

Both Deegan & Utermohl are not available for contact Monday thru Friday; therefore, information was secured from Mr. Clyde Baister, a neighbor, and by personal observation.

The Deegan Ditch is a private ditch from the Sweet Grass Creek, supplying water to the Deegan holdings in Sec 5-15-16E and Sec 31-1N-16E. The ditch is in poor condition at the present time, however, work is being done on the headgate, ditch, and flume which is out. A small amount of irrigation is accomplished despite the poor condition of the system.

Information on the appropriator was not available.

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass

Code No. _____

31B

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner DEEGAN, MARGARET Address Grey Cliff

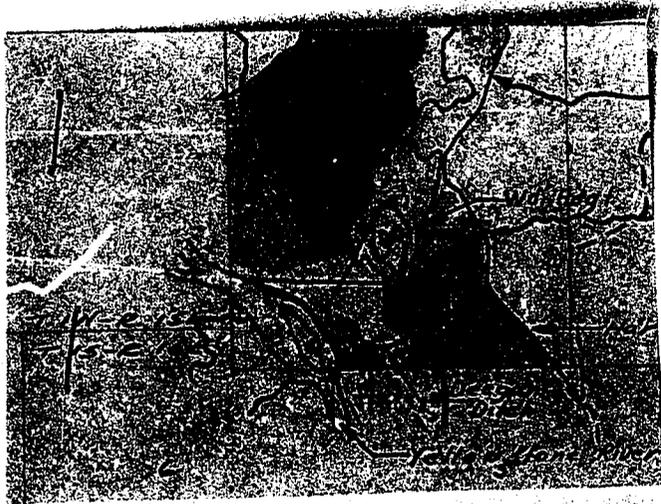
Name of Operator UTTERMÖHL, HERMAN Address " "

Legal Description _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. 31B System Deegan Ditch Source of Water Sweetgrass Cr.
Basin Sweet Grass Present 70 Potential 10 Maximum 20 R. F. P. G. S.
Code No. 31B System Harrison Mutual Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 0 Potential 15 Maximum 15 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 IM 3-49 17380

By Geo & Ed.

STATE OF MONTANA

Code No. 32 C, 33 A-34 A

State Engineer's Office

Area Sweet G. G.

County Sweet Grass

WATER RESOURCES SURVEY

Date 4-10-52

T. 1 N R. 16 E Sec. 32, 33, 34

Photo No. MA-7A-123

Legal Land Owner Forsythe, Howard Address Graycliff

Operator Same Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

No Irrigation

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Forsythe, Andrew App. No. _____

Original Appropriator, Private Wheaton, Peter M. App. No. 610, 641

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 Park Canyon Creek, Saw Mill Gulch

Acres Irrigated 19 none

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From H. P. Forsythe

Remarks see reverse side

30

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 1 North Range 16 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	A	35
	C				36

Township _____ Range _____

Farm Checked

FORM F-1 REPORTER 1M 9-49 17380

By Geo & Ed

STATE OF MONTANA

Code No. 31 A

State Engineer's Office

Area Sweetgrass Cr.

County Sweet Grass

WATER RESOURCES SURVEY

T. 1N R. 16E Sec. 31

Date _____

Photo No. MA-7A-123

Legal Land Owner Hawkes, Harold Address Graycliff

Operator Bainter, Clyde Address "

Water is delivered by:

Federal Project Harrison Ditch (mutual) Pres. ? Pot. (60 total)

Ditch Company unnamed mutual Pres. 300 Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Utermohle, Herman App. No. _____

Original Appropriator, Private Harrison, W.A. App. No. 791-A, 790, D-312

Is the system an extension of another system? Yes _____ No D-313, D-314, D-360, D-361, D-362

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water Sweetgrass Creek

Acres Irrigated 1950, 216

Potential Acres 50 Seeped _____

Explain _____

Condition of System Fair-private lateral needs cleaning

Adequate Supply..... Yes No _____

Explain _____

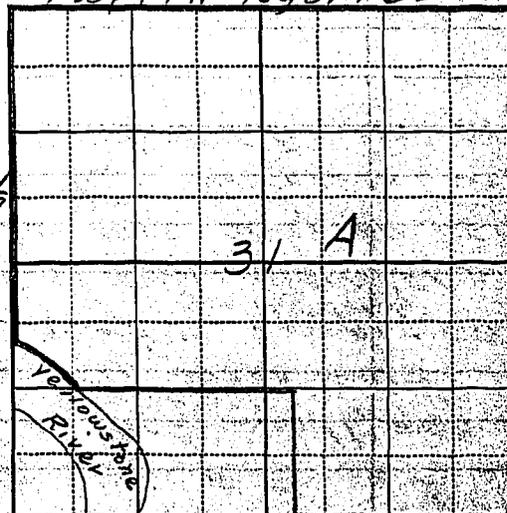
Topography Bottom land along Sweet Grass Cr.

Information From Mr. Clyde Bainter

Remarks _____

(see reverse side)

TWP. 1N-R9E, 16E



Hawks was decreed 142 M.E. out of the Harrison Ditch. McDonnell, one of the users on the Harrison Ditch said that Bainter, op. of Hawks' ranch, has 115 acres under irrigation; ^{from this ditch} Bainter, however, claims that he has only 60 acres under irrigation from the Harrison Ditch, part of which lies in T. 1N-R. 16E and part in T. 13-R. 16E.

Bainter is also supplied water from an unnamed mutual located on the west side of Sweet Grass Creek near its confluence with the Yellowstone River. From this ditch Bainter receives sufficient water to irrigate approximately 300 acres.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

31A

1. 1N Rge. 16E
2. _____ Rge. _____
3. _____ Rge. _____

Name of Land Owner HAWKS, HAROLD Address _____

Name of Operator BANTER, OLVIDE Address Grey Cliff

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>31A</u>	System <u>Unnamed Mutual</u>	Source of Water <u>Sweetgrass Cr</u>
Basin <u>Sweetgrass</u>	Present <u>147</u> Potential <u>0</u> Maximum <u>147</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>31A</u>	System <u>Harrison Mutual</u>	Source of Water <u>Sweetgrass Cr</u>
Basin <u>Sweetgrass</u>	Present <u>69</u> Potential <u>0</u> Maximum <u>69</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>31A</u>	System <u>Unnamed Mutual</u>	Source of Water <u>Sweetgrass Cr</u>
Basin <u>Sweetgrass</u>	Present <u>0</u> Potential <u>50</u> Maximum <u>50</u>	R <input type="checkbox"/> F <input checked="" type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____ Maximum _____	R <input type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input type="checkbox"/> S <input type="checkbox"/>

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

STATE OF MONTANA

FORM F-1 REPORTER 1M 3-49 17380

By G.M. & E.C.

Code No. 1A-2A-3A-4B-11A

Area S.W. GRASS CR.

State Engineer's Office

County Sweet Grass

WATER RESOURCES SURVEY

T. 1 N R. 16 E Sec. 1, 2, 3, 4

Date 4/25/50

Photo No. MA-7A-121
MA-9A-184

Legal Land Corner Leitner, Josef.

Address Big Timber

Operator 9/ Jones, Wayne S.

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. Sprinkler system - pumped 2 1/2" 50 gal/min

Original Appropriator, Company Cameron, John U. & Solberg, Sam App. No. _____

Original Appropriator, Private Crest, Ole App. No. D-286,755

Is the system an extension of another system? 80 m.I. Yes _____ No

Is all land irrigated from one system? Yes No _____

(If No, show break down on map)

Source of Water Sweetgrass Creek

Acres Irrigated 19 50 31

Potential Acres 70 Seeped _____

Explain _____

Condition of System Ditches in poor cond. will enlarge

Adequate Supply..... Yes _____ No

Explain _____

Topography R. Bottom

Information From Wayne Jones

Remarks _____

(over)

JONES IS BUYING THE LEITCHER PLACE & IS ABANDONING ALL THE DITCHES & INSTALLING A SPRINKLER SYSTEM. HE IS USING A GASOLINE DRIVEN 2 1/2" PUMP (250 GPM CAP.) & INTENDS TO ENLARGE THE SYSTEM & INSTALL A LARGER PUMP & ELEC. MOTOR. HE HAS THE OLD CREST RIGHT BUT THE DITCH IS IN BAD SHAPE, ALL FLUMES & SIPHONS ARE WASHED OUT. HE IS USING THIS WATER FOR HIS PUMPING SYSTEM.

JONES HAS PLOWED UNDER PARTS OF THE ELLINGSD DITCH OUT OF CREST GULCH & SOME OF THE POPE DITCH OUT OF SW. GRASS CR. NEITHER OF THESE DITCHES HAVE BEEN USED FOR MANY YRS.

AMERICAN RECORDING SERVICE

1000 1/2 BROADWAY, NEW YORK, N.Y.

