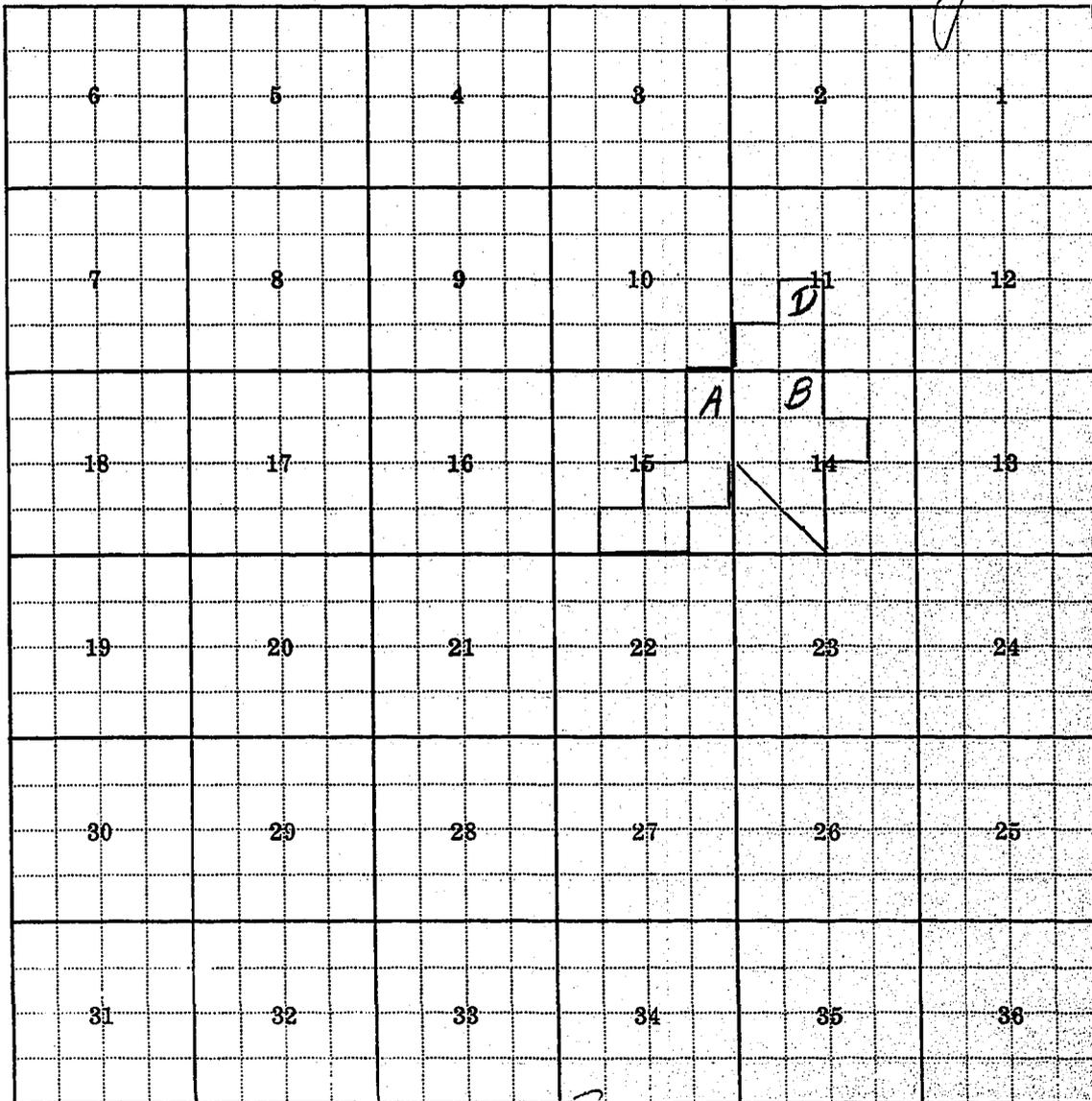


STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15 County San Juan



T. H. Grosfield

Township 15 Range 15

State Engineer's Office

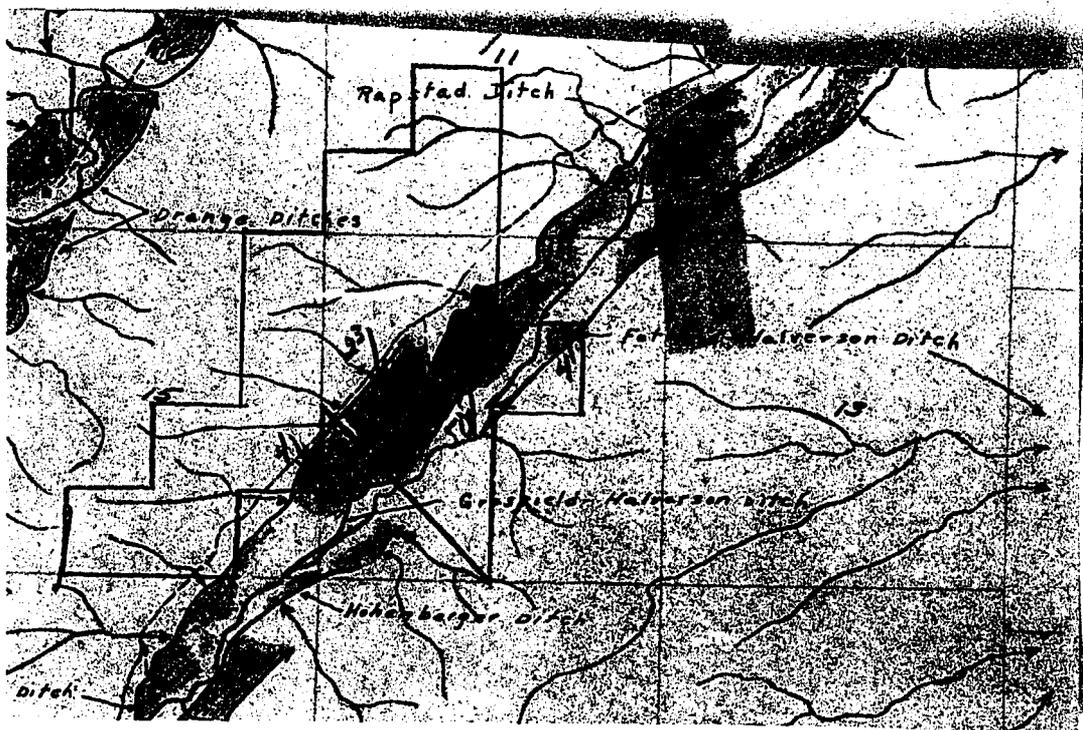
County Sweet Grass
Code No. 11D-14B-15A

Twp. 15 Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

WATER RESOURCES SURVEY
FARM MAP

Name of Land Owner. T. M. Grosfield, est. Address _____
Name of Operator. Clara Grosfield by Topo Strobel Address 1319 Timber
Legal Description _____

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



Code No. <u>14B, 15B</u>	System <u>Habenberger Ditch</u>	Source of Water <u>Lower Deer Creek</u>
Basin <u>Yellowstone</u>	Present <u>29</u> Potential <u>0</u> Maximum <u>29</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>11D, 14B</u>	System <u>Grosfield-Halverson Ditch</u>	Source of Water <u>Lower Deer Creek</u>
Basin <u>Yellowstone</u>	Present <u>50</u> Potential <u>0</u> Maximum <u>50</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>14B</u>	System <u>Ferland-Halverson Ditch</u>	Source of Water <u>Lower Deer Creek</u>
Basin <u>Yellowstone</u>	Present <u>0</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. _____	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 _____

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County Sweet Grass

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

Handwritten annotations on the grid:
- Section 11: 'A C'
- Section 17: 'A'
- Section 18: 'A'
- Section 24: 'A'

Ronald Halverson

Township 15 Range 15E

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweet Grass
Code No. 11A-12C-
13A-14A-24A

Twp. 15 Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Halverson, Ronald Address Big Timber
Name of Operator Same Address " "
Legal Description _____

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



Code No. <u>11A, 12A, 14A</u>	System <u>Halverson Ditch</u>	Source of Water <u>Lower Deer Cr.</u>
Basin <u>Yellowstone</u>	Present <u>12</u> Potential <u>0</u> Maximum <u>12</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>11A, 12A</u>	System <u>Rapstad Ditch</u>	Source of Water <u>Lower Deer Cr.</u>
