Mr Berg has no irrigation whatsoever in section 29, however there is some potential land in the N½N½ of section 29 under the Auwater ditch.

① On the West side of Otter Cr. in Section 19-2N-15E practically all irrigable lands under the Auwater ditch are irrigated. Some lands on the South side of Nash Gulch under the Auwater ditch are either too rolling or too steep to be irrigated. Berg holds 137 shares in the Auwater ditch

② On the East side of Otter Cr. all irrigable lands lying under the Ten Mile Ditch Co. ditch are irrigated, with the exception of a small area in the N½NW¼NW¼ Sec 19, 2N-15E

③ Berg has no knowledge of any ditch out of Hunser Creek or even as to it's geographical location

FORM D-1 - GAZETTE 1654-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 5 N Range 15 E County Sweet Grass

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

Herbert Berg

Township 5 Range 15

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

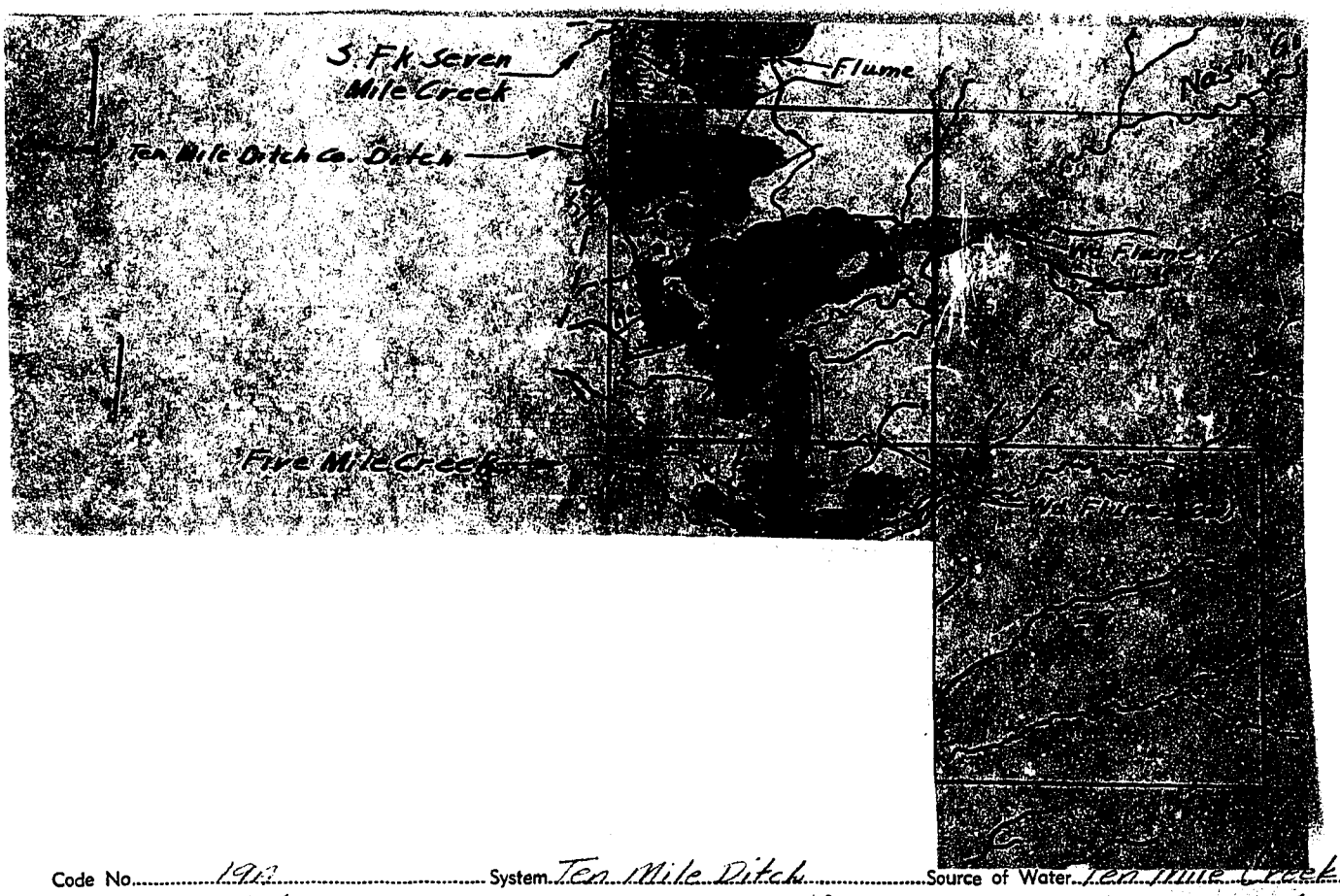
FARM MAP

County Sweetgrass
Code No. 19A-29A

Name of Land Owner R. M. BERG Address Big Timber
Name of Operator Same Address
Legal Description

[■] Irrigated Land [ ] Non-Irrigated Land [■] Potential Land Under Existing Facilities

North



Code No. 19A System Ten Mile Ditch Source of Water Ten Mile Creek
Basin Otter Present 74 Potential 14 Maximum 88 R ✓ F ____ P ____ G ✓ S ____
Code No. 19A, 29A System Auwater Ditch Source of Water Otter Creek
Basin Otter Present 164 Potential 9 Maximum 173 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 Ten Mile Cr.

Date 8-10th-50

Code No. 6A

County Sweet Grass

T. 2N R. 15E Sec. 6

Photo No. MA-12A-20

Legal Land Owner Bjarne Bjarndal Address Big Timber

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 Thomas K. Lee; Fred F. Oleson; Glass Lindsay Co. App. No. 115; 596; 846

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 Cr.~~; ~~Otter Cr.~~; Ten Mile Cr.

Acres Irrigated 1950, 54

Potential Acres 32 Seeped ____

Explain ____

Condition of System Good where in use

Adequate Supply..... Yes ____ No ____

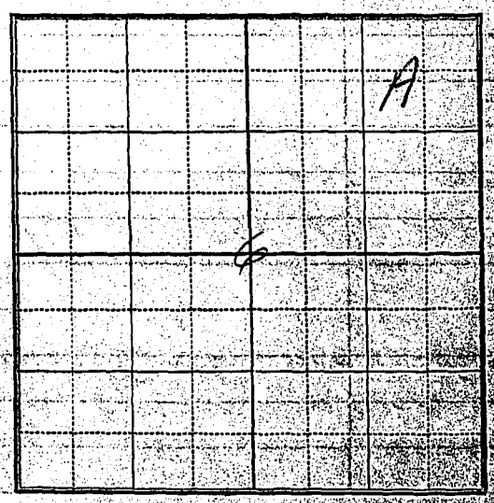
Explain ____

Topography ____

Information From ____

Remarks ____

-OVER-



						A	
				6			

22

The only irrigation in Section 6, 2N-15E is from Bjarndal's private system which diverts water from Ten Mile Creek near the No. quarter corner of Sec. 6, 2N-15E. Lands lying below the ditch on the North side of Ten Mile Creek are potential due to the disrepair of an extremely long flume which has been cut for many years.

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. 6A

Name of Land Owner Bjarndal, Bjarne 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 Bjarndal Ditch Source of Water Ten Mile Creek
Basin Otter Present 54 Potential 32 Maximum 86 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 Cr.

Date 8-10-50

Code No. 17A, 18A, 20A

County Sweet grass

T. 2N R. 15E Sec. 17, 18, 20

Photo No. MA-12A-21

Legal Land Owner Robert J. Cosgriffe Address Big Timber

Operator " Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

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

Irrigation District Unnamed Mutual Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals ✓

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Ten Mile Ditch Co App. No. 136

Original Appropriator, Private F.K. Lee; M. J. Abrahamse; Minnie Grosfield App. No. 115, 567, 568, 843, 284

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 Cr; Otter Cr; Ten Mile Cr; Cedar Cr.

Acres Irrigated 1950, 88

Potential Acres 17 Seeped _____

Explain _____

Condition of System Good

Adequate Supply Yes ✓ No _____ in recent years

Explain _____

Topography _____

Information From R. J. Cosgriff

Remarks _____

— over —

EE

R.J. Cosgriffe irrigates his lands which are irrigable on the West side of Otter Creek with water from the Ten Mile Ditch Co ditch

At the present time Cosgriffe irrigates his lands which are irrigable on the East side of Otter Creek and lying in the NE¼ of Sec 18, 2N-15E, with water from an unnamed mutual ditch located just above the Auwater Ditch. In the near future he intends to irrigate his lands in the NW¼NW¼ Sec 17, 2N-15E which are now classified as potential under the above mentioned unnamed mutual ditch.

No knowledge is available concerning the location of Cedar Creek and no ditches are visible on or near the mentioned pt. of diversion or intended place of use.