RECORDED & INDEXED

FORM NO. 1 (REV. 1-15-58)

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass

					state		
6	5	4	3	2	A	1	A
		B			state		
					A		
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	

Township _____ Range _____

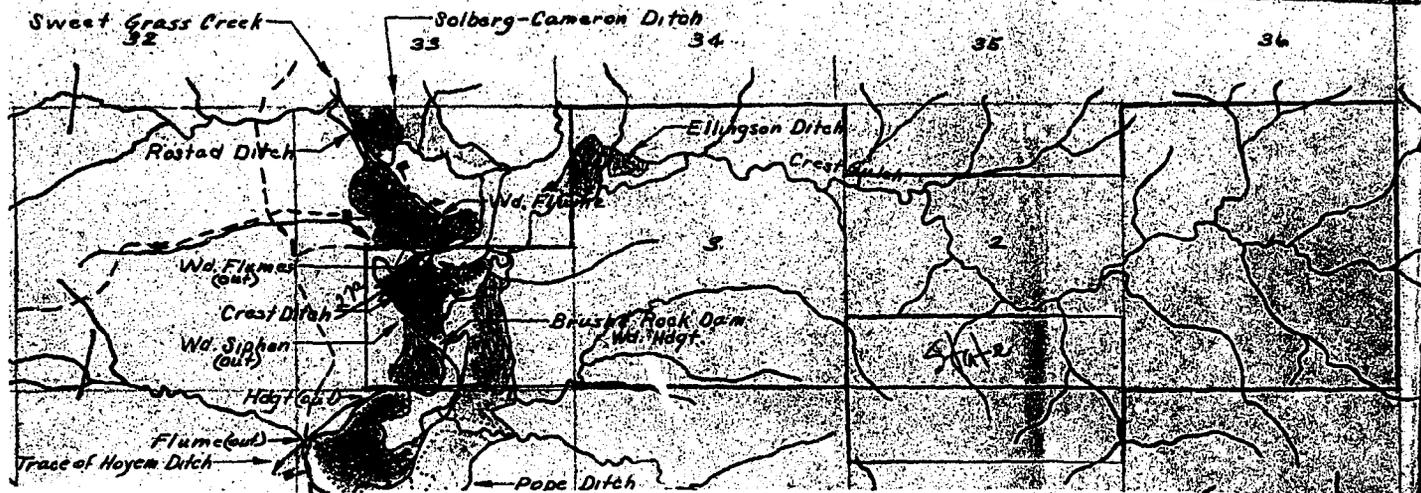
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. 1A-2A-3A-4B-11A

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner LEITNER, JOSEF Address Big Timber
Name of Operator SA JONES, WAYNE S. Address " "
Legal Description _____

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



Code No. 3A System Ellingson Ditch Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 0 Potential 1.1 Maximum 1.8 R. V. F. P. G. V. S.
Code No. 4B System Pace Ditch Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 10 Potential 35 Maximum 35 R. V. F. P. G. V. S.
Code No. 4B System Sprinkler (Crest Ditch) Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 27 Potential 0 Maximum 27 R. V. F. P. G. V. S.
Code No. 4B System Crest Ditch Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 0 Potential 17 Maximum 17 R. V. F. P. G. V. 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 IM 3-49 17380

By Bill & Ed

STATE OF MONTANA

Code No. 4A, 5A, 6A

State Engineer's Office

Area Sweet Gr. Cr.

County Sweet Grass

WATER RESOURCES SURVEY

T. 1N R. 16E Sec. 4, 5, 6

Date June 3, 1950

Photo No. MA-7A-121

Legal Land Owner Malinoff, Geo.

Address Harlowton

Operator Tittica Bros.

Address Big Timber

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Rostad ditch Pres. 80 Pot. _____

Totals

Flood _____ Pump Reservoir _____ Gravity

Size and Capacity, Pump, etc. 10 in. intake - 450 M.I. - 4200 gal/min - 16ft lift

Original Appropriator, Company Ellingson, Regina I. - Becken & Rostad App. No. _____

Original Appropriator, Private Cameron, John W., Solberg, Sam App. No. 755, 324, 765
Crest, Ole D-354, D-355, 324

Is the system an extension of another system? Yes _____ No D-275, D-276

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water Sweetgrass Creek, Crest Creek,

Acres Irrigated 1950 61

Potential Acres 73 Seeped _____

Explain _____

Condition of System Good

Adequate Supply..... Yes On area irrigated No _____

Explain _____

Topography Bottom land

Information From Tittica Bros.

Remarks -over-

① Ellingson ditch, now in very poor condition, takes out of Great Gulch. Lands lying under it are potential; however, due to the hilly topography and poor condition of the system, considerable work would have to be done to put the ditch into use.

② Solberg and Carron Ditch heads in the center of Sec. 33, 2N-16E, takes out on the East bank, and irrigates lands lying below it.

③ The Rostad Ditch formerly headed in NE⁴NW⁴ of Sec 33, T2N-R16E, traversed along the East bank, flumed the Sweet Grass creek in the SE⁴NW⁴ of Sec 33 and thence in a southerly direction to the center of Sec 4, T1N-R16E where it dumped back into the creek. The flume has been out for a considerable period of time. An abandoned pump site remains in the SE⁴NW⁴ Sec 33, T2N-R16E.

This year the Tittica Bros are installing a 4200 g.p.m. cent. pump powered by a 65 H.P. gasoline engine which will lift the water 16 ft. thru a 10 inch intake pipe and dump it into the Rostad ditch at a point in the center of the N⁴NW⁴ Sec⁴. This water will irrigate lands lying below the ditch in S⁴NW⁴ Sec 4, T1N-R16E.

It is Tittica's intention to relocate the head of the Rostad ditch to eliminate flumes; thus reducing maintenance costs and pumping operations.

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass

	A		A		A						
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	

Township _____ Range _____

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

4A-5A-6A

Twp. 1N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner MALINOFF, GEO. Address HARLOWTON

Name of Operator TITICA BROS. Address Big Timber

Legal Description _____



Irrigated Land

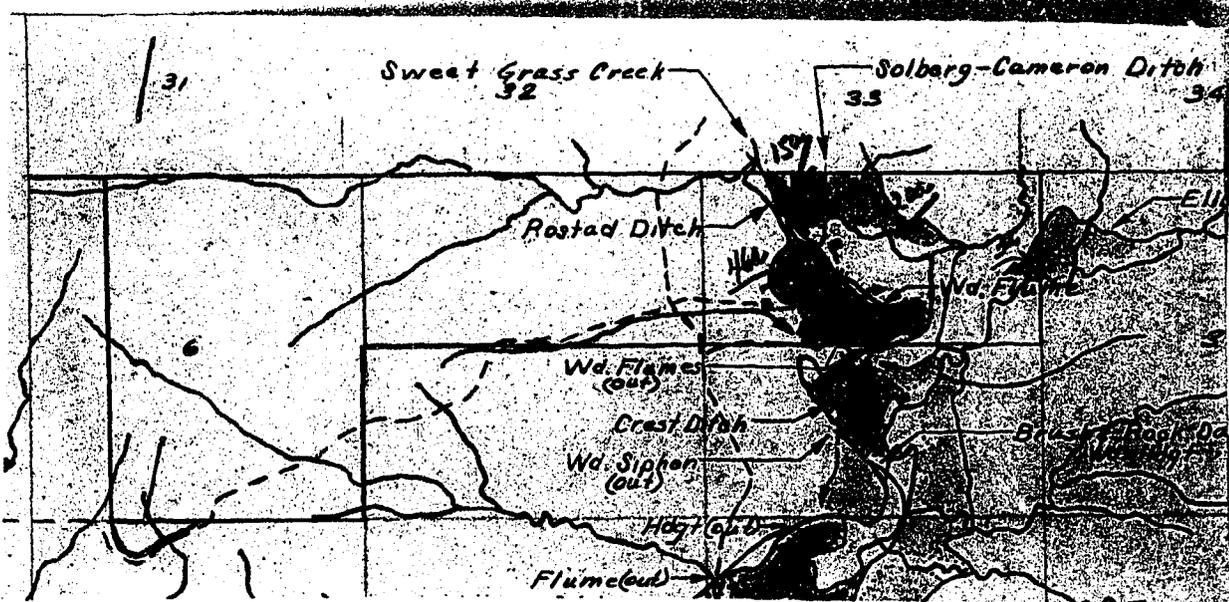


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>4A</u>	System <u>Ellingson Ditch</u>	Source of Water <u>Crest Guah. - trib of Sw. Gr. Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>3</u> Maximum <u>3</u>	R <input checked="" type="checkbox"/> V <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>
Code No. <u>4A</u>	System <u>Solberg-Cameron Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>15</u> Potential <u>0</u> Maximum <u>15</u>	R <input checked="" type="checkbox"/> V <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>
Code No. <u>4A</u>	System <u>Rostad Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>46</u> Potential <u>0</u> Maximum <u>46</u>	R <input checked="" type="checkbox"/> V <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>
Code No. <u>4A</u>	System <u>Pape Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>20</u> Maximum <u>20</u>	R <input checked="" type="checkbox"/> V <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input checked="" type="checkbox"/>

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 _____

Big Deer Creek - also known as Owl Creek.

Probably a desert claim. No trace of the ditch is present, and, even if it were, there is no water in the creek for it to carry.