Basin <u>Yellowstone</u>	Present <u>18</u> Potential <u>0</u> Maximum <u>18</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>11A, 12A, 14A</u>	System <u>Grasfield-Halverson Ditch</u>	Source of Water <u>Lower Deer Cr.</u>
Basin <u>Yellowstone</u>	Present <u>39</u> Potential <u>0</u> Maximum <u>39</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"/>

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 _____

1 ditch on east side of Deer Track
1 ditch on west side crossing between & across (first ditch)
1 ditch out of west side of Spring Creek useful for Kubie
and Island. Ditch by Spring Cr. ^{East Side} a same place
is also in private.

Herman

See Mr. Utermohle on Sweetgrass Creek for any additional
information needed.

STATE ENGINEERING OFFICE
STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

Twp. 15 Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Tom Kuhn Address Grey Cliff
Name of Operator Same Address " "
Legal Description _____

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



Code No. 1A System Frost Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 9 Potential 0 Maximum 9 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 _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass

Code No. 168

Twp. 15 Rge. 15E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner Montana, State of Address _____

Name of Operator Ludwig Drange Address Big Timber

Legal Description _____



Irrigated Land

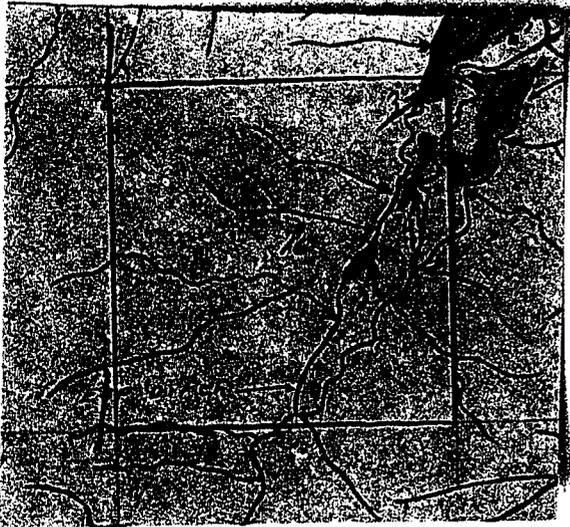


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 168 System Esp. Ditch Source of Water Upper Deer Cr.
Basin Yellowstone Present 9 Potential 0 Maximum 9 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

STATE OF MONTANA

FORM F-1 REPORTER IM 3-49 17380

By M.F. + B.B.

State Engineer's Office

Code No. 300, 311

Area Upper Deer Cr.

WATER RESOURCES SURVEY

County San Juan

Date 7-13-50

T. 18 R. 18 Sec. 30, 31

Legal Land Owner Arthur Ormsby

Photo No. MA-17A-162

Operator "

Address Big Timber

Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Cartwright Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Robert Cartwright App. No. 354

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 Upper Deer Cr.