FORM D-1 - GAZETTE 1864-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 N Range 15 E County Lewis & Clark

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

Robert J. Cassiffe

Township 2 Range 15

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

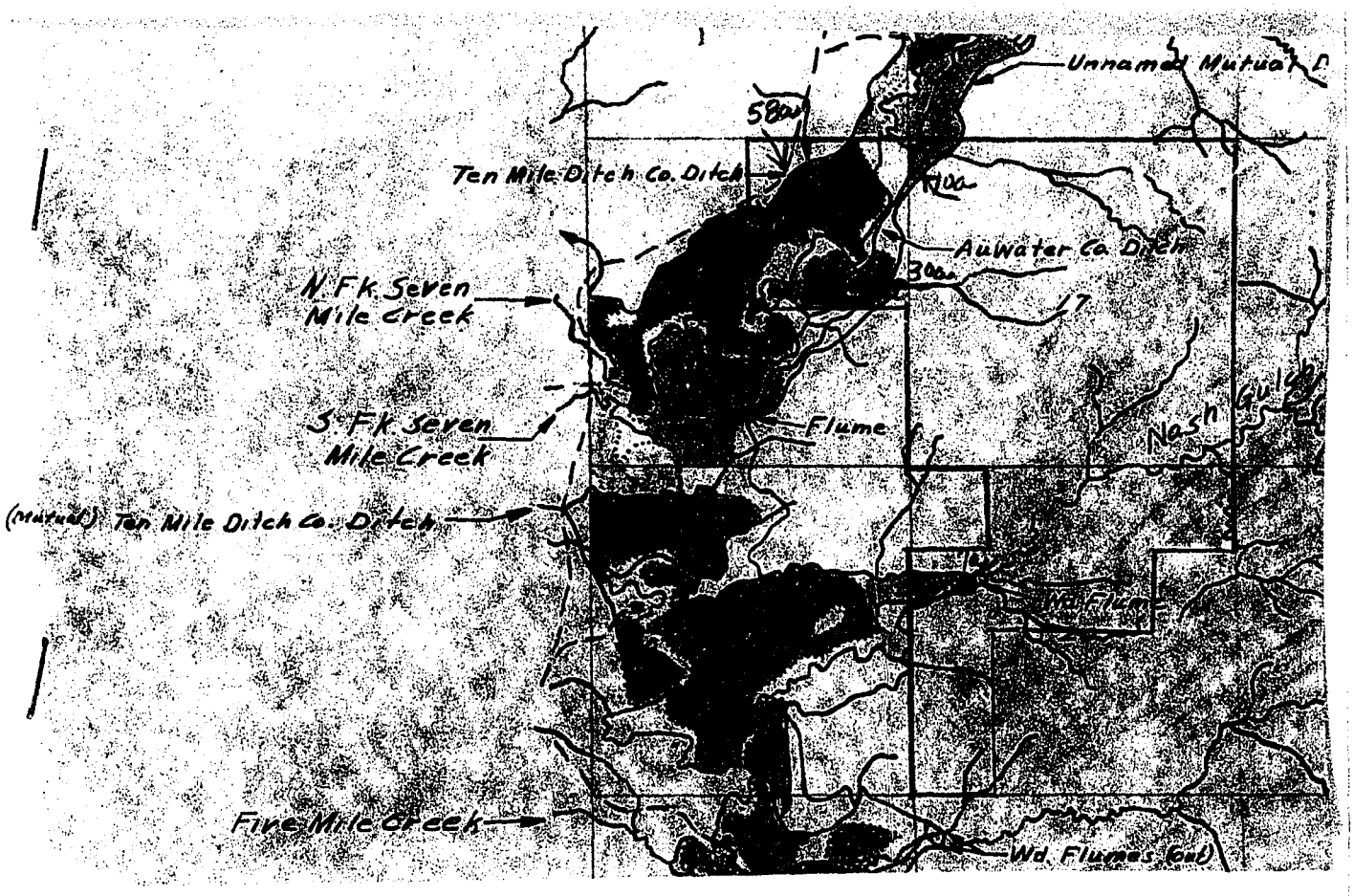
FARM MAP

County Sweetgrass
Code No.
17A-18A-20A

Name of Land Owner COSGRIFF, ROBERT T. Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North



Code No. 18 N	System Ten Mile Ditch				Source of Water Ten Mile Creek						
Basin Otter	Present 58	Potential 0	Maximum 58	R ✓	F	P	G ✓	S			
Code No. 17A, 18A, 20A	System Auwater Ditch				Source of Water Otter Creek						
Basin Otter	Present 0	Potential 7	Maximum 7	R ✓	F	P	G ✓	S			
Code No. 17A, 18A	System Unnamed Mutual				Source of Water Otter Creek						
Basin Otter	Present 30	Potential 10	Maximum 40	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. PRB.

Area Sweetgrass

Date 8-16-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 13

County Sweet Grass

T. 1 N R. 10 E Sec. 13

Photo No. MT-VA-148

Legal Land Owner Clyde Fanthing Address Big Timber

Operator Chas Wilson Address "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System ____ Pres. ____ Pot. ____

No irrigation — no ditches Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ____

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private ~~[illegible]~~; E. S. Patterson App. No. ~~[illegible]~~; (D-343-44)

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 Cr.; Sweetgrass Cr.

Acres Irrigated 19____, None

Potential Acres None Seeped ____

Explain ____

Condition of System ____

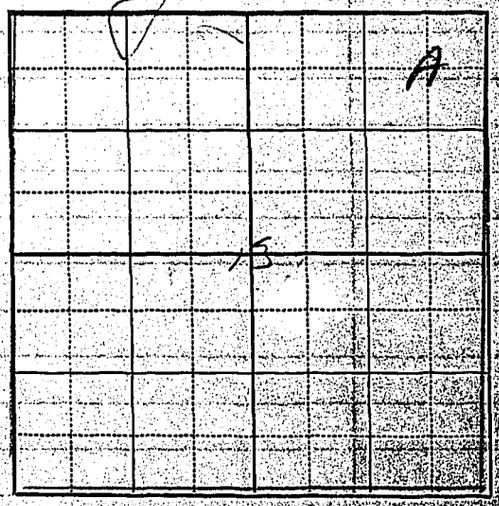
Adequate Supply..... Yes ____ No ____

Explain ____

Topography ____

Information From G.O. Schulz

Remarks ____



FORM F-1 - GAZETTE 1605-2M-1-47

Farm Checked

By

Area

Date

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 12 B

County Sweet Grass

T. 2N R. 15E Sec. 12

Photo No. MA-7A-148

Legal Land Owner B. B. Knapp Address

Operator " Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Bailey Ditch Pres. 0 Pot. 1

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 Spring Creek

Acres Irrigated 1950 0

Potential Acres 1 Seeped

Explain

Condition of System

Adequate Supply Yes No

Explain

Topography

Information From

Remarks

Form WR-B
Reporter 20168 2M 12-49

Twp._____ Rge._____
Twp._____ Rge._____
Twp. 3N Rge. 15E

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

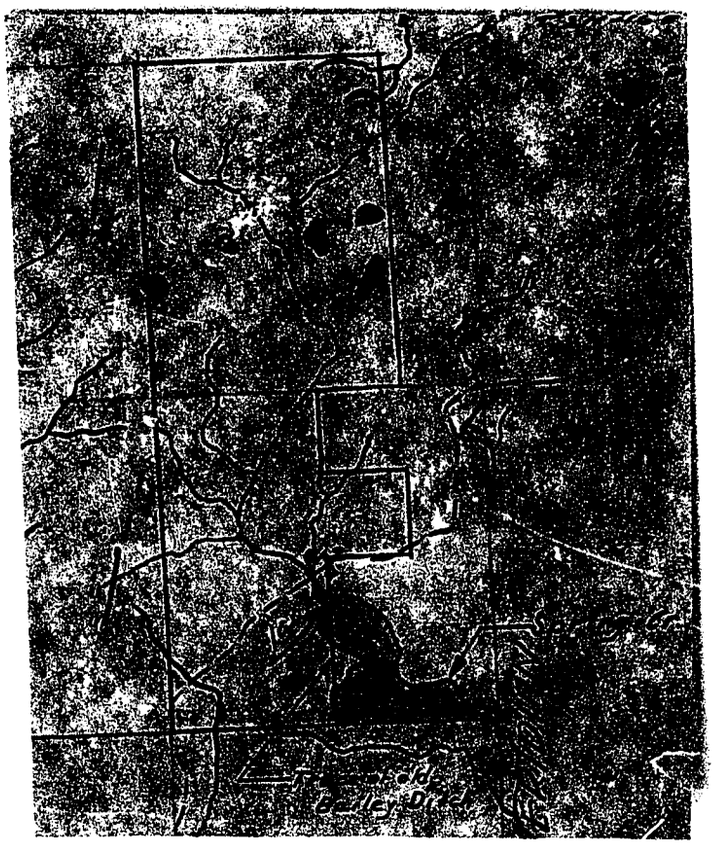
FARM MAP

County Sweet Grass
Code No. 125

Name of Land Owner B. B. Knapp Address
Name of Operator " Address
Legal Description

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

North



Code No. 125 System Bailey Ditch Source of Water Spring Creek trib. to Hamilton Cr.
Basin Sweet Grass Present 0 Potential 1 Maximum 1 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 Co.

Date 8-11-50

Code No. 30 A

County Sweet Grass

T. 2 N R. 15 E Sec. 30

Photo No. MA-12A-21

Legal Land Owner John Kremper Address Big Timber

Operator " Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Auwater Ditch (Mutual) Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Ten Mile Ditch Co. App. No. 136

Original Appropriator, Private Gina Ellingson; Joseph Monsters App. No. 570, 594

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~~ Cr; Otter Cr;

Acres Irrigated 1950, 116

Potential Acres 14 Seeped _____

Explain _____

Condition of System Good where used

Adequate Supply ..... Yes ✓ No _____

Explain _____

Topography _____

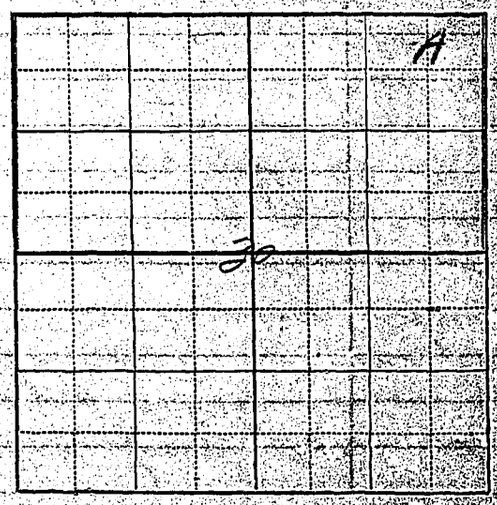
Information From John Kremper

Remarks _____

(over)

							A
				30			

EE



Krempen derives water from one source only, the Auwater Ditch in which he holds 122 shares. At one time this Ditch traversed the terrain at a higher elevation; however, a flume was undermined over thirty years ago and the ditch was relocated so as to bypass this flume which was located in the NW¼ NW¼ of Section 29-2N-15E. The land lying between the old location of the Auwater Ditch and its present location has been classified as potential. The present ditch is in very good condition, having been cleaned by dozers in the Summer of 1949. Krempen irrigates all irrigable land under the present location of the Auwater Ditch.