DEEDS OF THE DISTRICT OF COLUMBIA
RECORDED IN THE OFFICE OF THE REGISTER OF DEEDS
BOOK 10 PAGE 100

Form Checked

STATE OF MONTANA

FORM F-1 REPORTER IN 3-49 17580

By Geo. & Ed

Code No. 13A, 14A, 16C, 17A

State Engineer's Office

County Sweet Grass

Area Sweetgrass Cr.

WATER RESOURCES SURVEY

T. 1N R. 16E Sec. 10, 11, 12, 13

Date April 26, 1950

Photo No. MA-9A-124

Legal Land Owner Pederson, Miller

Address Big Timber

Operator Same

Address '' ''

Water is delivered by:

Federal Project	Pres.	Pot.
Ditch Company <u>Boggs Mutual (1.36")</u>	Pres.	Pot.
Irrigation District	Pres.	Pot.
Private System	Pres.	Pot.
Totals		
Flood	Pump	Reservoir
		Gravity <input checked="" type="checkbox"/>

Size and Capacity, Pump, etc.

Original Appropriator, Company Ryan, B.L. App. No.

Original Appropriator, Private Pederson, Hans - Pederson, Mary App. No. D-345, D-347

Is the system an extension of another system? Yes No D-350, 456, D-275

Is all land irrigated from one system? Bartels, Frederick Yes No D-276, 606, 746, 805

(If No, show break down on map)

Source of Water Sweetgrass Creek, Fletcher Gulch, Owl creek *← not now used →*

Acres Irrigated 19.50 86

Potential Acres 17 Seeped

Explain

Condition of System Kain

Adequate Supply Yes No

Explain

Topography low river bench land

Information From M. Peterson

Remarks

(over)

M. Pederson was decreed 136 M.I. from the Bogg's Ditch and uses this water upon his lands to irrigate 136 acres. Pederson said that he intends to instal an electric pump which will take water from the Bogg's Ditch and irrigate lands lying in the NE¹/₄ NE¹/₄ Sec 17 - TIN. RICE.

Pederson said that in 1882 B.L. Ryan took out an appropriation on Owl Creek for a desert land claim and constructed a ditch. This ditch is completely obliterated at the present time.

In 1917 Mary Pederson appropriated water from Owl Creek and constructed a ditch heading in Sec 7, running east then south approx. along the center of the Sec, dumped into a dry gulch, picked up farther down and used on lands lying West of the Sweet Grass Creek in the SE¹/₄ of Sec. 17. At the present time the ditch is practically obliterated.

At one time a lateral from the Bogg's Ditch flumed the Sweet Grass Creek above the Becken & Rostad headgate and ran above the lower bench on the west side of the Sweet Grass Creek to irrigate lands once covered by the old Pederson ditch. This never proved practical in that it was expensive and supplied little water, so the Becken & Rostad ditch was constructed. Due to sheer cliffs above the bench along which the ditch traversed, it went out of commission in short order.

and at the present time remains in extremely poor condition. Pederson said that he intends to instal a pump and perhaps use the same ditch in a few years.

To Mr. Pederson's knowledge, only one appropriation has been made out of Fletcher's Gulch. The ditch was constructed ^{in 1909} but never used successfully. Today only a trace of the ditch remains.

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass

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

Township _____ Range _____

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. 10A-11B-12A-13A-14A-16C-17A-18A

Twp. 1N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

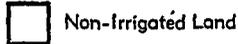
Name of Land Owner PEDERSON, MILLER Address Big Timber

Name of Operator Same Address "

Legal Description _____



Irrigated Land

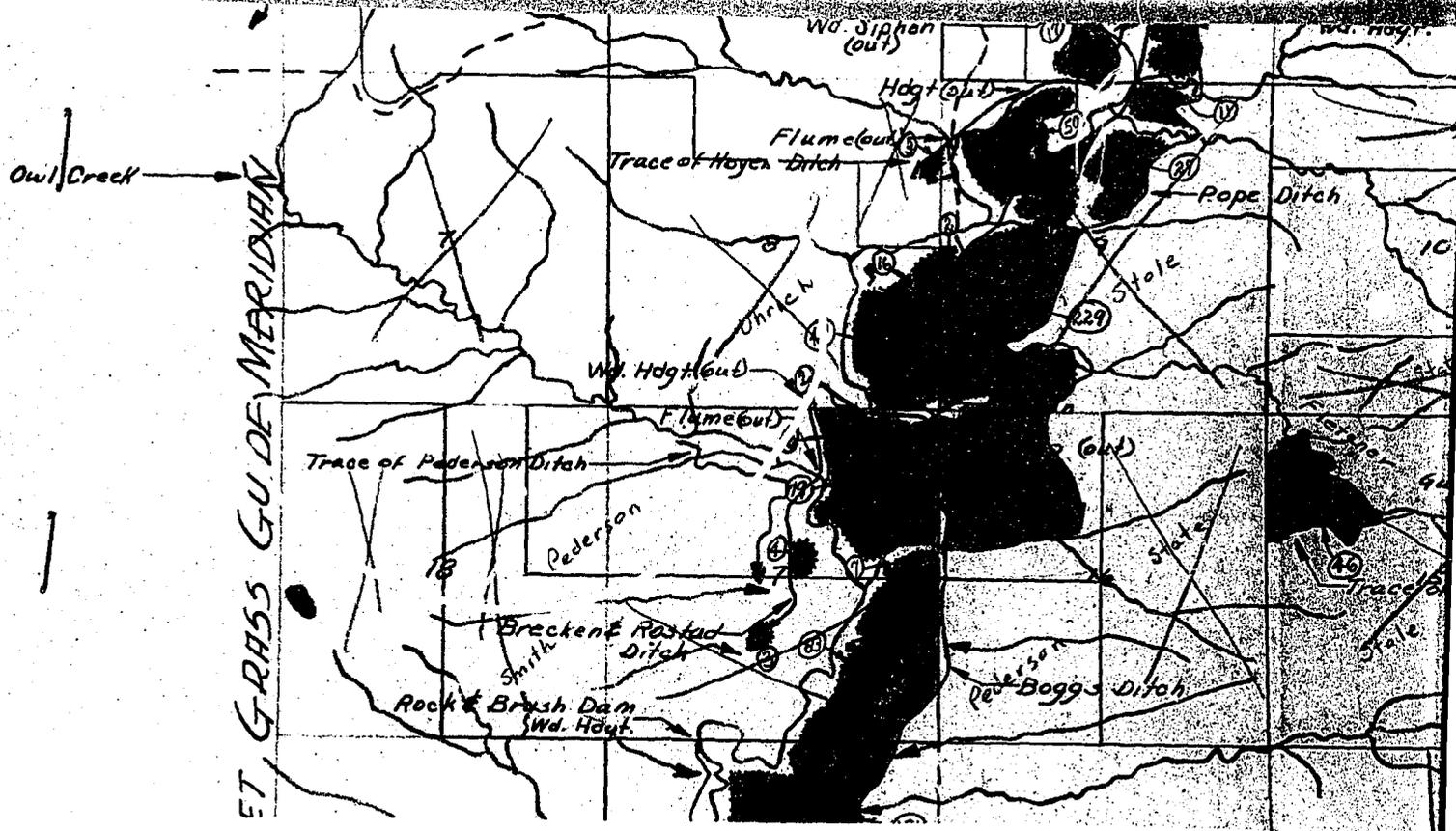


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>17A</u>	System <u>Pope Ditch</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>2</u> Potential <u>2</u> Maximum <u>2</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>17B</u>	System <u>Brecken & Rostad Ditch</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>2</u> Potential <u>4</u> Maximum <u>4</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>17C</u>	System <u>Boggs Mutual</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>20</u> Potential <u>6</u> Maximum <u>90</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>18A</u>	System <u>Pederson Ditch</u>	Source of Water <u>Fletcher Gulch</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>5</u> Maximum <u>5</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>

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.