Acres Irrigated 19 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Fair - Improving it now

Adequate Supply Yes _____ No

Explain Creek goes dry in summer

Topography Cr. bottom

Information From Arthur Ormsby

Remarks over

See attached map

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County San Juan

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

Arthur Dunsby

Township 15 Range 15E

STATE OF MONTANA

State Engineer's Office

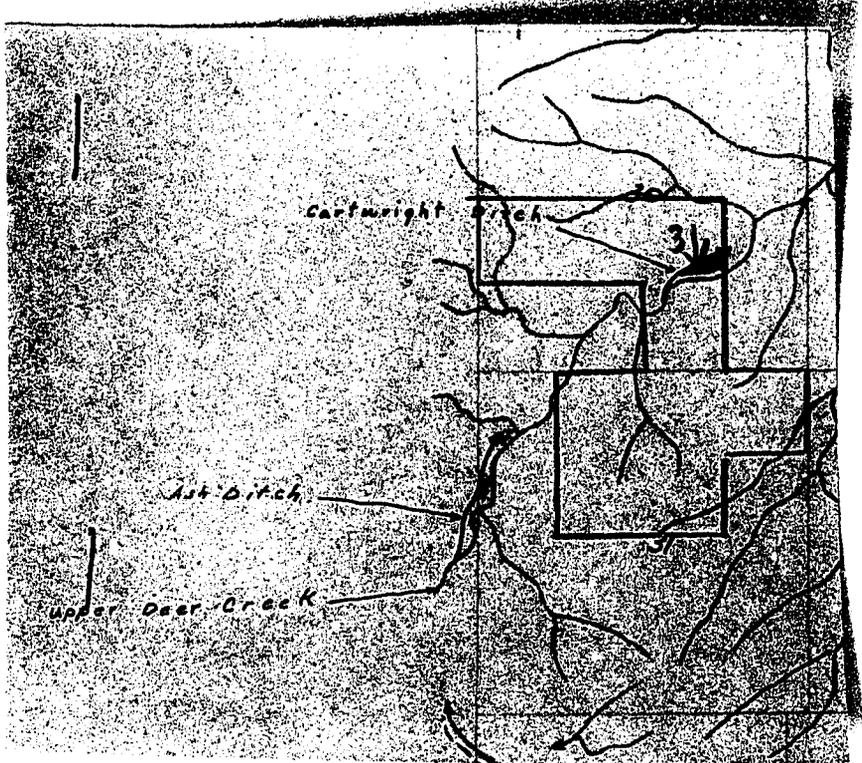
WATER RESOURCES SURVEY
FARM MAP

County Sweet Grass
Code No. 30C-31A

Twp. 7S Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Arthur Ornsby Address Big Timber
Name of Operator Same Address " "
Legal Description _____

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



Code No. 30C System Cartwright Ditch Source of Water Upper Deer Cr.
Basin Yellowstone 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. _____
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 Dave & Joe

Code No. 5B 6A, 6B

State Engineer's Office

County San Juan

Area Dry Creek

WATER RESOURCES SURVEY

T. 15 R. 1 Sec. 5, 6

Date 4/19/50

Photo No. MA-17A-160

Legal Land Owner Wm. K. Schalten & Gen. & Gen. Schalten

Address Big Junction

Operator J. Schalten Brown

Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

188 Ditch Company Dry Creek Canal Co. Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private John Corgriff App. No. 985

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 San Juan Spring

Acres Irrigated 19 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply Yes No _____

Explain _____

Topography River Valley

Information From Schalten

Remarks Also see Dry Creek Canal Co. Form.

35 See Master Form (29) Also in #28

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass

Code No. 5B-6A

613

Twp. 15 Rge. 15E

Twp. 1N Rge. 15E

Twp. 1N Rge. 14E

Name of Land Owner.....Address.....

Name of Operator Schalter Bros......Address Big Timber.....

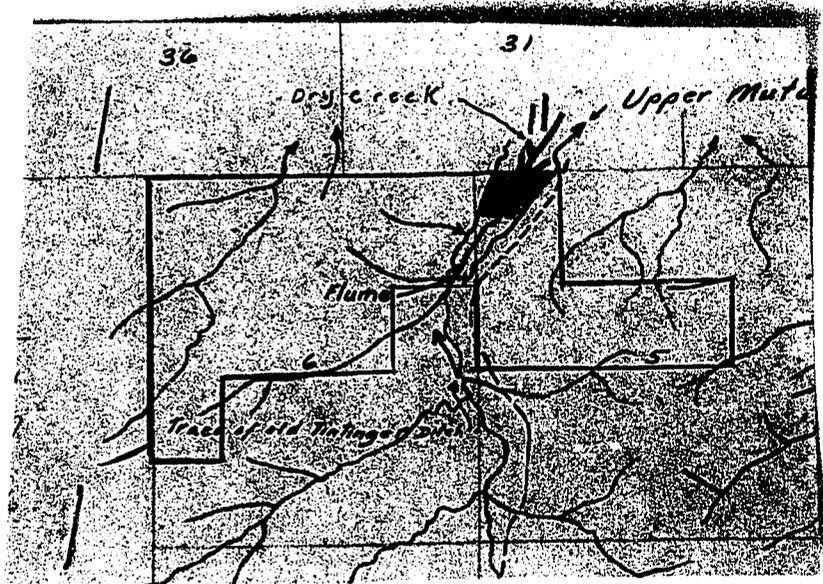
Legal Description.....

Irrigated Land

Non-Irrigated Land

Potential Land Under Existing Facilities

North



Code No. 5B.....System Upper Mutual Nat. D.C.C. Co......Source of Water Boulder River

Basin Boulder.....Present 11.....Potential 0.....Maximum 11.....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.....

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County San Juan

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

Walter E. Shaw

Township 15 Range 15E

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER IN 3-49 17390

By Dave & Joe

State Engineer's Office

Code No. 30, 4A, 5A, 8, 19C

Area Dry Creek

WATER RESOURCES SURVEY

County San Juan

Date 4/18/50

T. 1S R. 18E Sec. 1

Photo No. MA-13A-159
17A-160

Legal Land Owner Lanillard Spencer

Address Big Timber

Operator _____

Address _____

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company Dry Creek Canal Co. Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private none shown 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 Boulder River

Acres Irrigated 19 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

35 See Master Form (29)

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 18 Range 15 County Sweet Grass