Form WR-B
Reporter 20168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

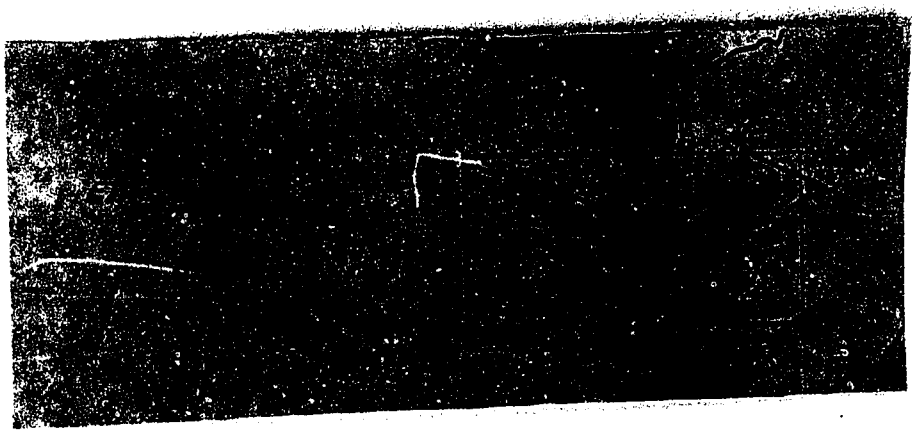
FARM MAP

County Sweetgrass
Code No. 30A

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

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

North



Code No. 30A System Auwater Ditch Source of Water Otter Creek
Basin Otter Present 116 Potential 14 Maximum 130 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 8-9-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 3,4,5,8A,9A,10A

County Sweet grass

T. 2 N. R. 18 E. Sec. 3,4,5,8,9,10

Photo No. MA-1EA-20, 7A-148

Legal Land Owner Lavold Bros. Address Big Timber

Operator Address

Water is delivered by:

Federal Project Ten Mile Ditch Co. Pres. Pot.

Ditch Company Auwater Ditch (mutual) Unnamed Mutual Ditch Pres. Pot.

Irrigation District Pres. Pot.

Private System Tangen (Webb) Ditch (Feeder to Res.) Reservoir & ditches from it. Lavold ditch on East side of Otter Cr. Lavold ditch on West side of Otter Cr. Pederson Ditch (Dry Creek) Pres. Pot. Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Ten Mile Ditch Co. App. No. 136

Original Appropriator, Private ~~Thompson Joe~~, B. S. Lavold, Richard Davis, John Pederson App. No. 115, 136, 588, 324, 381

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 Cr.~~, Otter Cr., Medicine Bow, Dry Cr.

Acres Irrigated 1950, 266

Potential Acres 38 Seeped

Explain

Condition of System Very good

Adequate Supply..... Yes ✓ No

Explain

Topography river bottom

Information From Lavold Brothers

Remarks

(OVER)

EE

The feeder ditch to the Lavold reservoir, known as the Tangen ditch or the Webb ditch, diverts water from Otter Creek near the North quarter corner of Sec 29-3N-15E. At one time this ditch irrigated lands in sec 29 & 32 only; however, R. S. Lavold, the Lavold Bros. Father, enlarged the ditch and diverted water into a reservoir located in the N½ Sec. 5, 2N-15E, at the same time filing for flood water to fill the reservoir.

(1.) From this feeder ditch, lands lying in the N½NE¼, Sec. 5, 2N-15E are irrigated and additional lands in the same area are potential under old laterals from this ditch.

(2.) Two ditches take out of the reservoir and irrigate lands below them on the West side of Otter Creek. These lands lie pricipity in the E½ of Sec. 5, 2N-15E.

(3.) A private ditch takes out of Otter Cr. on the East bank near the center of the NE¼ of Sec. 5, 2N-15E and irrigates lands under it in the NE¼SE¼, Sec 5, 2N-15E.

(4) Another private ditch takes out of Otter Creek on the west bank near the North Section line of Section 8, 2N-15E and irrigates lands lying below it in the N½ of Sec. 8, 2N-15E

(5) The Ten Mile Ditch Co ditch irrigates all irrigable lands below it on the West side of Otter Creek in Sec. 8-2N-15E. — irrigation colored on photo blue.

(6.) The Rainwater Ditch flows through but does not irrigate any land in Section 8. Lavolds hold no rights in the ditch.

(7.) The Unnamed Mutual irrigates all irrigable lands lying below it and above the Rainwater ditch on the East side of Otter Cr. in Sec 8, 2N-15E. colored brown on photo

(8) a trace of the Pederson homestead ditch out of Dry Cr. in Sec. 10, 2N-15E remains, but in very poor condt.

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

(Cont. Next Page)

WATER RESOURCES SURVEY

Township 2N Range 15E County Sweet Grass

6	5 A	4 A	3 A	2	1
7	8 S. Laroll A; S. Laroll; S. Laroll; Geo. Laroll	9 A	10 A	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

Lawrence Brown

Township 2N Range 15E

Township _____ Range _____ County _____

Parcel Number	Name of Owner	Address

The Lavold Bros. Plan to extend the Swanson Ditch from center of Sec. 32 (T3N.-R.15E.) down to center of Sec 8. (T2N-R.15E) to irrigate lands in Sec. 5 & Sec 8 (T2N-R.15E). They will buy Water from Sw. Gr. Can. & Res. Co. and run this water down Tangen Coulee to where it will be picked up by The Swanson Ditch.

nson
down
ls in
Water
water
be

Farm Checked

By EC & MT

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. 8-E

County Sweet Grass

T. 2 N R. 15 E Sec. 8

Photo No. MM-12-A-50

Legal Land Owner Geo. Savold Address Big Timber

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 Jens Mile Ditch Co App. No. 136

Original Appropriator, Private B. S. Savold; Thomas Sec App. No. 5-88; 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 Cr; Otter Cr;

Acres Irrigated 19____, None

Potential Acres None Seeped None

Explain ____

Condition of System ____

Adequate Supply..... Yes ____ No ____

Explain ____

Topography ____

Information From Savold Brothers

Remarks See form on Savold Bros. in this township for other lands owned by them

							E

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By EC & MT

Area Otter Cr.

Date 8-9-50

Code No. 8 B, D, & C

County Sweet grass

T. 2 N R. 15 E Sec. 8

Photo No. MA-12A-20

Legal Land Owner Sylvester Lavald Address Big Timber

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 Ten Mile Ditch Co. App. No. 136

Original Appropriator, Private B. S. Lavald; Gina Ellingson; Thomas K. Lee App. No. 588; 576; 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 Cr; Otter Cr;

Acres Irrigated 19__, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

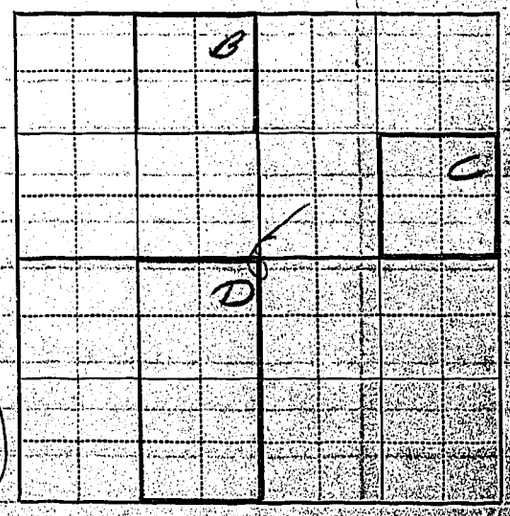
Adequate Supply ..... Yes ✓ No _____

Explain _____

Topography _____

Information From Lavald Bros

Remarks See form on Lavald Bros (in this twp. for write up on their holdings)