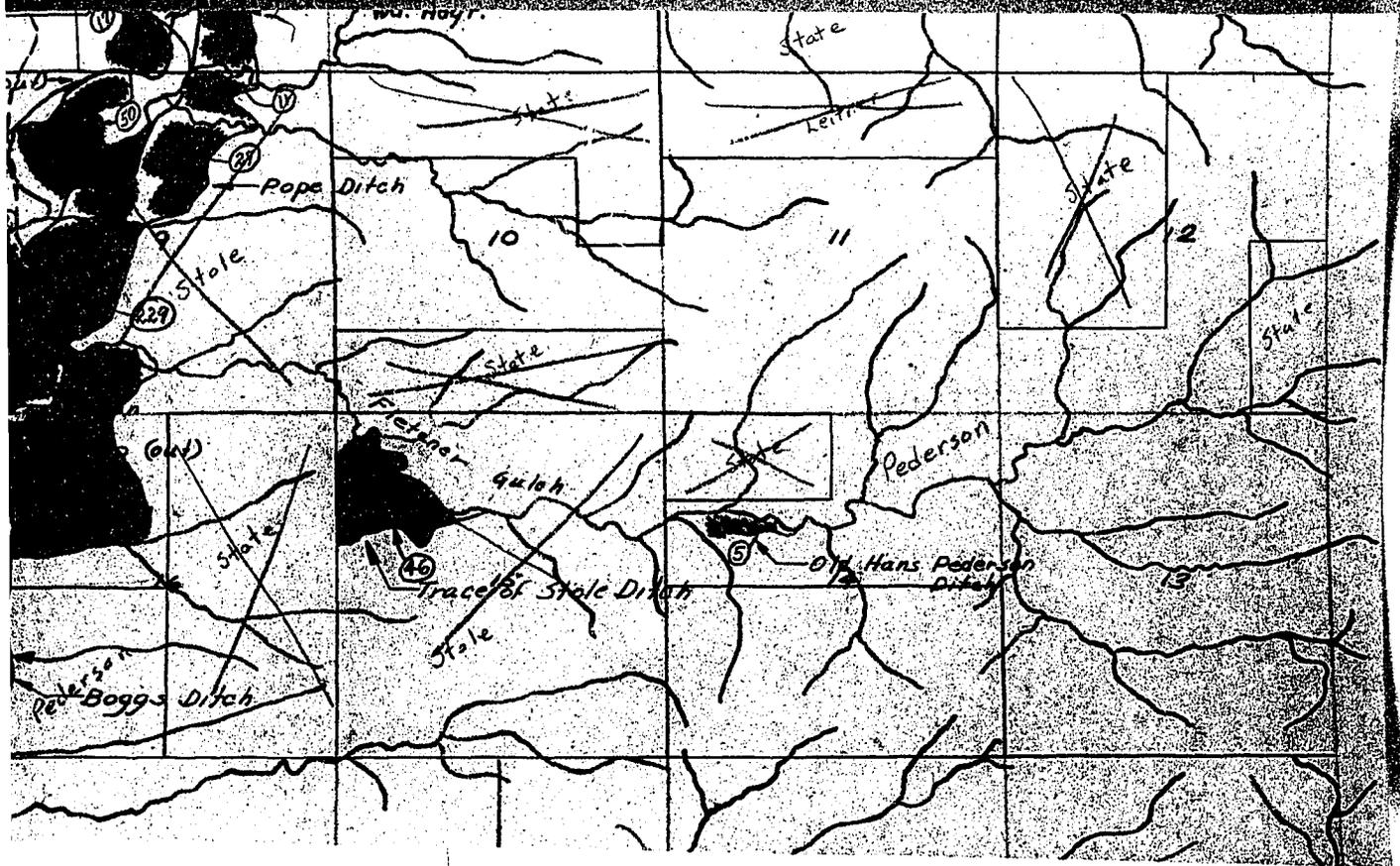
Information from _____ Date _____

County Sweetgrass

Code No. 10A-11B-12A-13A-14A-16C-17A-18A

timber
.....
.....
.....

d Under Existing Facilities



e of Water Sweet Grass Cr.
2 R. ✓ F. P. G. ✓ S.
e of Water Sweet Grass Cr.
4 R. ✓ F. P. G. ✓ S.
e of Water Sweet Grass Cr.
9R R. ✓ F. P. G. ✓ S.
e of Water Fletcher Gulch
5 R. ✓ F. P. G. ✓ S.
res or inches, acre feet, as the case may be
of pumping. G—Water diverted by gravity.

Mrs Shaw has 112 MI. out of the Boggs
Matal Ditch. Appropriation was made
by Fred. Bartels

Mrs Shaw also has 42 MI. out of an
unnamed mutal on the West bank of
Sweet Grass River

Nothing was known of the appropriations
listed for White Beaver and Swamp Creek.

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED

DATE 11-15-2001 BY SP-6 JRS/ML

EXEMPT FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION

20

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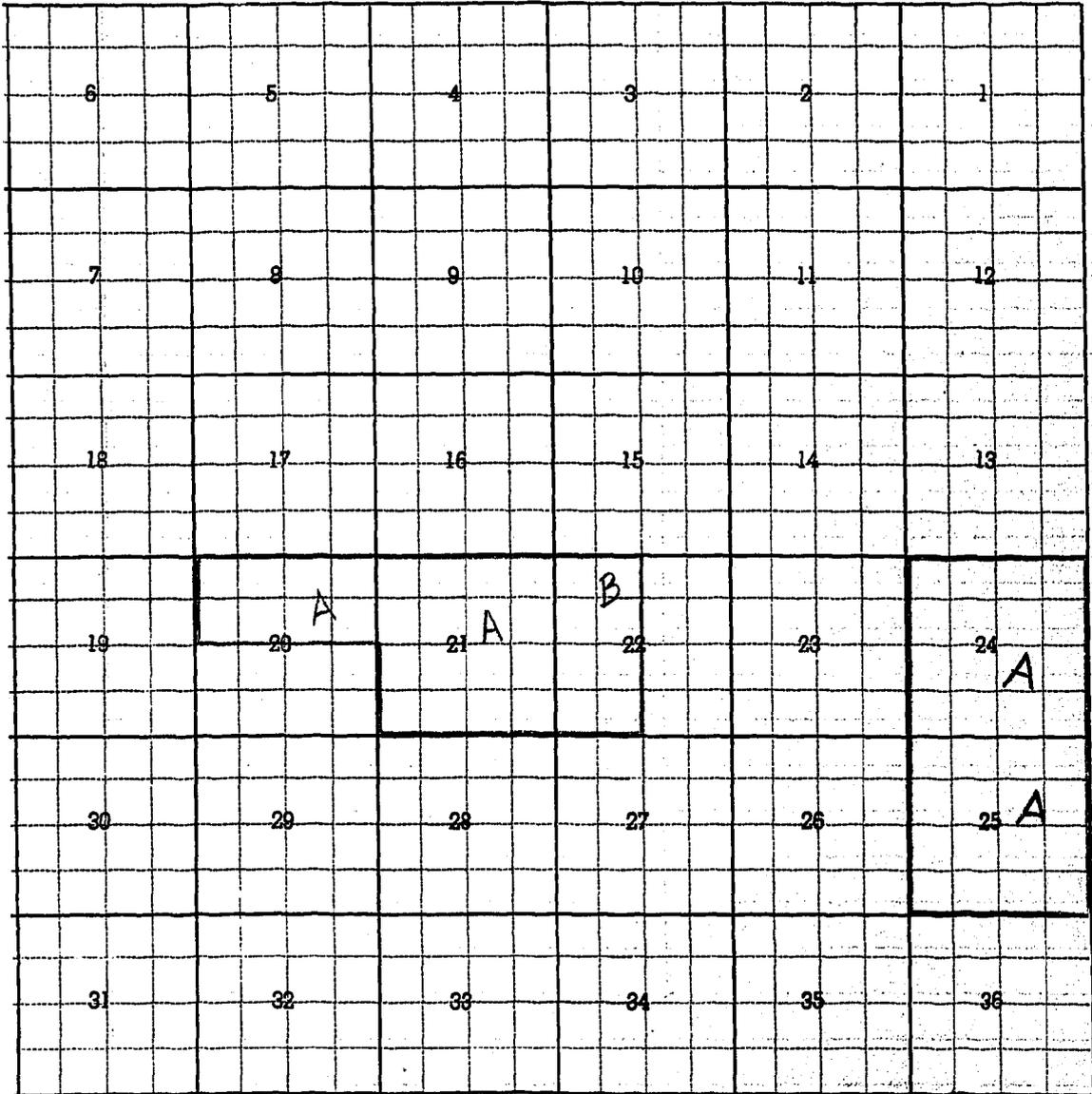
11