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

Lowland Green

Township 18 Range 15

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 3C-4A-5A
8A-9C

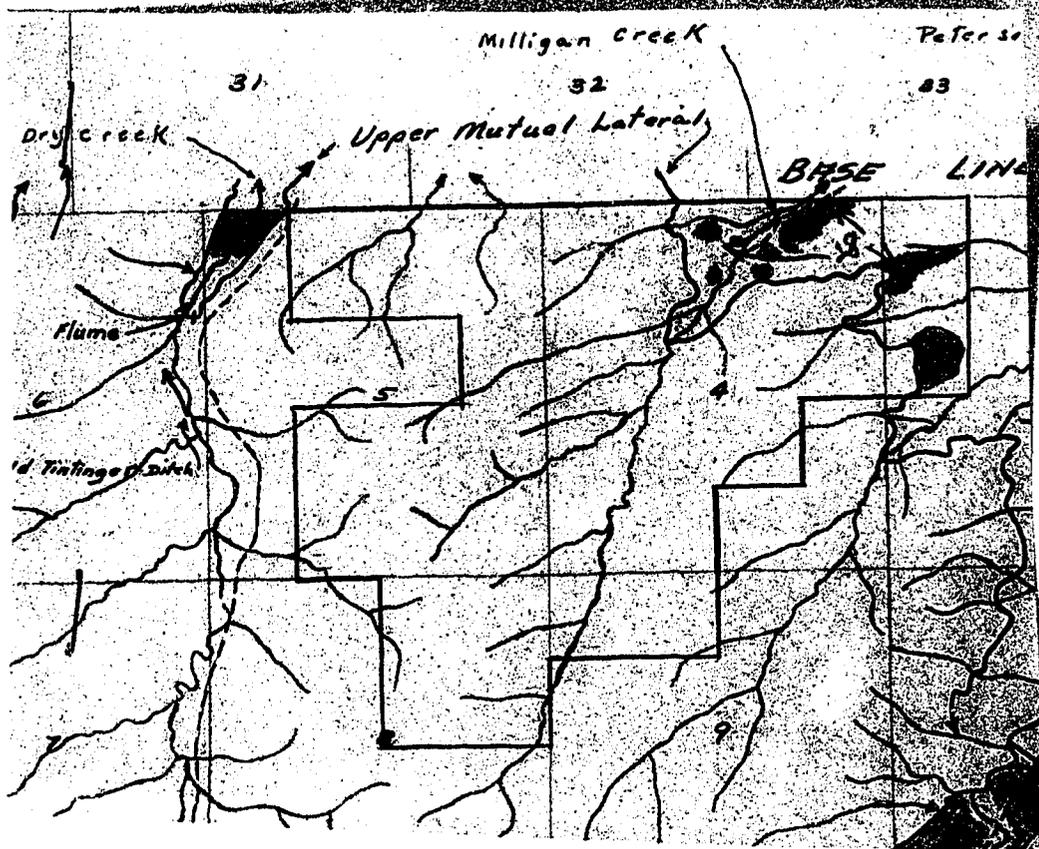
Twp. 15 Rge. 15E
Twp. 1N Rge. 15E
Twp. _____ Rge. _____

Name of Land Owner..... Spencer, Lorillard Address..... Big Timber
Name of Operator..... same Address..... " "
Legal Description.....

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. 3C-4A System Upper Mutual Lateral Source of Water Boulder River
Basin Boulder Present 128 Potential 10 Maximum 38 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____

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

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

Information from _____ Date _____

Township 1 South - Range 16 East

(36)

Name of Owner	Township & Range
✓ 1. Bue, Carl	(36) 1S-16E (37) 1S-17E (42) 2S-16E (43) 2S-17E
✓ 2. Beslovanovich, John	"
✓ 3. Cook, Jas.	"
✓ 4. Cosgriff, Anthony & Martin	(35) 1S-15E
✓ 5. Deegan, Margaret	(30) 1N-16E
✓ 6. Elgen, Gunhilda	(35) 1S-15E
✓ 7. Forsythe, H.P.	"
✓ 8. Forster, Rudolph	"
✓ 9. Hawks, Harold	(29) 1N-15E (28) 1N-14E (30) 1N-16E
✓ 10. Hauserman, Herman	"
✓ 11. Hauserman, Henry	"
✓ 12. Hauserman, Hazel	"
✓ 13. Hauserman, Eva	"
✓ 14. Harrison, Carrie	(30) 1N-16E (29) 1N-15E
✓ 15. Johnson, J. A. <i>McClurg</i>	"
✓ 16. Krone, Anton	"
✓ 17. Kjarmo, Carl	"
✓ 18. Kuhn, Thos.	"
✓ 19. Line, Robt.	"
✓ 20. Meier, Samuel A.	"
✓ 21. McDonnell Bros.	"
✓ 22. Montana, State of	(4) 5N-15E (8) 4N-14E (29) 1N-13E (30) 1N-16E (34) 1S-14E (39) 2S-13E (45) 3S-13E
✓ 23. Nepstad, O. A.	"
✓ 24. Terland, Temer	"

Township 1 South, Range 16 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>
45	Peterson, Andrew	Anderson Creek	11-20-01	11-20-01	300
268	Stone, John C.	Bridger Creek	7-13-06	7-13-06	100
333	Bradshaw, John T.	Dead Man's Gulch	1-18-19	1-18-19	200
334	Utermohle, Herman	Dead Man's Gulch	9-16-99	9-18-99	200
343	Cosgriff, John	Lower Deer Creek	4-11-03	4-11-03	160
351	Monroe, L. W. & Tonette	Lower Deer Creek	5-13-98	5-13-98	350
470	Forster, John	Grey Cliff Creek	6-16-06	6-16-06	300
610	Wheaton, Peter M.	Park Canyon Creek	3-19-02	3-19-02	160
675	Cosgriff, John W.	Spring Creek	2-18-04	2-18-04	100
676	Cosgriff, John	Spring Creek	4-22-95	4-22-95	150
688	Harrison, Albert	Spring Creek	2-5-98	2-5-98	200
689	Harrison, Al	Spring Creek	5-13-98	5-13-98	200
790	Harrison, W. A.	Sweetgrass Creek	1-11-93	1-11-93	1/3 SG Cr.
792	Harrison, W. A.	Sweetgrass Creek	2-14-98	2-14-98	500
834	Utermohle, Herman	Sweetgrass Creek	3-24-99	3-24-99	500
840	Wheaton, Peter	Sweetgrass Creek	11-2-89	11-13-89	320
925	Shanks, W. L. & Ella	Yellowstone River	6-27-03	6-29-03	1000
930	Guthrie, Robert L.	Unnamed Stream	8-16-04	8-17-04	100
D-120	Kent, Mary	Bridger Creek	1879 - 1880		220
D-121	Knox, John	Bridger Creek	3- -96		50
D-122	Thompson, A. N.	Bridger Creek	2-15-93		60
D-123	Whiting, J. H.	Bridger Creek	2-15-93		75
D-159	Kitosh, Tonette & Walters, Louis	Lower Deer Creek	9-1-92		240
D-235	Cosgriff, John	Spring Creek (No priority. To be used every 4 days) to be used 4 days consecutively out of every 12 days			150