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

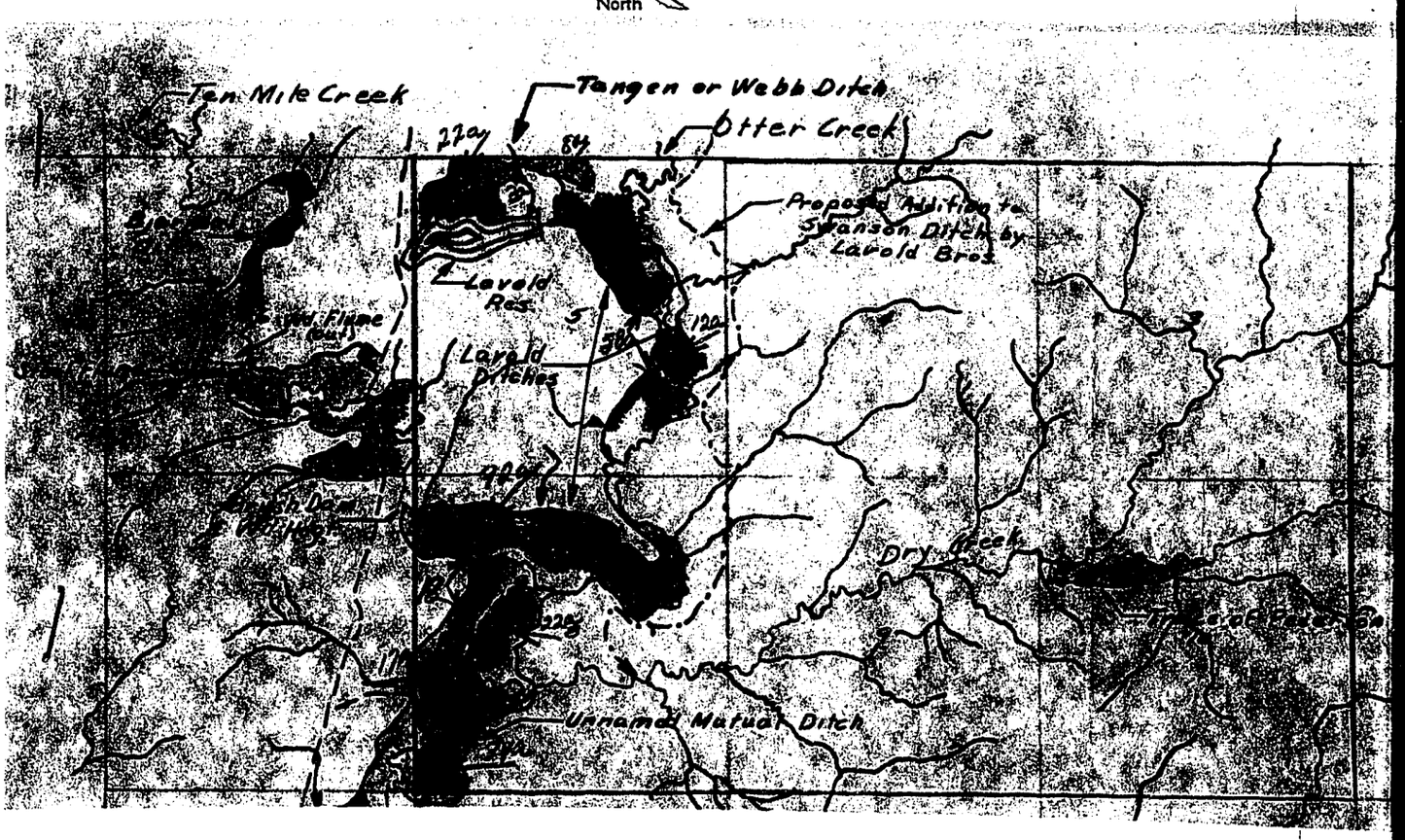
FARM MAP

County Sweetgrass
Code No. 3A-4A-5A-8A-9A-10A

Name of Land Owner Lavold Bros. 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	Tangen or Webb Ditch	Source of Water	Otter Creek						
Basin	Otter	Present	22	Potential	15	Maximum	37	R ✓	F	P	G ✓ S
Code No.	5A	System	Lavold Ditch (from prt. res.)	Source of Water	Otter Creek						
Basin	Otter	Present	58	Potential	0	Maximum	58	R ✓	F	P	G ✓ S ✓
Code No.	7A	System	Lavold Ditch	Source of Water	Otter Creek						
Basin	Otter	Present	12	Potential	0	Maximum	12	R ✓	F	P	G ✓ S
Code No.	10A	System	Peterson Ditch	Source of Water	Dry Creek trib. to Otter						
Basin	Otter	Present	0	Potential	2.3	Maximum	2.3	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 ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. 3A-4A-5A-8A-9A-10A

D BROS. Address Big Timber

Address " "

Potential Land Under Existing Facilities

Code No. [illegible] System [illegible] Source of Water Otter Creek

Basin [illegible] Present [illegible] Potential [illegible] Maximum [illegible] R ✓ F P G ✓ S

Code No. [illegible] System [illegible] Source of Water [illegible] Creek

Basin [illegible] Present [illegible] Potential [illegible] Maximum [illegible] R ✓ F P G ✓ S

Code No. [illegible] System [illegible] Source of Water [illegible]

Basin [illegible] Present [illegible] Potential [illegible] Maximum [illegible] R ✓ F P G ✓ S

Code No. [illegible] System [illegible] Source of Water Otter Creek

Basin [illegible] Present [illegible] Potential [illegible] Maximum [illegible] 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 M.T. HRB

Area Sweet Grass

Date 8-16-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 21 A 33 A 3dA

County Sweet Grass

T. 2 N R. 1 E Sec. 21, 33, 34

Photo No. MA-NA-21, " 12A-22, " 7A-146

Bernard Lein

Legal Land Owner ~~Christina Rowland~~ Address Big Timber

Operator Bernard Lein Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

No irrigation — no ditches Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Chas Druckemiller App. No. 987

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 Unnamed Spring

Acres Irrigated 19____, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From Bernard Lein

Remarks _____

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

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 A	22	23	24
30	29	28	27	26	25
31	32	33 A	34 A	35	36

Christina Rainland

Township 2 Range 15

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

Farm Checked

By

Area

Date

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 18D

County Sweet Grass

T. 2N R. 15E Sec. 18

Photo No. MA-12A-21

Legal Land Owner Montana, State of Address

Operator ? Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Ten Mile 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 Creek

Acres Irrigated 1950, 2

Potential Acres 0 Seeped

Explain

Condition of System

Adequate Supply Yes No

Explain

Topography

Information From

Remarks

			D				
			18				

Form WR-B
Reporter 20168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 18D

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. 18D System Ten Mile Ditch Co. Source of Water Ten Mile Creek
Basin other Present 2 Potential 0 Maximum 2 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 M.T. +BB

Area Otter Cr

Date 8-16-50

Code No. 30 C

County Sweet Grass

T. 2 N R. 15 E Sec. 30

Photo No. MA-12A-21

Legal Land Owner Harry Murray Address Big Timber

Operator " Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Au water Ditch Co Pres. Pot.
Meyers, Rapstad, + Rudd Ditch

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company ~~Ten Mile Ditch Co.~~ App. No. ~~136~~

Original Appropriator, Private W.T. Mahoney; C & Wm Attwater App. No. 564, 570, 594

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

Is all land irrigated from one system? Yes No ✓

(If No, show break down on map)

Source of Water Big Timber Cr; Nash Cr; Otter Cr

Acres Irrigated 1950, 133

Potential Acres 57 Seeped

Explain

Condition of System Ditches in use - Good

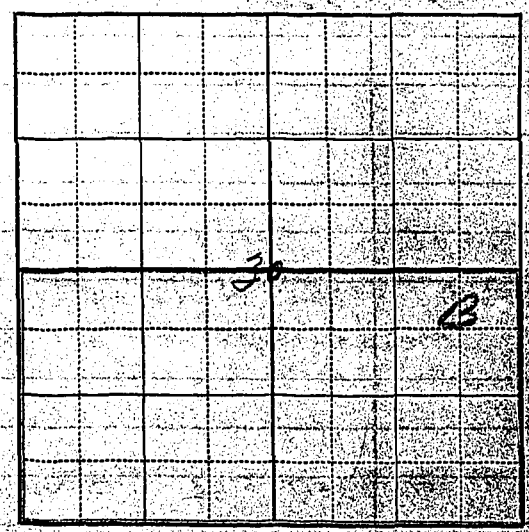
Adequate Supply Yes ✓ No

Explain

Topography Benchland

Information From Harry Murray

Remarks over



30

B

22

(1) Auwater ditch out of Otter Creek. This ditch is in good condition.

(2) Old Auwater ditch which takes out of the present Auwater ditch in NW¼NW¼ Sec 29 T2N-R15E. This ditch is not in use due to two flumes being washed out.

(3) a Meyers, Rapstad, & Odd ditch out of Otter Cr. Point of diversion in NE¼SW¼ Sec 30 T2N-R15E. This ditch is in good condition. Water is diverted into this ditch by brush dam & wooden headgate.

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

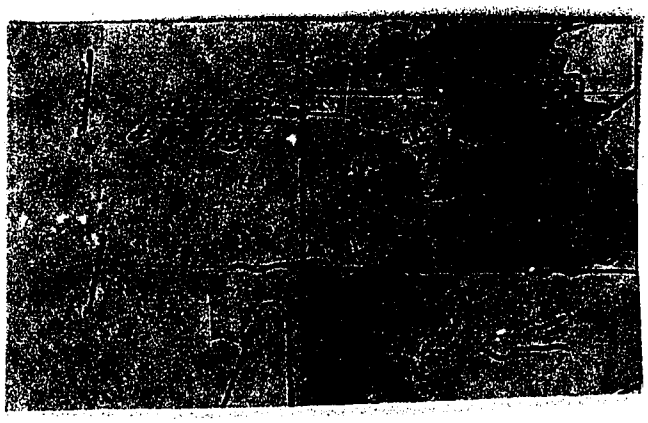
FARM MAP

County, Sweetgrass
Code No. 300

Name of Land Owner MURRAY, HARRY Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North



Code No. 30B System Auwater Ditch Source of Water Otter Creek
Basin Otter Present 122 Potential 50 Maximum 172 R ✓ F ___ P ___ G ✓ S ___

Code No. 30B System Meyers, Lapstad, Rudd Ditch Source of Water Otter Creek
Basin Otter Present 11 Potential 7 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 ___

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 Jim + Bob

Area Big Timber Cr.