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass



Township _____ Range _____

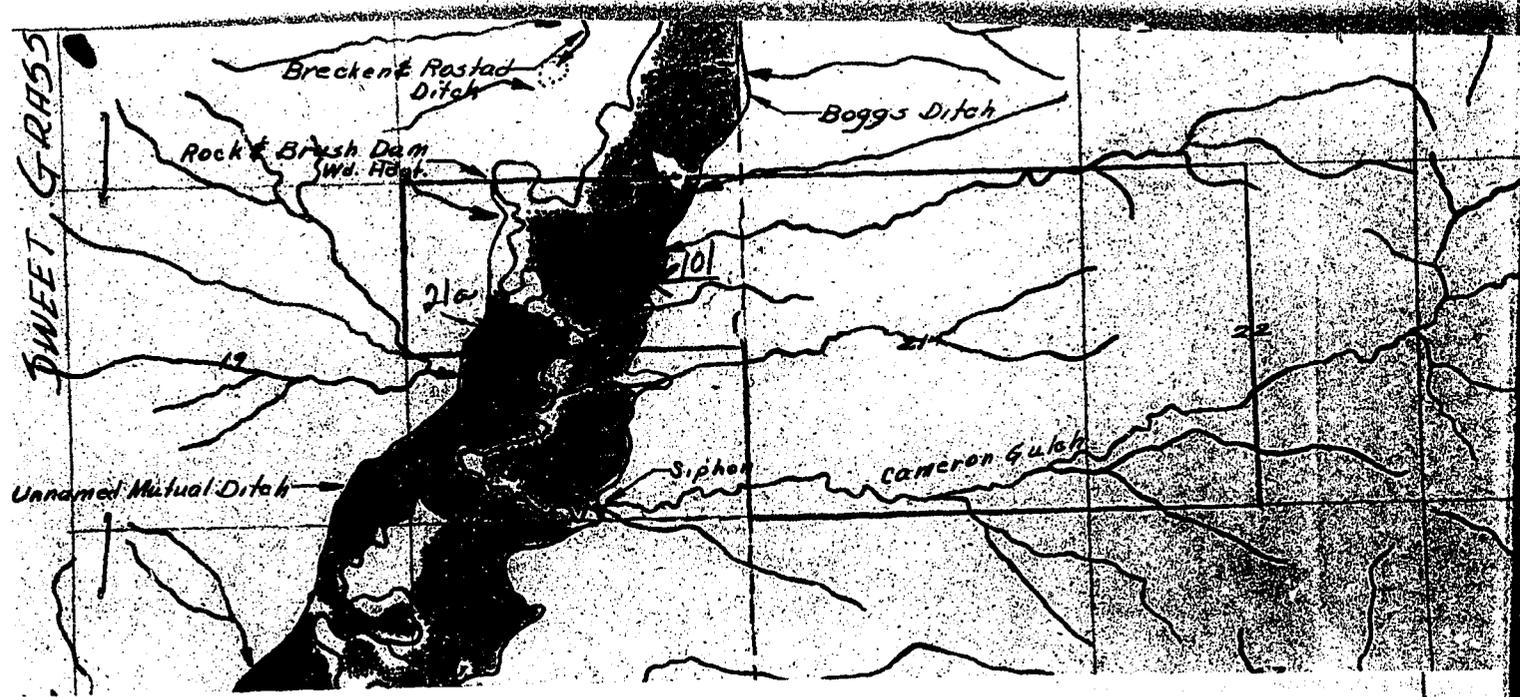
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. 20A-21A-22B-
24A-25A

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner SHAW, MATTIE Address Big Timber
Name of Operator Same Address " "
Legal Description _____

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



Code No. 20A System Unnamed Mutual Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 21 Potential 0 Maximum 21 R. F. P. G. S.
Code No. 20A System Boggs Mutual Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 101 Potential 0 Maximum 101 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.

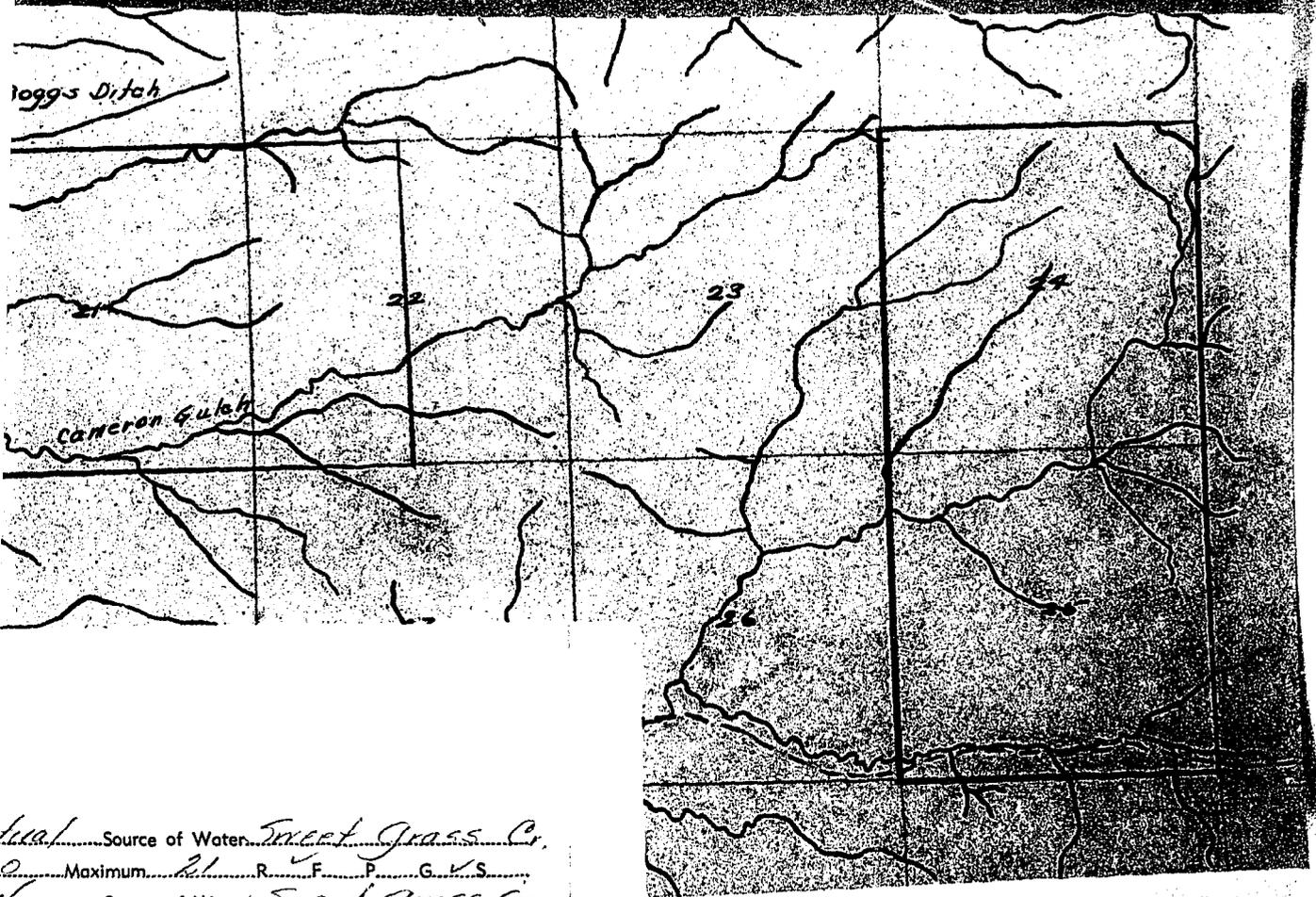
Information from _____ Date _____

Office
X

County, Sweetgrass
Code No. 20A-21A-22B-
24A-25A

Big Timber

Potential Land Under Existing Facilities



1. Source of Water Sweet Grass Cr.
 2. Maximum 21 R F P G V S
 3. Source of Water Sweet Grass Cr.
 4. Maximum 101 R F P G V S
 5. Source of Water.....
 6. Maximum.....R.....F.....P.....G.....S.....
 7. Source of Water.....
 8. Maximum.....R.....F.....P.....G.....S.....
 the number of shares or inches, acre feet, as the case may be
 diverted by means of pumping. G—Water diverted by gravity.
 Date.....

Mr. L. Sinkey was not cooperative when interviewed - he merely told us that all of this information was available in the courthouse.

From what we could understand, Sinkey irrigates approximately 100 acres from the Boggs Ditch, from which he is decreed 126 m.f., and an unnamed mutual which lies on the West bank of the Sweet Grass Creek.

Mr. Sinkey claimed that he had an insufficient supply of water; however, could give no reason to substantiate his statement. Likewise, we could not determine a reason for his statement.

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 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	34	35	36

Handwritten annotations on the grid:

- Section 22: A
- Section 23: A
- Section 28: A
- Section 27: A
- Section 26: A
- Section 20: B