See other sheet
for D 213

Township 1 South, Range 16 East

Page two

No.	Name of Appropriator	Name of Stream	Date Priority	M.I.
D-237	Harrison, Al	Spring Creek	(No priority. To be used every 4 days) <i>out of every 12 days</i>	150
D-299	Forsythe, Andrew	Sweetgrass Creek	9-1-78	148
D-300	Forsythe, Andrew	Sweetgrass Creek	9-12-81	27
D-312	Harrison, W. A.	Sweetgrass Creek	9-1-78	120
D-313	Harrison, W. A.	Sweetgrass Creek	9-12-81	22
D-314	Harrison, W. A.	Sweetgrass Creek	6-1-94	200
D-341	Parker, Glen	Sweetgrass Creek	9-1-78	190
D-342	Parker, Glen	Sweetgrass Creek	9-12-81	36
D-360	Utermohle, Herman	Sweetgrass Creek	9-1-78	142
D-361	Utermohle, Herman	Sweetgrass Creek	9-12-81	26
D-362	Utermohle, Herman	Sweetgrass Creek	9-12-81 5-10-82	100

0213A Utermohle, Herman Harrison Ditch 200
 0213B Forsythe, Andrew Harrison Ditch 200
 0-213C Harrison, Waborn A. Harrison Ditch 200**

** plus all in excess of 600 M.I.

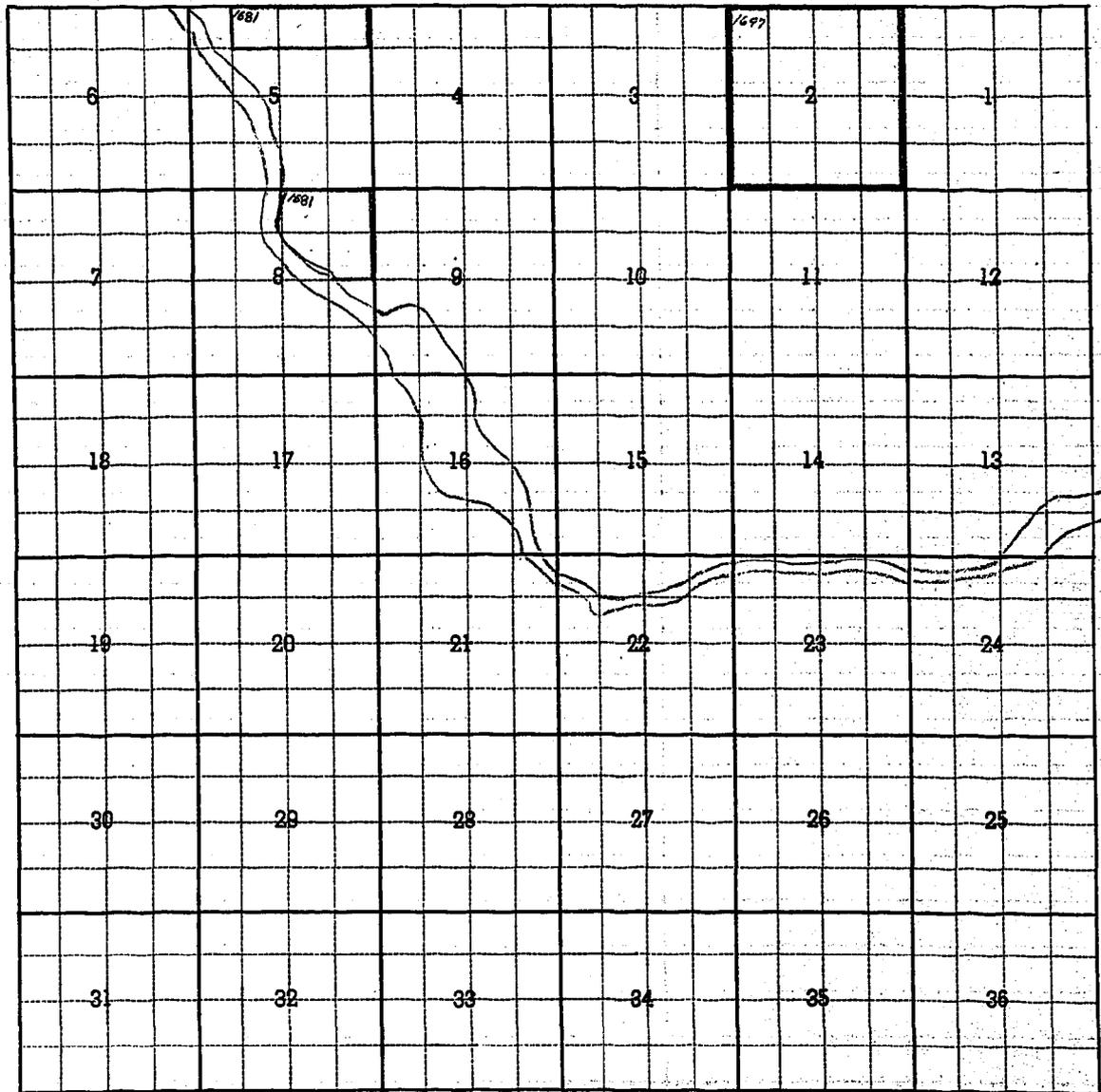
State Engineer's Office

WATER RESOURCES SURVEY

Township 15 Range 16 E County Sweet Grass

M.I.