Date April 18, 1950

Code No. 31A

County Sweet Grass

T. 2 N R. 15 E Sec. 31

Photo No. MA-12-A-22

Legal Land Owner Louis Rapstad & Sis Address Big Timber

Operator Helmer Branae 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 J. S. Rapstad; App. No. 597 (1917-500) Y25; D-109 (1901-400 M)

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 Otter Cr; Big Timber Cr;

Acres Irrigated 1950, 185

Potential Acres 3 Seeped _____

Explain _____

Condition of System Good

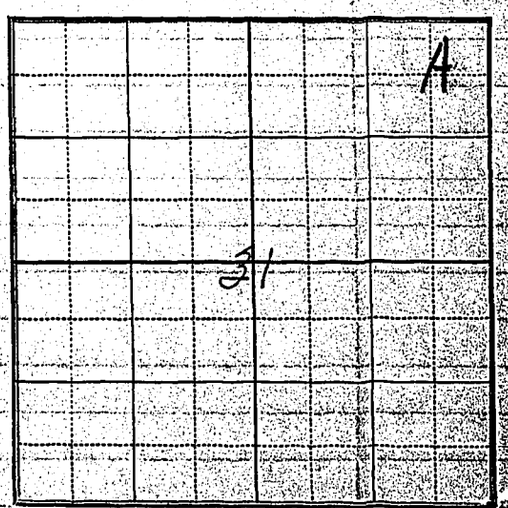
Adequate Supply ..... Yes ✓ No _____

Explain _____

Topography Bench land

Information From _____

Remarks _____



22

Form WR-B
Reporter 20168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 31A

Name of Land Owner Louis Rapstad and Sis Address Big Timber
Name of Operator Helmer Brauge Address " "
Legal Description

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

North

Code No. 31A System Meyers, Rapstad, Rudd Ditch Source of Water Otter Creek
Basin Otter Present 52 Potential 0 Maximum 52 R ✓ F ____ P ____ G ✓ S ____
Code No. 31A System Rudd Ditch Source of Water Big Timber Cr.
Basin Big Timber Present 133 Potential 3 Maximum 136 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 & BB

Area Sweet Grass

Date 8-16-50

Code No. 15A, EEB, 23A, 26A, 27A, 34B

County Sweet Grass

T. 2N R. 15E Sec. 15, EE, 23, 26A, 27, 34B

Photo No. MA-7A-148, 7A-147

Legal Land Owner G. O. Schultz Address Big Timber

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. ~~(D-343-4)~~

Original Appropriator, Private ~~E. S. Patterson; Louis Fintinger~~ Wylie Hay App. No. 1062, 1012

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 ~~Sweet Grass Cr.~~; Unnamed Spring

Acres Irrigated 1950 1

Potential Acres 2 Seeped _____

Explain _____

Condition of System _____

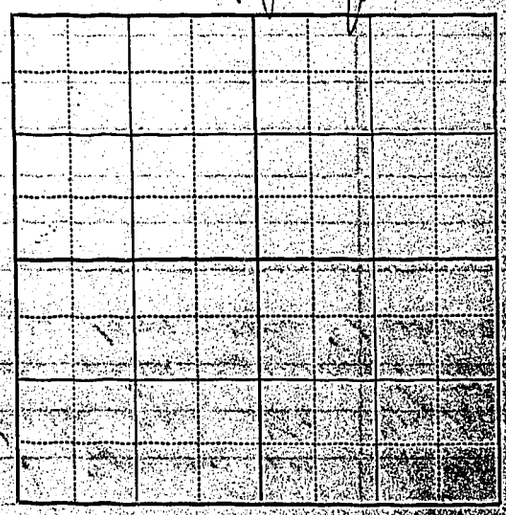
Adequate Supply ..... Yes ✓ No _____

Explain _____

Topography Benchland - coulee bottom

Information From G.O. Schulz

Remarks — over —



EE

Hay ditch from unnamed spring in NE¼NE¼ Sec. 27-T2N-R15E. Schulz has the Wylie Hay right for water from this spring. This water is used for a garden of less than 1 acre.

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 5 N Range 15 E County Sweet grass

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

G. A. Schenty

Township 5 N Range 15 E

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

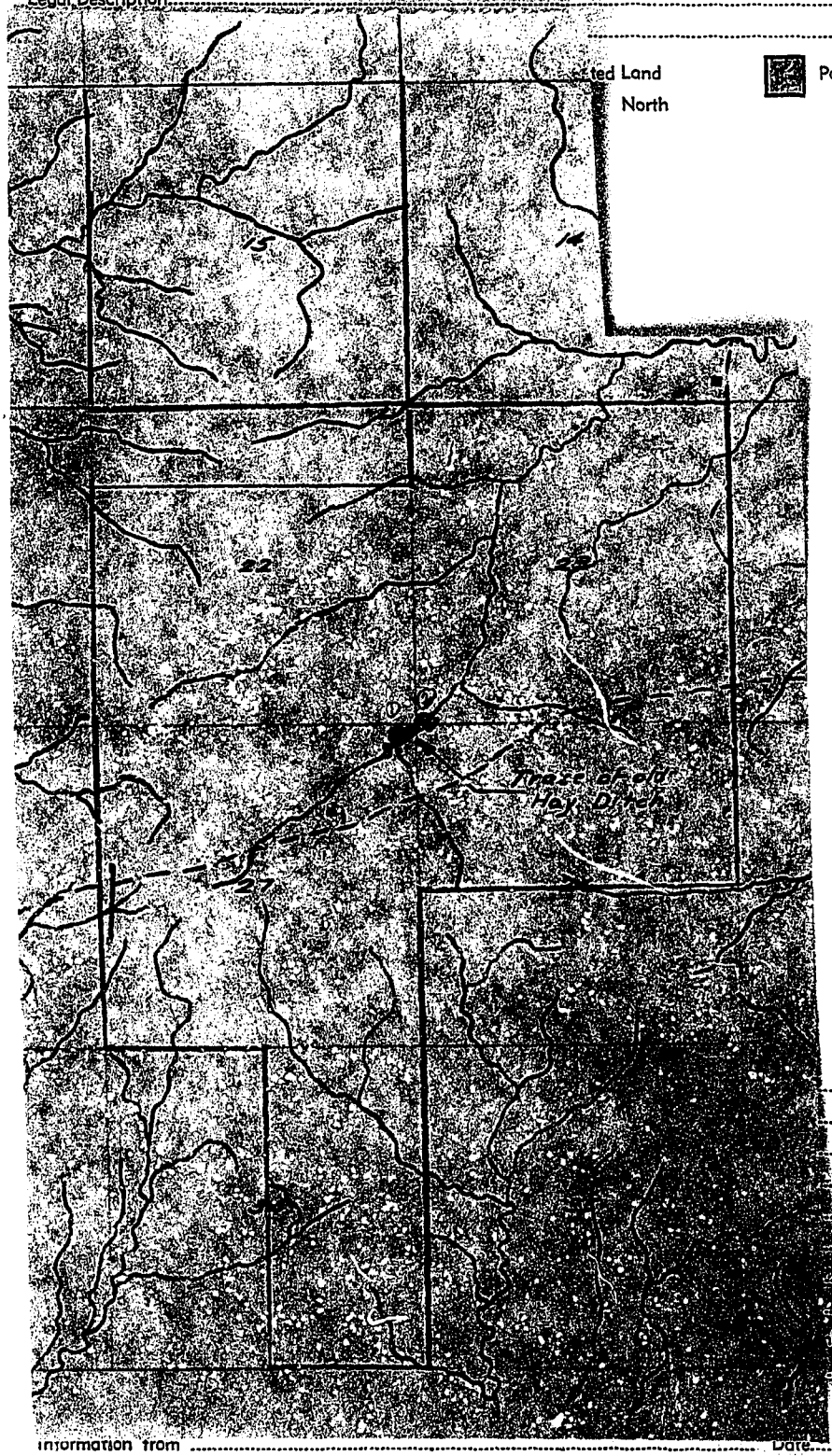
State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 15A-22B-23A-26A-27A-34G

Name of Land Owner Schutz, G. O. Address Big Timber
Name of Operator Same Address " "
Legal Description



trib. to Hamilton Cr.—
trib to Sw. Gr. Cr.
Source of Water Unnamed Spring
Maximum 9 R ✓ F P G S
Source of Water
Maximum R F P G S
Source of Water
Maximum R F P G S
Source of Water
Maximum R F P G S
ber of shares or inches, acre feet, as the case may be
by means of pumping. G—Water diverted by gravity.