Township _____ Range _____

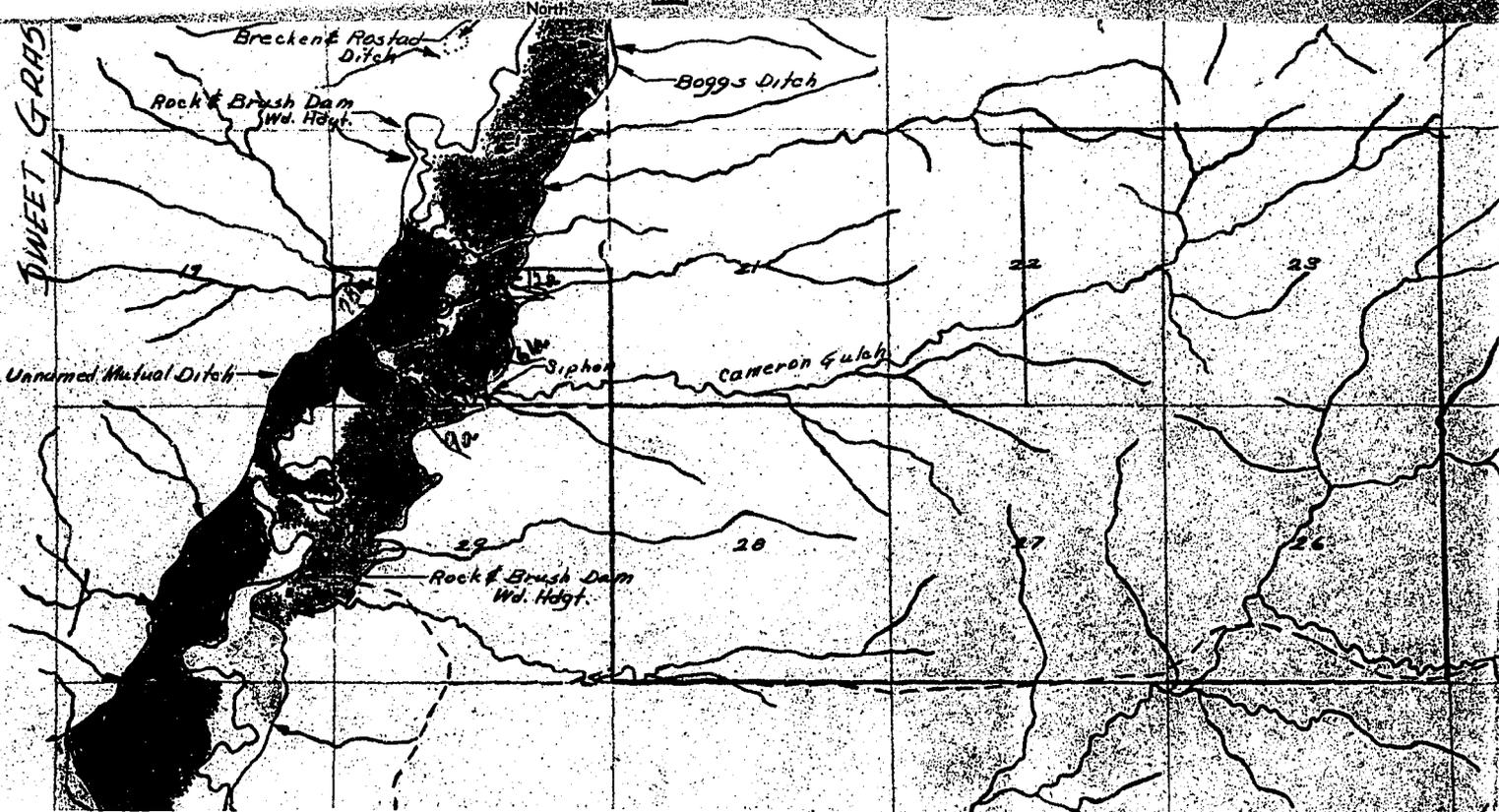
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. _____
20B-22A-23A-26A-
27A-28A

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner SINKEY, LEIGH Address Grey Cliff
Name of Operator B. SINKEY Address _____
Legal Description _____

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities



Code No. 20B System Boggs Mutual Source of Water Sweet Grass Co.
Basin Sweet Grass Present 82 Potential 0 Maximum 82 R ✓ F ✓ P ✓ G ✓ S ✓
Code No. 20B System Unnamed Mutual Source of Water Sweet Grass Co.
Basin Sweet Grass Present 78 Potential 0 Maximum 78 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

STATE OF MONTANA

FORM F-1 REPORTER IN 3-49 17380

By ELGM

Code No. 7A, 17B, 18B

Area Su. Grass

State Engineer's Office

County Sweet Grass

WATER RESOURCES SURVEY

T. 1N R. 16E Sec. 7, 17, 18
MA-7A-121

Date _____

Photo No. MA-7A-122

Legal Land Owner Smith, Traver

Address Big Timber

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Beggs Ditch Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System West bank - sub - to AC. Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Peterson, Hans - Becken & Rostad

App. No. 606746, D-345, D-349

Original Appropriator, Private Ryan, B.L. - Bartels, Frederick

App. No. D-275, D-276
D-350

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)

110 ~~110~~ Decreed

Source of Water: Out Creek, Sweetgrass Cr.

Acres Irrigated 19 50 83

Potential Acres 3 Seeped 40

Explain _____

Condition of System Good

Adequate Supply..... Yes No _____

Explain _____

Topography 1st Bench.

Information From Traver Smith

Remarks (OVER)

30

SMITH HAS 95 MI. OUT OF BOGGS
DITCH & IRRIGATES ABOUT 80 A.

HE HAS 40 ACRES ON THE WEST
SIDE OF SW GR. CR. UNDER THE
BECKEN & ROSTAD DITCH. THIS DITCH IS
OUT OF COMMISSION. ALL OF SMITH'S
LAND UNDER THIS DITCH IS SUB-IRR.
HE MAY PUT THIS DITCH INTO SERVICE
IF THE NEED ARISES. THE BECKEN &
ROSTAD DITCH WAS BUILT TO REPLACE
THE LATERAL FROM BOGGS DITCH THAT
TOOK IN THIS LAND. THE LATERAL
FLUMED SW. GRASS CR. BUT WAS NOT
SUCCESSFUL. IT WAS TOO HIGH UP ON
THE SLOPES & KEPT WASHING OUT
& WOULD NOT HOLD WATER. IT IS
NEARLY OBLITERATED. COULD NOT FIND
THE LOCATION WHERE IT FLUMED
SW. GR. CR.

HAS NOTHING ON OWL CR OR
EVEN KNOWS WHERE ITS LOCATED.

OFFICE OF THE DIRECTOR

STATE OF TEXAS

LAND OFFICE

1943

1943

1943

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass

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

Township _____ Range _____

Form WR-B
Reporter 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

7A-17B-18B

Twp. 1N Rge. 16E

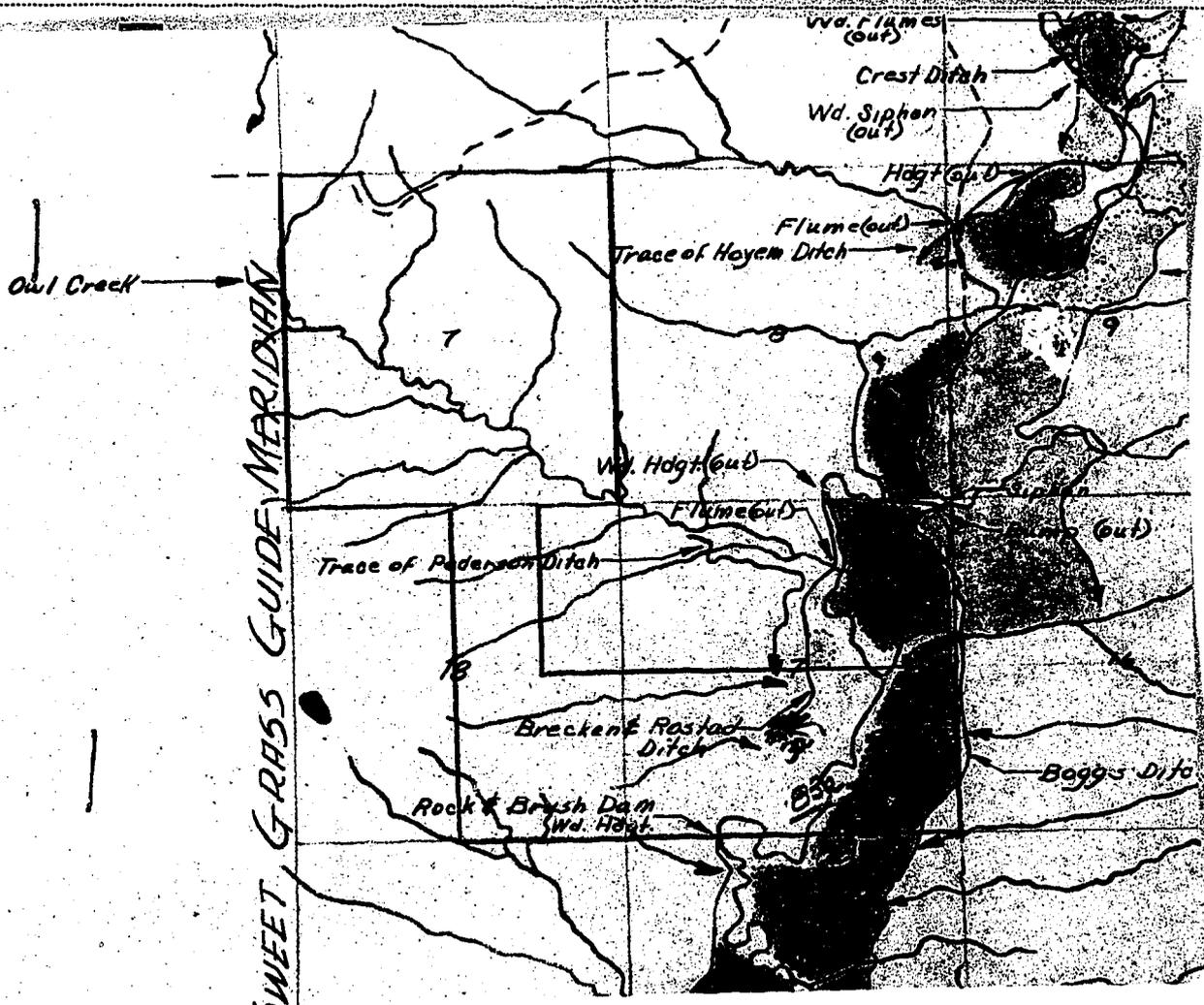
Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner SMITH, TRAYER Address 1314 TIMBER

Name of Operator S.A.M.P. Address " "

Legal Description _____



Code No. 17B System Boggs Mutual Source of Water Sweet Grass Cr.