150
148
27
120
22
200
190
35
142
26
100
200
200
200.44



Transcribed from Park County

Township 15 Range 16 E

Farm Checked

FORM F-1 REPORTER IM 3-49 17380

STATE OF MONTANA

By MT + EC

Code No. 23D

State Engineer's Office

County Sweet Grass

Area Gray Cliff

WATER RESOURCES SURVEY

T. 15 R. 16E Sec.

Date 7-25-1950

Photo No. MA-7A-124

Legal Land Owner Bestovanovich, John

Address Laurel

Operator P

Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System No system or irr Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Peterson, Andrew App. No. 45

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 Anderson, Creek

Acres Irrigated 19 None

Potential Acres None Seeped None

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No

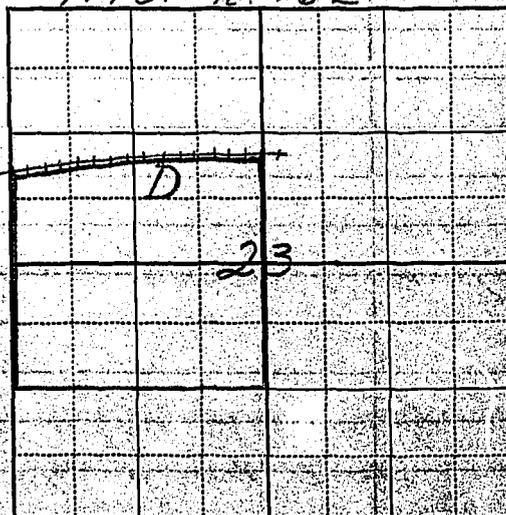
Explain _____

Topography _____

Information From Mr. Forster

Remarks over

T. 15. - R. 16 E



36

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

By Geo Ed

STATE OF MONTANA

Code No. 24 B

Area Bridger Cr.

State Engineer's Office

County Sweet Grass

WATER RESOURCES SURVEY

T. 1 S R. 16 E Sec. 24

Date 4-5-50

Photo No. MA-7A-191

Legal Land Owner Bue, Carl Address Feed Point

Operator Ostrum, Bernice & Alfred Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Ostrum Ditch Pres. 70 Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Kent, Mary App. No. D-120

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

Is all land irrigated from one system? Yes _____ No see T15-R11E

(If No, show break down on map)

Source of Water Bridger Creek

Acres Irrigated 19 50, 15

Potential Acres 0 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply..... Yes _____ No

Explain supply insufficient early in July

Topography _____

Information From Ostrum

Remarks _____

TWP. 1 S - Rge. 16 E

B

24

36

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County SW GRASS

Code No. _____

24B

Twp. 18 Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner RUE, CARL Address REED POINT

Name of Operator OSTRUM, BERNICE & ALFRED Address " "

Legal Description _____



Irrigated Land

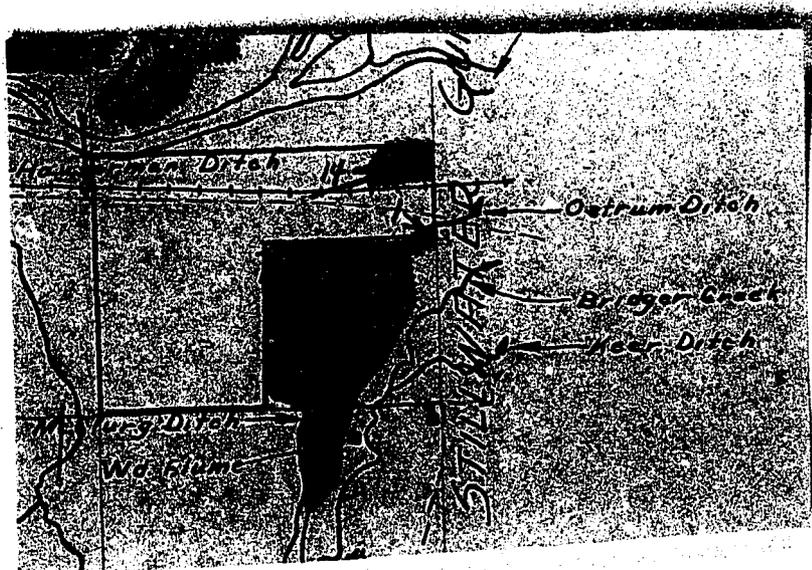


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>24B</u>	System <u>Ostrum Ditch</u>	Source of Water <u>Bridger Creek</u>
Basin <u>Yellowstone</u>	Present <u>15</u> Potential <u>0</u>	Maximum <u>15</u> R. <u>✓</u> F. <u>✓</u> P. <u>✓</u> G. <u>✓</u> S. <u>✓</u>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____	Maximum _____ R. <u>✓</u> F. <u>✓</u> P. <u>✓</u> G. <u>✓</u> S. <u>✓</u>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____	Maximum _____ R. <u>✓</u> F. <u>✓</u> P. <u>✓</u> G. <u>✓</u> S. <u>✓</u>
Code No. _____	System _____	Source of Water _____
Basin _____	Present _____ Potential _____	Maximum _____ R. <u>✓</u> F. <u>✓</u> P. <u>✓</u> G. <u>✓</u> S. <u>✓</u>

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.