Information from Date

Form WR-B
Reporter 20168 2M 12-49

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

STATE OF MONTANA

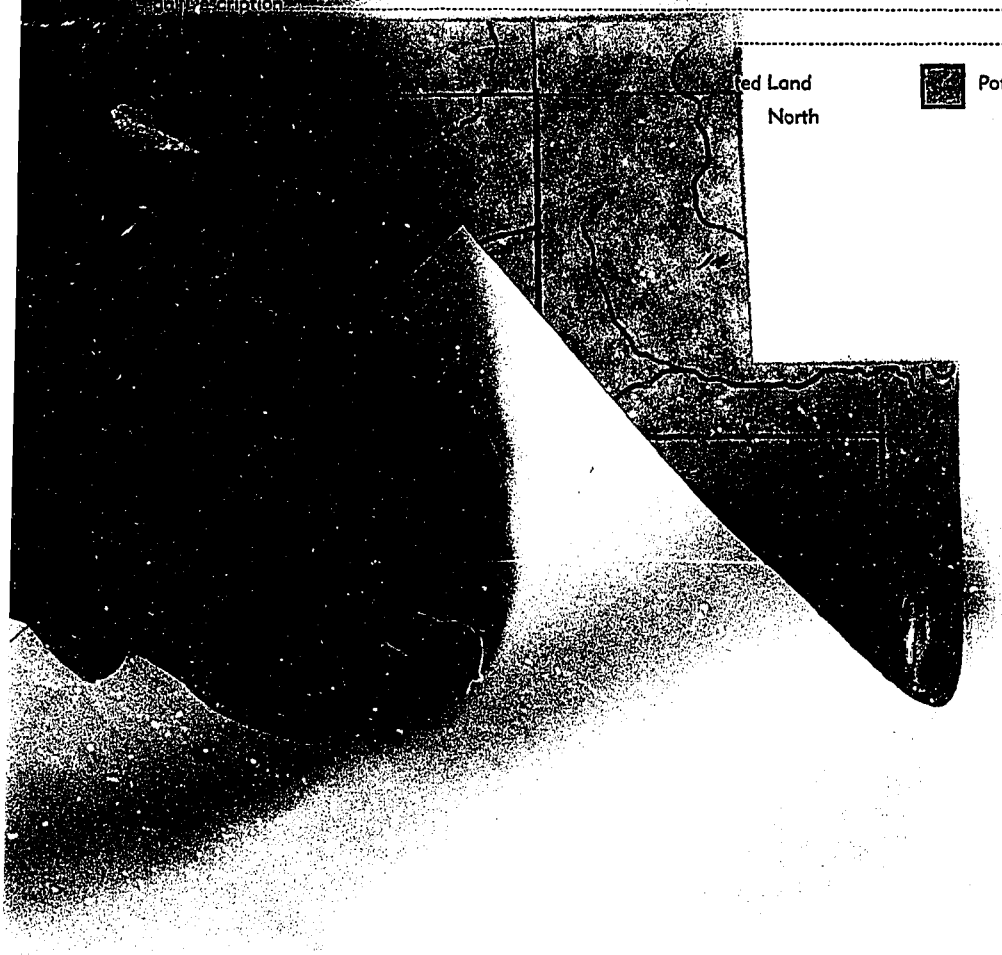
State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 15A-22B-23A-26A-27A-34B

Name of Land Owner Schutz, G. O. Address Big Timber
Name of Operator Same Address " "
Legal Description



trib. to Hamilton Cr.—
trib to Sw. Gr. Cr.

Code No. 23A, 26A, 27A System Hay Ditch Source of Water Unnamed Spring
Basin Sweet Grass Present 1 Potential 2 Maximum 3 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 Cr.

Date 9-10-50

Code No. 18 B

County Sweet Grass

T. 2 N R. 15 E Sec. 18

Photo No. MA-12A-51

Legal Land Owner Ralph Shreve Address Big Timber

Operator " Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

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

Irrigation District Unnamed Mutual Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Ten Mile Ditch Co App. No. 136

Original Appropriator, Private T.K. Lee; Martin Abrahamse App. No. 115; 567; 568; 843

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 Cr.; Otter Cr.; Ten Mile Cr.

Acres Irrigated 1950, 86

Potential Acres 0 Seeped _____

Explain _____

Condition of System Good-enlarged last year (at present time)

Adequate Supply Yes ✓ No _____

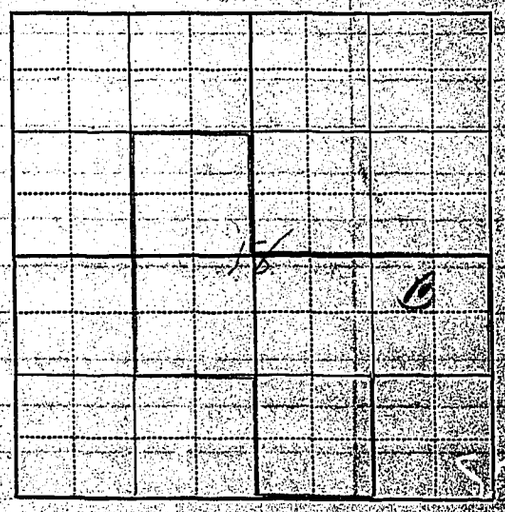
Explain _____

Topography _____

Information From Mr. Ralph Shreve

Remarks _____

— over —



7 An unamed mutual ditch which runs above the Auwater Co. Ditch irrigates land which lie on the east side of Otter creek in this parcel of Sec. 18. this irrigation is colored brown on the picture. This ditch is in good Condition.

8. The Ten Mile Ditch Co. ditch irrigates all land colored blue on the picture on the west side of Otter Cr. in this parcel of Sec 18 - T2N R15E. This ditch is in good condition.

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

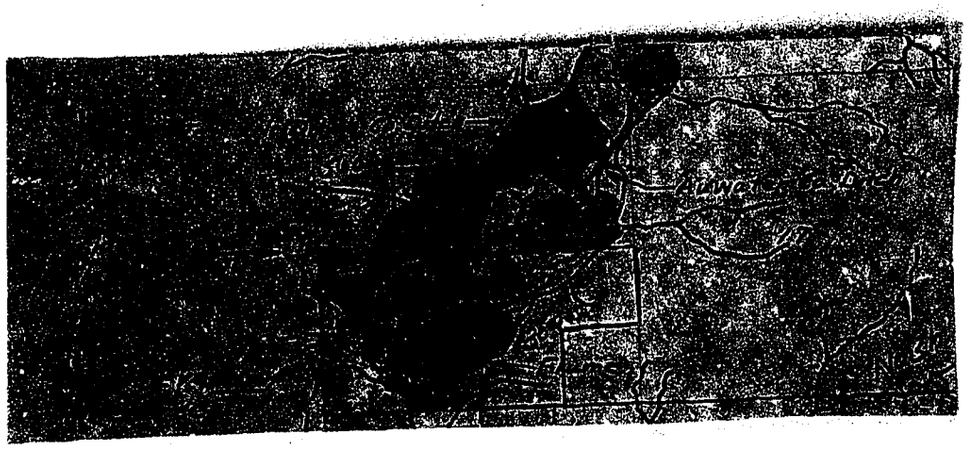
FARM MAP

County Sweetgrass
Code No. 18B

Name of Land Owner SHREVE, RALPH Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North



Code No.	18B	System	Ten Mile Ditch	Source of Water	Ten Mile Cr.						
Basin	Otter	Present	56	Potential	0	Maximum	56	R ✓	F	P	G ✓ S
Code No.	18B	System	Aunater Ditch	Source of Water	Otter Creek						
Basin	Otter	Present	0	Potential	0	Maximum	0	R ✓	F	P	G ✓ S
Code No.	18B	System	Unnamed Mutual	Source of Water	Otter Creek						
Basin	Otter	Present	30	Potential	0	Maximum	30	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 EC & M.T.

Area Otter Cr.

Date 8-10-50

Code No. 18 C

County Sweet Grass

T. 2 N R. 15 E Sec. 18

Photo No. HA-12A-21

Legal Land Owner Aley Watson Address

Operator % C. S. Gilbert Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Ten Mile Ditch Co. Unnamed Mutual Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Ten Mile Ditch Co. App. No. 136

Original Appropriator, Private ~~F. K. Lee~~; M. J. Abrahamse; John Kemps; App. No. 115, 568, 567, 646, 843

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 Cr.~~; Otter Cr.; ~~Seven Mile Cr.~~; Ten Mile Cr.;

Acres Irrigated 1950, 71

Potential Acres 21 Seeped

Explain

Condition of System Good

Adequate Supply Yes ✓ No

Explain

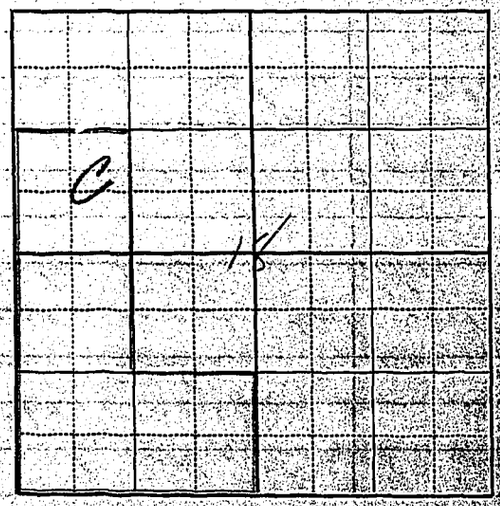
Topography

Information From Gilbert

Remarks

-over-

	C						
			18				



EC

mon from Amster

(1) On the West side of Otter Creek all irrigable lands, with the exception of a portion in the SE4SE4 of Section 18, 2N-15E, belonging to Watson are irrigated with water from the Ten Mile Ditch Co. ditch.

(2) On the East side of Otter Creek, all irrigable lands under the unnamed mutual ditch which takes out of Otter Cr. are irrigated.