Basin Sweet Grass Present 83 Potential 0 Maximum 83 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓

Code No. 17B System Brecken & Rostad Ditch Source of Water Sweet Grass Cr.

Basin Sweet Grass Present 0 Potential 3 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. _____

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

STATE OF MONTANA

FORM F-1 REPORTER IM 3-49 17380

By Geo & Ed.

Code No. 5B, 8A, 9A, 15A-16C

State Engineer's Office

Area Sweet Gr. Co.

County Sweet Grass

WATER RESOURCES SURVEY

Date 5-27-50

T. 1N R. 16E Sec. 5, 8, 9, 15
MA-7A-121

Photo No. MA-7A-122

Legal Land Owner Stale, Harriett Address Big Timber

Operator of Einar Harrison Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Bogg's Ditch Pres. CS Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Pepe Ditch - private - all pat. Pres. _____ Pot. _____
Hoyem Ditch - but _____ Pot. 12

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Hoyem, Jacob & Becken, Lena App. No. D-1190

Original Appropriator, Private Bartels, Frederick - Hoyem, Iver M. App. No. 746, D-219, 798
Becken & Rostad App. No. D-320, D-321, D-322

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

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

(If No, show break down on map)

Source of Water Sweetgrass Creek, 75 MI

Acres Irrigated 19 50 58

Potential Acres 316 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply Yes No _____

Explain _____

Topography Creek bottom

Information From Einar Harrison

Remarks _____

- Over -

Harrison holds a decree for 75 M.I from Bogg's Ditch and irrigates approx 65 acres of bottom land under the ditch lying on the east side of Sweet Grass Creek.

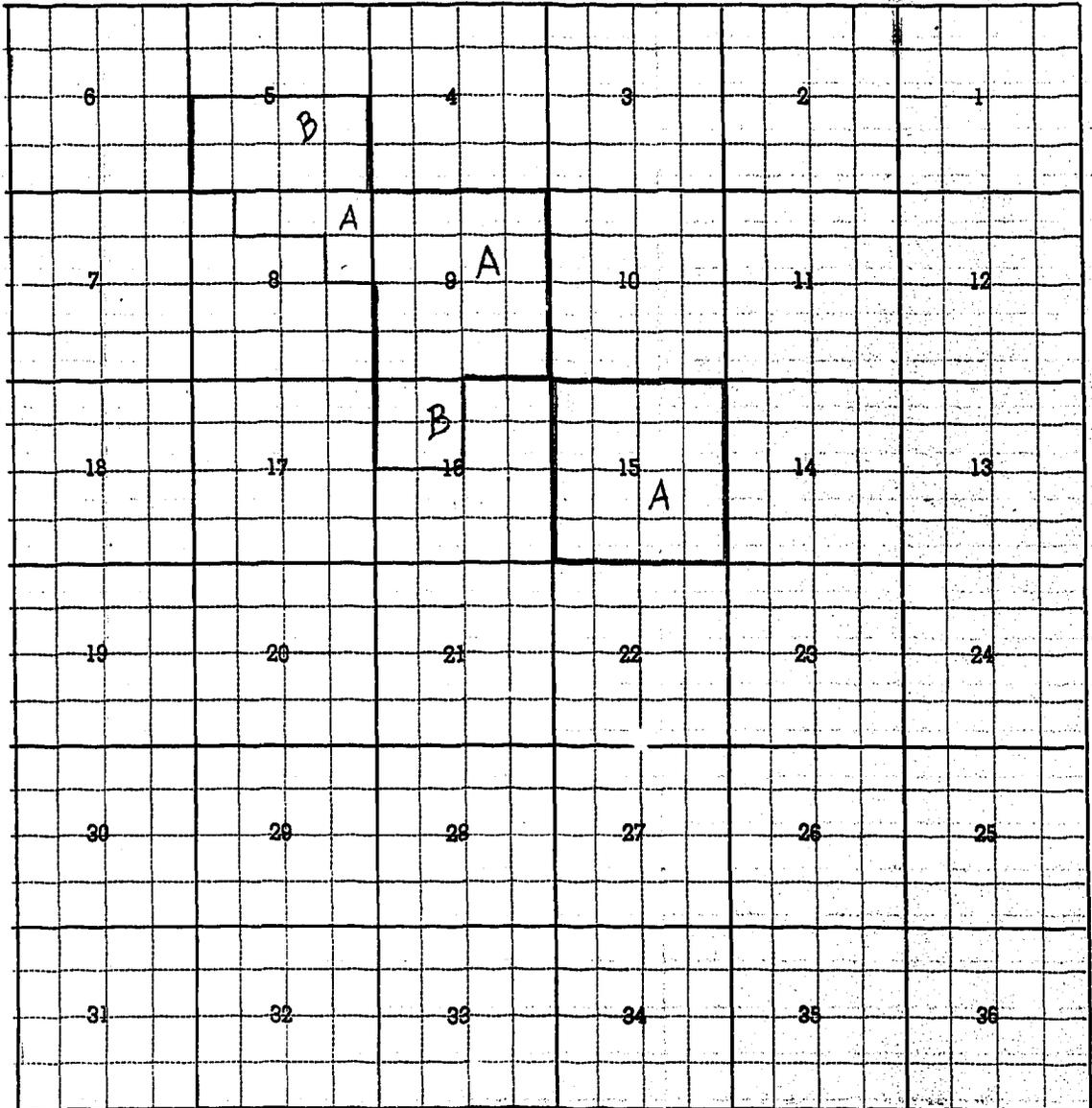
Harrison also holds a decree for 365 M.I. from the Sweet Grass Creek (Decreed to Heyern) which he plans to use after reconditioning the Pepe ditch which has not been in use for many years. Mr. Harrison hopes to have the Pepe Ditch in good repair by this fall and thus irrigate approximately 400 additional acres. In order to accomplish this repair he intends to install a new headgate farther down the Creek in order to eliminate the unnecessary and costly construction farther up. There is sufficient fall to properly execute this plan.

Another small ditch (the Heyern Ditch) takes out of the Sweet Grass Creek on its west bank and was used to irrigate approx. 12 acres by his barn and house. His intentions are to install a siphon and put the ditch into use again after completing work on the Pepe ditch.

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 North Range 16 East County Sweet Grass