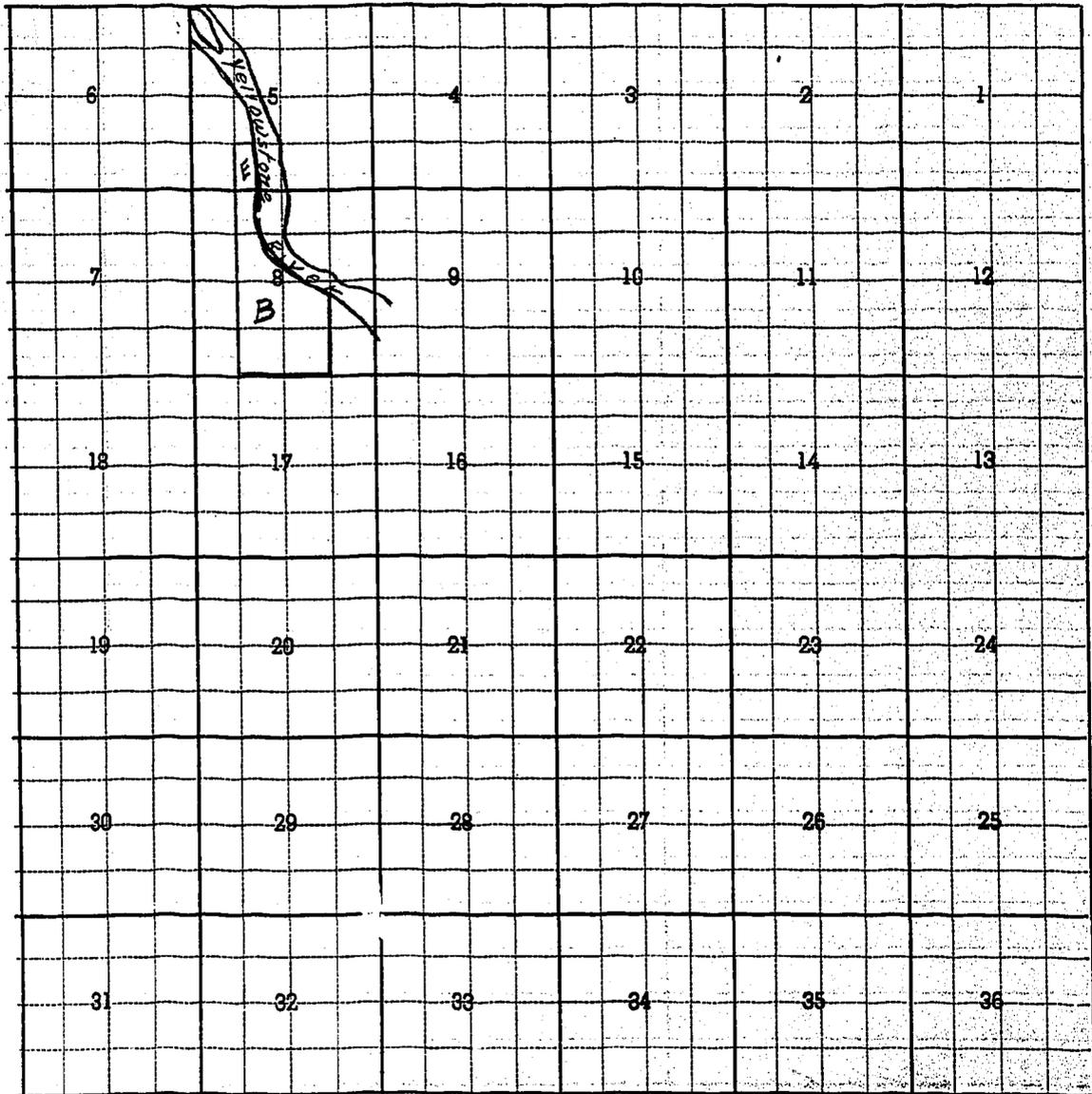
NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water diverted by means of pumping. G—Water diverted by gravity. S—Stored Water.

Information from _____ Date _____

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 South Range 16 East County Sweet Grass



Township _____ Range _____

Farm Checked

STATE OF MONTANA

Code No. GE-70

By Dave + Jim

STATE ENGINEER'S OFFICE

County Sweet Grass

Area Lower Deer Cr.

WATER RESOURCES SURVEY

T 1S R 16 E Sec. 6 & 7

Date March 30, 1950

Photo No. MA-13A-159

Legal Land Owner Anthony + Martin Cosgriff

Address Big Timber

Operator Same

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 John Cosgriff? App. No. 343

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 + Deer Creek

Acres Irrigated 19.50 19

Potential Acres 16 Seeped _____

Explain _____

Condition of System fair

Adequate Supply _____ Yes _____ No

Explain Creeks go dry in summer

Topography Creek bottom + river bench

Information From Anthony Cosgriff

Remarks _____

36 Master sheet in 35

T 15 R 16 E

		6			5
			E		
			B		
		7			8

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 South Range 16 East County Sweet Grass

	6		5		4		3		2		1
E											
	B										
	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 SW GRASS

Code No. _____

6E-713

Twp. 2S Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner COSGRIFF, A. and M. Address BIG TIMBER

Name of Operator SAME Address " "

Legal Description _____



Irrigated Land

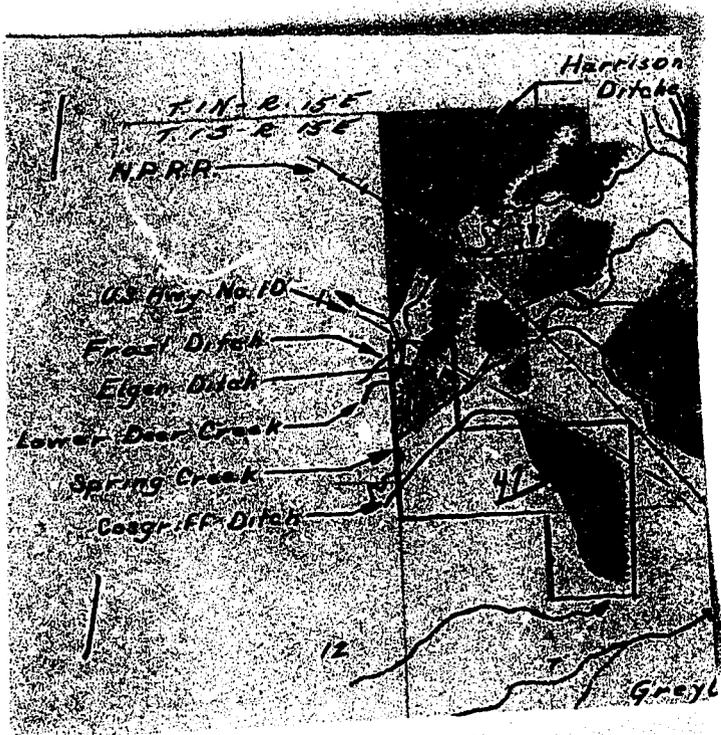


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 6E, 713 System Cosgriff Ditch Source of Water Lower Deer Cr