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

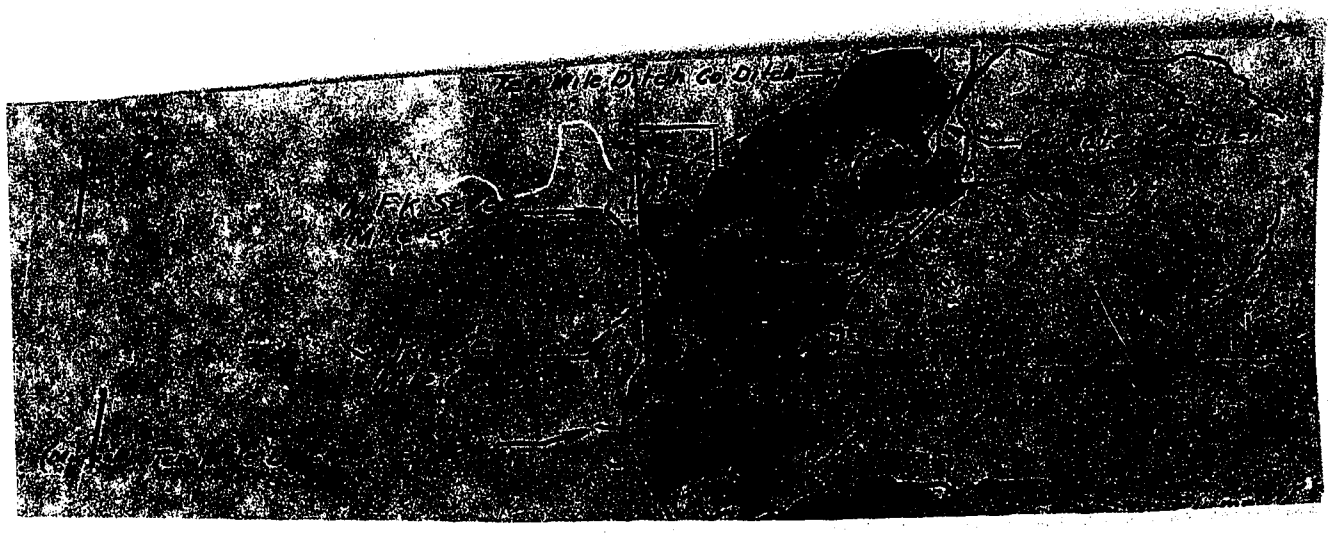
FARM MAP

County Sweetgrass
Code No. 18C

Name of Land Owner WATSON, ALEX Address
Name of Operator c/o C.L. BERT Address Big Timber
Legal Description

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

North



Code No. 18C System Ten Mile Ditch Source of Water Ten Mile Creek
Basin Otter Present 26 Potential 21 Maximum 47 R ✓ F P G ✓ S
Code No. 18C System Unnamed Mutual Source of Water Otter Creek
Basin Otter Present 45 Potential 0 Maximum 45 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 16 East

(23)

	Name of Owner	Township & Range
1.	Bloomquist, Martin	(23) 2N-16E
2.	Eppons, O. F.	"
3.	Federal Land Bank	"
4.	Federal Land Bank	"
5.	Hanson, Sigurd	"
6.	Jones, Chas. R.	"
7.	Jones, Francis	"
8.	Malinoff, George	" (30) 1N-16E
9.	Messing, Lars	"
10.	Nevin, Thos.	"
11.	Norman, Gustav	"
12.	Norman, Norman	"
13.	Thompson, Carl	"
14.	Twidale, J. W.	"
15.	Vik, Oscar	" (28) 1N-14E

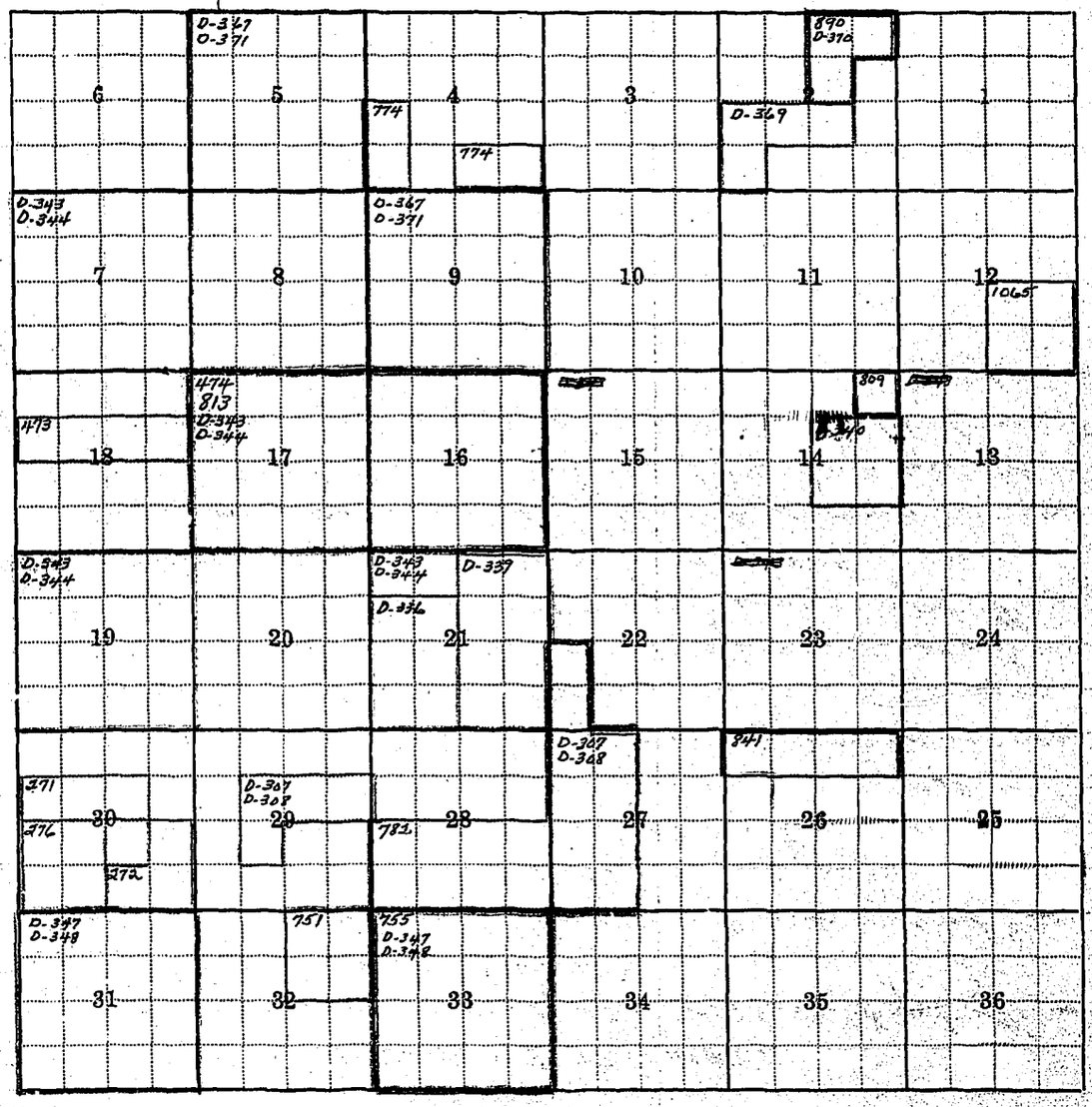
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 North Range 16 East County Sweet Grass



Township 2 North Range 16 East

Township _____ Range _____ County _____

Parcel Number	Name of ~~Owner~~ Appropriator	Address
Appropriation 758	Cook, Geo. & John (Harrison, Al & W.O.) (All M.I.)	
	Point of diversion on all of the creek on Sweet Grass Creek.	
Appropriation 778	Gottlob, Frank (500 M.I.)	
	Point of diversion on SE bank of east fork of Sweet Grass Creek	
Appropriation 779	Gottlob, Frank (500 M.I.)	
	(1) Point of diversion on north bank of Sweet Grass Creek about 400 yds ~~above~~ below junction of east fork & main Sweet Grass (2) about 150 yds above junction of east fork & main Sweet Grass Creek on west side of main stream.	
Appropriation 780	Gottlob, Frank (200 M.I.)	
	Point of diversion on south bank of east fork of Sweet Grass Creek about 1/2 mile from junction of east fork & main Sweet Grass Creek	
Appropriation 781	Gottlob, Frank (200 M.I.)	Howie, Mont.
	Point of diversion on west bank of Dry Fork of Sweet Grass about 1/4 mile from the place where said Dry Fork flows into the East Fork of Sweet Grass Creek. Lands on lower Sweet Grass, 2 1/2 miles from Howie P.O.	

Township 2 North, Range 16 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
271	Peterson, Peter M.	Cameron Creek	3-31-13	4-10-13	200
272	Peterson, Peter M.	Cameron Creek	4-9-13	4-10-13	200
276	Peterson, Nels Tobias	Campbell Creek	6-13-19	6-16-19	40
473	Gilpin, J. E.	Hamilton Creek	3-1-18	3-2-18	200
474	Patterson, Eugene	Hamilton Creek	3-28-96	3-28-96	100
751	Birkeland, Gunder	Sweetgrass Creek	11-21-10	11-21-10	5
755	Cameron, John J. and Solberg, Sam -	Sweetgrass Creek	5-24-93	6-3-93	360
774	Folgleson, Benjamin	Sweetgrass Creek	11-1-09	11-23-09	175
778	Gottlob, Frank	Sweetgrass Creek	12-14-89	12-17-89	[illegible]
782	Gottlob, Frank	Sweetgrass Creek	6-22-03	6-25-03	400
809	Norman, Johanna	Sweetgrass Creek	5-12-14	5-14-14	50
813	Patterson, Eugene L.	Sweetgrass Creek	5-11-98	5-11-98	400
841	Wullum, Carl	Sweetgrass Creek	4-30-04	4-30-04	200
890	Raisland, Sivert B.	Wild Cat Creek	6-30-09	8-4-09	200
1065	Undem, Hans	Unnamed Spring	1-13-02	1-13-02	100
D-307	Gottlob, Frank	Sweetgrass Creek	6-15-99		6[illegible]
D-308	Gottlob, Frank	Sweetgrass Creek	6-15-01		80
D-336.	Morstein, Joseph	Sweetgrass Creek	5-1-99		60
D-339	Norman, John	Sweetgrass Creek	6-1-94		50
D-340	Norman, John	Sweetgrass Creek	11-28-16		100
D-343	Patterson, E. L.	Sweetgrass Creek	6-1-97		65
D-344	Patterson, E. L.	Sweetgrass Creek	6-1-98		3[illegible]
D-347	Rostad, Isaac	Sweetgrass Creek	6-1-92		5
D-348	Rostad, Isaac	Sweetgrass Creek	5-1-98		7
D-367	Wullum, Henry	Sweetgrass Creek	4-1-02		4
D-369	Raisland, Christine	Wild Cat Creek	7-16-13		10
D-370	Raisland, Sivert	Wild Cat Creek	6-25-13		100
D-371	Wullum, Henry	Wild Cat Creek	4-1-90		25

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2N Range 16 E 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	34	35	36

1663

Transcribed from Park County

Township 2N Range 16 E

Township _____ Range _____ County _____

Parcel Number	Name of Owner	Address			
		Stream	App	Filed	MI
1663	Cameron, J.J. + Solberg, Samuel	Sweet Grass Cr.	5-29-93	6-3-93	360

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

Farm Checked

By E.C. + BB

Area Sweetgrass Cr.