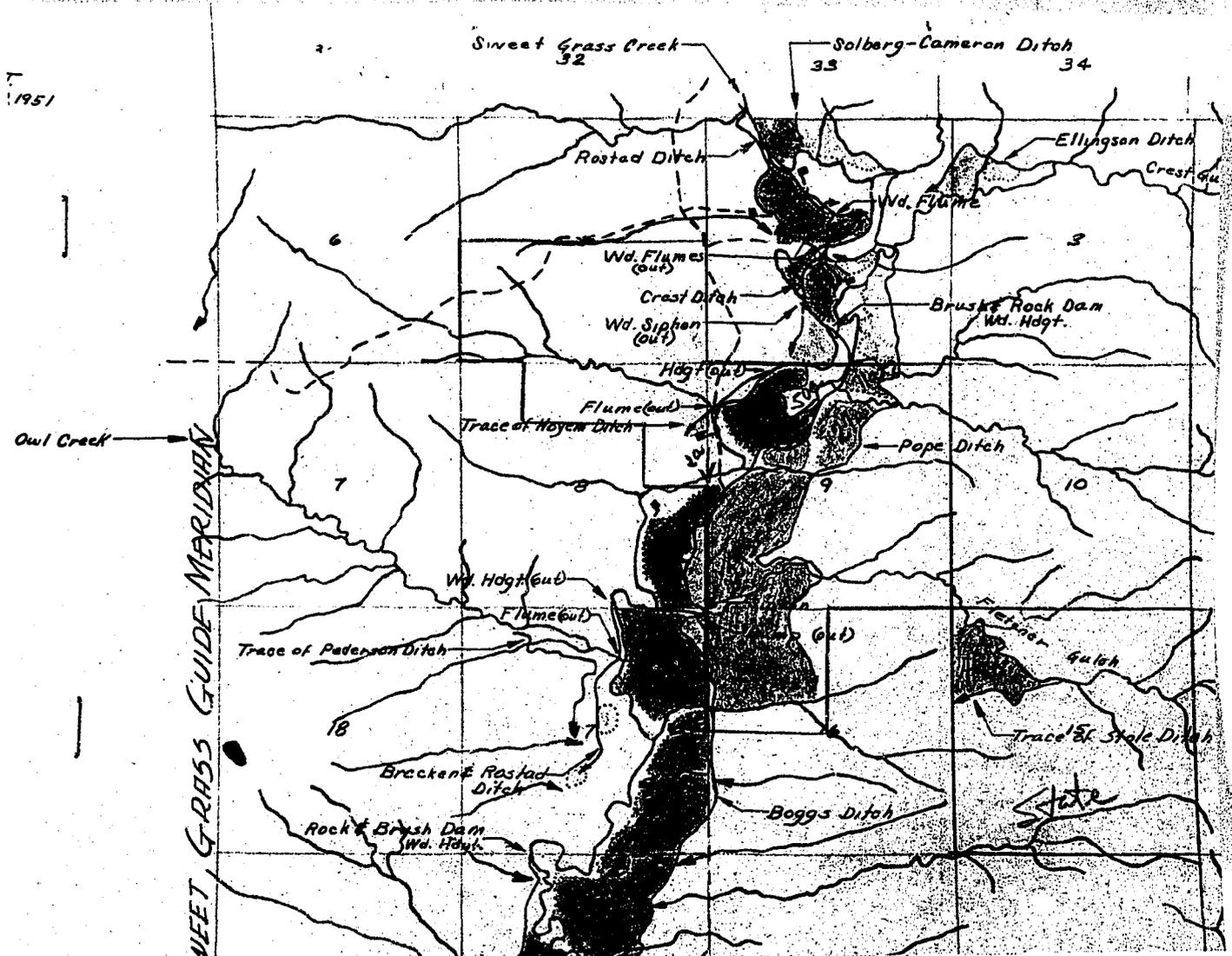


Township _____ Range _____

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. _____
5B-8A-9A-15A-
16B



Basin	<u>Sweet Grass</u>	Present	<u>1.0</u>	Potential	<u>3</u>	Maximum	<u>3</u>	R.	V.	F.	P.	G.	V.	S.
Code No.	<u>8A-16A</u>	System	<u>Pope Ditch</u>	Source of Water	<u>Sweet Grass Cr.</u>									
Basin	<u>Sweet Grass</u>	Present	<u>1.0</u>	Potential	<u>26.7</u>	Maximum	<u>26.7</u>	R.	V.	F.	P.	G.	V.	S.
Code No.	<u>16A</u>	System	<u>State Ditch</u>	Source of Water	<u>Flathead Gulch</u>									
Basin	<u>Sweet Grass</u>	Present	<u>0</u>	Potential	<u>4.6</u>	Maximum	<u>4.6</u>	R.	V.	F.	P.	G.	V.	S.

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be 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 Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweet Grass
Code No. 5B-8A-9A-15A-16B

Twp. 1N Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner STOLE, HARRIETT Address Big Timber
Name of Operator Ed Finar HARRISON Address _____
Legal Description _____

Irrigated Land Non-Irrigated Land Potential Land Under existing Facilities
North

Code No. <u>9A</u>	System <u>Bogas Mutual</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>52</u> Potential <u>0</u> Maximum <u>52</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>8A</u>	System <u>Hoyem Ditch</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>3</u> Maximum <u>3</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>9A, 16A</u>	System <u>Pape Ditch</u>	Source of Water <u>Sweet Grass Cr</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>267</u> Maximum <u>267</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>15A</u>	System <u>Stale Ditch</u>	Source of Water <u>Fletcher Gulch</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>46</u> Maximum <u>46</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>

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. 316

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 IM 3-49 17360

By Geo & Ed

STATE OF MONTANA

Code No. 8B

State Engineer's Office

Area Sweet Grass Cr.

County Sweet Grass

WATER RESOURCES SURVEY

T. 1N R. 16E Sec. 8

Date April 26, 1950

Photo No. MA-7A-121

Legal Land Owner Whrich, Bernard

Address Big Timber

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Boogs 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 Hoyem, Iver M.; Ferte, Alexander

App. No. 155B

Original Appropriator, Private Bartels, Frederick

App. No. T46, D-319

Nagano, Anne

D-119B

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 Sweetgrass Creek

Acres Irrigated 19.50, 48

Potential Acres 10 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply..... Yes No _____

Explain _____

Topography 1st Bench

Information From Mr. Pederson

Remarks (over)

TWP. 1N - Rge. 16E

		B		
			B	

50

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. 8B

Twp. 1N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner UHRICH, BERNARD Address Big Timber

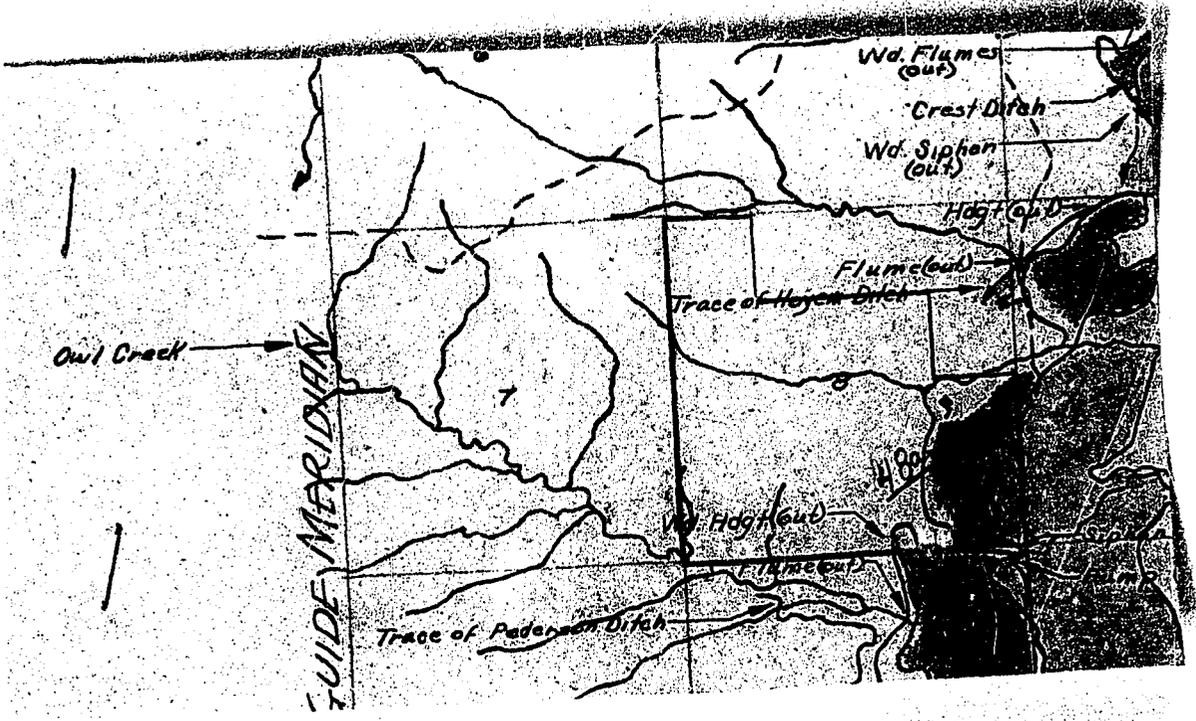
Name of Operator Same Address " " "

Legal Description _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. <u>8B</u>	System <u>Bangs Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>48</u> Potential <u>0</u> Maximum <u>48</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>8B</u>	System <u>Pope Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>10</u> Maximum <u>10</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____ Maximum _____	R <input type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input type="checkbox"/> S <input type="checkbox"/>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____ Maximum _____	R <input type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input type="checkbox"/> S <input type="checkbox"/>

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 1 North - Range 17 East

(31)

	Name of Owner	Township & Range
1.	Deleeuw, Annie	(31) 1N-17E
2.	Hickman, Maude	"
3.	Maher, Earl	"
4.	Patterson, Laverne	"
5.	Smith, Burton S.	"
6.	William, Jack	"
7.	Young, John	"

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 North Range 17 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	24 878
30	29	28	27	26 979	25
31	32	33	34 874 718 457	35 934 875	36

Township 1 North Range 17 East

Township 1 North, Range 17 East

<u>No.</u>	<u>Name of Appropriator</u>	<u>Name of Stream</u>	<u>Date App.</u>	<u>Date Filed</u>	<u>M.I.</u>
718	Hickman, F. R.	Stone House Creek	6-15-15	6-15-15	200
874	Hines, John M.	White Beaver Creek	2-8-12	2-8-12	100
875	John, Wayne	White Beaver Creek	3-25-20	3-25-20	100
878	McKeehan, Clyde A.	White Beaver Creek	6-29-12	7-1-12	160
934	Ogbin, Rufus	Unnamed Stream	4-27-20	5-7-20	100
957	Stevens, Melzer	Stonehouse Spring	8-16-12	8-28-12	40
979	Cannon, John	Unnamed Spring	7-11-12	7-11-12	50

Farm Checked

FORM F-1 REPORTER IM 3-49 17380

By E.C. + [unclear]

STATE OF MONTANA

Code No. 21A-25A-26A

State Engineer's Office

County Sweetgrass

Area White Beaver Cr

WATER RESOURCES SURVEY

T. 1N R. 17E Sec. MA-14-191-192

Date 6-24-50

Photo No. _____

Legal Land Owner DELEEUW, ANNIE Address Rt. 3, Billings

Operator HUGHES, ROBERT Address REED POINT

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 McKeehan, Clyde A. App. No. 878

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 White Beaver Creek

Acres Irrigated 19 50 None

Potential Acres 14 Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From Te. Paef

Remarks over

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 NORTH Range 17 EAST County Sweetgrass

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

Township 1N Range 17E