is all land irrigated from one system? Yes ✓ No

(If No, show break down on map)

Source of Water Ten Mile

Acres Irrigated 1950, None

Potential Acres 14 Seeped

Explain

Condition of System

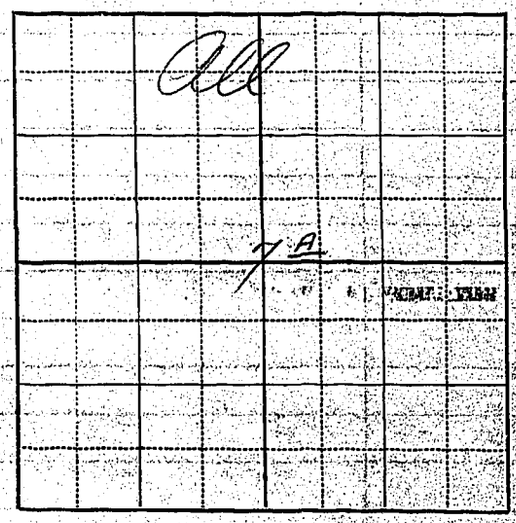
Adequate Supply Yes No

Explain

Topography

Information From Harold Bns. & observation

Remarks Over



2 ✓

Potential lands lying under the Ten Mile Ditch in the SE¼SE¼ of Sec. 7, 2N-15E. No right held in above named ditch.

Some additional lands located on the East side of Otter Creek in the SE¼SE¼ of Sec 7, 2N-15E are potential under the Aurwater Ditch No right is held in this ditch

-B
20168 2M 12-49

Rge. 15E
Rge.
Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 7A

Owner ARNESON, ELMER Address Big Timber
ator Same Address " "
ion

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

7A	System Ten Mile Ditch			Source of Water Ten Mile Creek						
Otter	Present 0	Potential 11	Maximum 11	R ✓	F	P	G	✓ S		
7A	System Auwater Ditch			Source of Water Otter Creek						
Otter	Present 0	Potential 3	Maximum 3	R ✓	F	P	G	✓ S		
	System			Source of Water						
	Present	Potential	Maximum	R	F	P	G	S		
	System			Source of Water						
	Present	Potential	Maximum	R	F	P	G	S		

nder Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be em

E: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

from Date

Farm Checked

By M.J. + R.B.

Area Sweet Grass

Date 8-17-50

FORM F-1 REPORTER IM-3-49-17380

Code No. 12 C

County Sweet Grass

T. 2 N R. 15 E Sec. 12

Photo No. MA-7A-148

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Legal Land Owner Frank C. Bailey Address Big Timber Mont.

Operator " " Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System ✓ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Lafayette Bailey App. No. D-234

Is the system an extension of another system? Yes _____ No ✓

Is all land irrigated from one system? Yes ✓ No _____

(If No, show break down on map)

Source of Water Spring Cr.

Acres Irrigated 1950, 0

Potential Acres 54 Seeped _____

Explain _____

Condition of System Poor

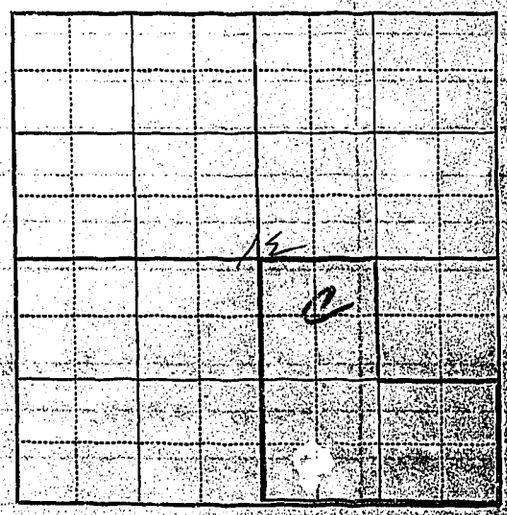
Adequate Supply..... Yes _____ No ✓

Explain Insufficient supply

Topography Bench land

Information From G.D. Schulz & Field Survey

Remarks over



EE

Bailey ditch out of Spring Cr. Point of Diversion in center of sec 12 T2N-R15E on south bank. This ditch has not been used for many years, therefore, is in poor shape.	

Form WR-B
Reporter 20168 2M 12-49

Twp. 2 N Rge. 15 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 12C

Name of Land Owner BAILEY, FRANK C. Address Big Timber
Name of Operator Same Address " "
Legal Description

■ Irrigated Land □ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 12A System Bailey Ditch (not in use) Source of Water Spring Creek trib. to Sw. Gr. Cr.
Basin Sweet Grass Present 0 Potential 54 Maximum 54 R ✓ F ___ P ___ G ✓ S ___
Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___
Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___
Code No. ___ System ___ Source of Water ___
Basin ___ Present ___ Potential ___ Maximum ___ R ___ F ___ P ___ G ___ S ___

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from ____ Date ____

Farm Checked

By MT & EC

Area Otter Cr.

Date 8-11-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 19A & 9A

County Sweet Grass

T. 2 N R. 15 E Sec. 19, 29

Photo No. MA-12-21

Legal Land Owner: Robert Berg Address: Big Timber

Operator: " Address: "

Water is delivered by:

		Pres.	Pot.
Federal Project			
Ditch Company	Ten Mile Ditch Co	74	14
Irrigation District	Auwater Ditch	164	9
Private System			
	Totals		

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company: P. J. Magelson; Albert Ernest & P. J. Magelson App. No. 489; 586; 591

Original Appropriator, Private App. No. 845

Is the system an extension of another system? Yes ✓ No

Is all land irrigated from one system? Yes No ✓

(If No, show break down on map)

Source of Water: Hunyen Cr.; Otter Cr.; Ten Mile Cr.

Acres Irrigated 19 50, 238

Potential Acres 23 Seeped

Explain

Condition of System Good. Last few years

Adequate Supply Yes ✓ No

Explain

Topography

Information From Mr. B. M. Berg.

Remarks

may be

gravity.