Date 6-27-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 8B-9A-16B-17A-18A-19A

County Sweetgrass

T. 2N R. 16E Sec. 8, 9, 16, 17, 18, + 19

Photo No. MA-7A-119

Legal Land Owner BLOOMQUIST, MARTIN Address BIG TIMBER

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. Gilpin, J. E. Patterson, Eugene Patterson, Eugene L. Decree Patterson E. L. " " Wallum, Henry " " App. No. 473-D-343- 474-D-344- 812-D-367- D-371-

Original Appropriator, Private

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 Hamilton Cr., Sweetgrass Cr., Wild Cat Cr.,

Acres Irrigated 1950 None at present

Potential Acres 102 Seeped _____

Explain _____

Condition of System Poor

Adequate Supply — Yes _____ No ✓

Explain _____

Topography Creek bottom

Information From Martin Bloomquist

Remarks — over —

(23)

1) On the Patterson (Hamilton Cr) ditch, the culvert is out under the county road. However, Bloomquist plans to have a survey made on this ditch to decide whether it is feasible to put this ditch into operation.

2) The Patterson ditch out of Sweetgrass Cr. is of very little use due to inability to get water to lands requiring irrigation. The Sweetgrass Cr. channel has deepen thus leaving the headgate above the water level. A dam was built last year in an effort to remedy this situation.

3) The Wullum ditch out of Sweetgrass Cr. traversed a sheer rock bluff making it impossible to maintain. The land under this ditch is classified as potential due to the possibility that Bloomquist may install a pump.

4) The Wullum ditch out of Wild Cat Cr. is not in use possibly due to the lands under the ditch not being accesable.

5) the Gilpin ditch out of Hamilton Cr. remains as a mere trace.

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass

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

Township 2 N. Range 16 E.

23

Form WR-B
Reporter 20168 3M 12-49

Twp. [illegible] Rge. [illegible]
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

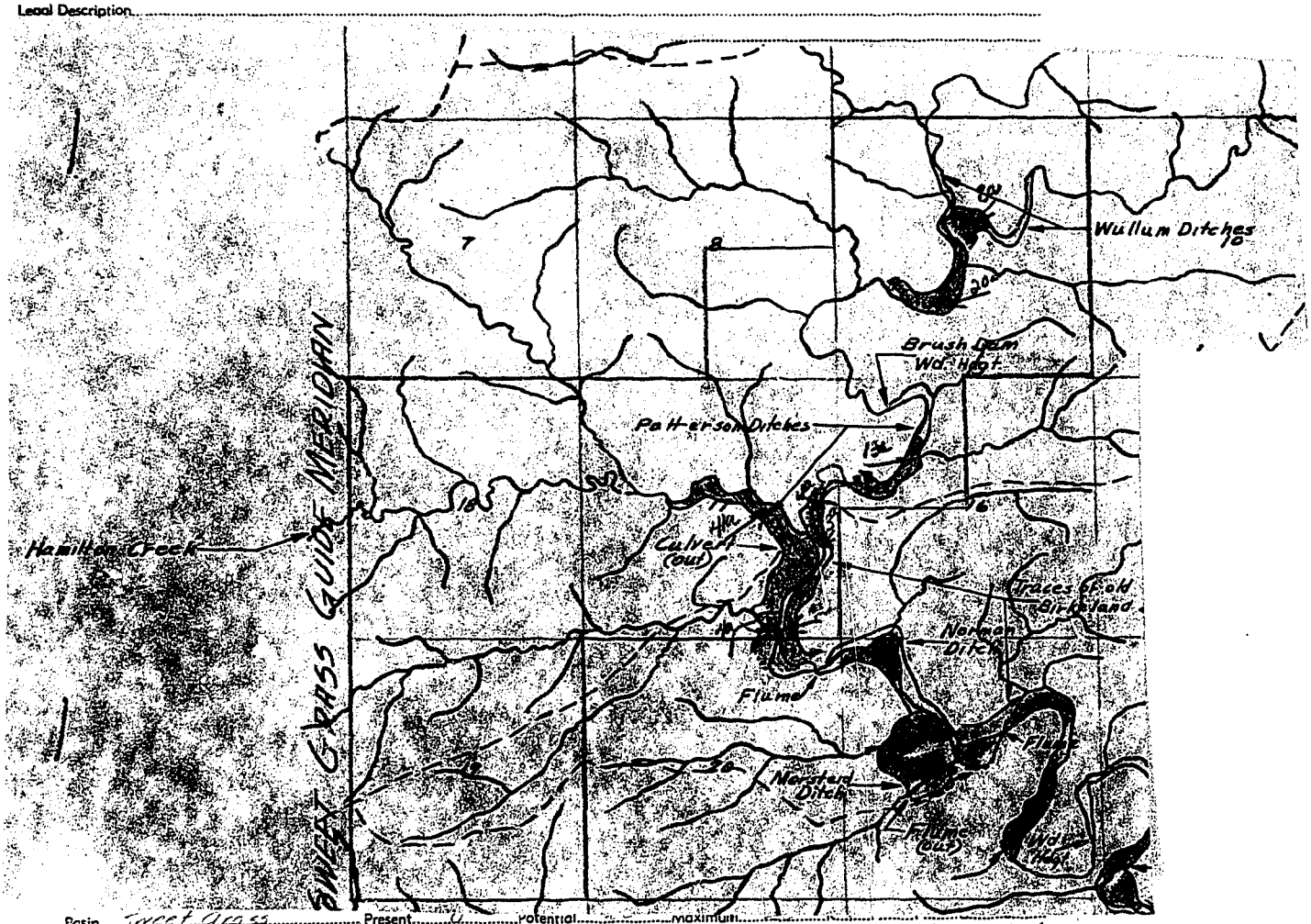
State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 83-9A-16B-17A-18A-19A

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



Basin Sweet Grass Present 0 Potential [illegible] Maximum [illegible]
Code No. 9A System Wullum Ditch Source of Water Wild Cat Creek
Basin Sweet Grass Present 0 Potential [illegible] Maximum [illegible] R ✓ F ____ P ____ G ✓ S ____
Code No. 17A System Patterson Ditch Source of Water Hamilton Creek
Basin Sweet Grass Present 0 Potential 45 Maximum 45 R ✓ F ____ P ____ G ✓ S ____
Code No. 16B System Paterson Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 0 Potential 13 Maximum 13 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 WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 16E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 8B-9A-16B-17A-18A-19A

Name of Land Owner BLOOMQUIST, MARTIN Address Big Timber
Name of Operator Same Address " "
Location

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

North

Code No. 9A System Wullum Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 0 Potential 20 Maximum 20 R ✓ F P G ✓ S
Code No. 9A System Wullum Ditch Source of Water Wild Cat Creek
Basin Sweet Grass Present 0 Potential 8 Maximum 8 R ✓ F P G ✓ S
Code No. 17A System Patterson Ditch Source of Water Hamilton Creek
Basin Sweet Grass Present 0 Potential 45 Maximum 45 R ✓ F P G ✓ S
Code No. 16A System Patterson Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 0 Potential 13 Maximum 13 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

Twp. ____ Rge. ____
Twp. ____ Rge. ____

WATER RESOURCES SURVEY
FARM MAP

8B-[illegible]
18A-19A

of Land Owner BLOOMQUIST, MARTIN Address Big Timber
Operator Same Address " "

Code No. 17A System Kirkeland Ditch Source of Water Sweet Grass Cr
Basin Sweet Grass Present 0 Potential 12 Maximum 12 R ✓ F ____ P ____ G ✓ S ____
Code No. 17A System Mansfield Ditch Source of Water Sweet Grass Cr
Basin Sweet Grass Present 0 Potential 4 Maximum 4 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 I[illegible] F—Flood Irrigation. P—Wate[illegible] G—Water diverted by gravity. S—Stored Water.

Information from ____

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

Farm Checked

By G. M. & E.C.

Area Sweet Grass Cr.

Date 6-13-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 22A

County Sweetgrass

T. 2N. R. 16E Sec. 22

Photo No. MA-7A-119

Legal Land Owner EPPONS, O. F. Address BIG TIMBER

Operator " " " Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Eppons' Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private (No listed app. or decree) 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 Dry Fork of Sweet Grass Creek

Acres Irrigated 19 50, 14

Potential Acres 0 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply — Yes _____ No ✓

Explain Dry July 1.

Topography Stream bottom

Information From Mrs. Eppons

Remarks _____

23

according to Mrs. Eppons, no water has been appropriated for their lands by filing or decree. A users right is claimed. The supply is inadequate due to the stream's drying up around the end of June each year

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County SWEETGRASS

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

Township 2N. Range 16 E.

23

Form WR-B
Reporter 20168 2M 12-49

Twp. 2N Rge. 16E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 22A

Name of Land Owner Eppons, O.F. Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North

Code No. 22 b System Eppons Ditch Source of Water Dry fk. Sweet Grass Cr
Basin Sweet Grass Present 14 Potential 2 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 ___

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 ____