Basin Yellowstone Present 47 Potential 9 Maximum 47 R F P G S

Code No. 6E System Unnamed Ditch Source of Water Spring Creek

Basin Yellowstone Present 0 Potential 16 Maximum 16 R F P G S

Code No. 6E System Elger Ditch Source of Water Lower Deer Creek

Basin Yellowstone 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

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 9-49 17380

By Geo & Ed

Code No. 50

Area Sweet Grass Cr.

State Engineer's Office
WATER RESOURCES SURVEY

County Sweet Grass

Date 5-12-52

T. 1S R. 16E Sec. 5

Photo No. MA-7A-123

Legal Land Owner Deegan, Margaret

Address Greycliff

Operator Uttermole, Herman

Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Deegan Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

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

Is the system an extension of another system? Yes _____ No D-313, D-314, D-299

Is all land irrigated from one system? Yes No _____ D-300

(If No, show break down on map)

Source of Water Sweetgrass Creek

Acres Irrigated 19 50 8

Potential Acres 28 Seeped _____

Explain _____

Condition of System poor - need cleaning & repair

Adequate Supply Yes No _____

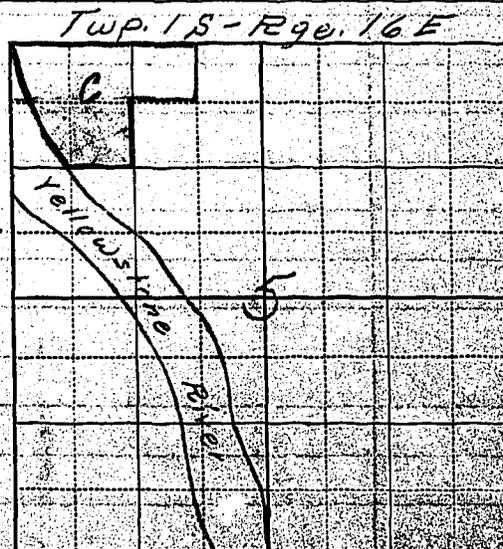
Explain _____

Topography _____

Information From C. Bainter

Remarks _____

(over)



50

Both Deegan and Uttermohl are not available for contact Monday thru Friday; therefore, information was secured from Mr. Clyde Bainter, a neighbor, and 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 - 14 - 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. 50

Rge. 16E

Rge. _____

Rge. _____

Land Owner DEEGAN, MARGARET Address GREY CLIFF

Operator HERMAN UTTERMOLE Address " "

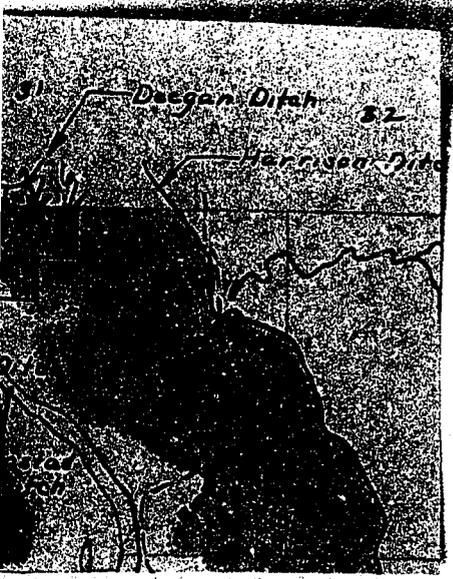
Description _____

Irrigated Land

Non-Irrigated Land

Potential Land Under Existing Facilities

North



50 System Deegan Ditch Source of Water Sweet Grass Co

15in Sweet Grass Present 2 Potential 28 Maximum 36 R ✓ F ✓ P ✓ G ✓ S ✓

0 System _____ Source of Water _____

15in Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____

0 System _____ Source of Water _____

15in Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____

0 System _____ Source of Water _____

15in 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 system _____

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

tion from _____ Date _____

Farm Checked

STATE OF MONTANA

Code No. 60

By Dave & Jim

STATE ENGINEER'S OFFICE

County Sweet Grass

Area Lower Deer Creek

WATER RESOURCES SURVEY

T. 15 R. 16E Sec. 6

Date March 29, 1950

Photo No. MA-13A-159

Legal Land Owner Gunhilda Elgen

Address Grey Cliff

Operator _____

Address _____

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System one ditch Pres. _____ Pot. _____

Totals 43 Part in T15 R16E

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private See app. sheet App. No. _____
Has secured Right For 50 A.C., probably Frost decree - D-150

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 Lower Deer Creek

Acres Irrigated 19.50, 63 acres (part of this is in T15 R16E)

Potential Acres 0 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply _____ Yes _____ No

Explain Creek goes dry in Summer

Topography Creek & River bottom

Information From Ervin Elgen

Remarks see file No 35 also

T15 R16E

(36)

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER IN 3-49 17300

By

State Engineer's Office

Code No. 60

Area

WATER RESOURCES SURVEY

County Sweet Grass

Date

T. 1S R. 16E Sec. 6

Legal Land Owner

Elgen, Gunkilda

Photo No. MA-13A-159

Operator

Same

Address Grayd Cliff

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

Harrison, Al - Guthrie, Robert L.

App. No.

Original Appropriator, Private

Cosgriff, John

App. No.

676, 689, 930

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, unnamed stream

Twp. 1S - R9E. 16E

Acres Irrigated 19

Potential Acres

Seeped

Explain

Condition of System

Adequate Supply

Yes

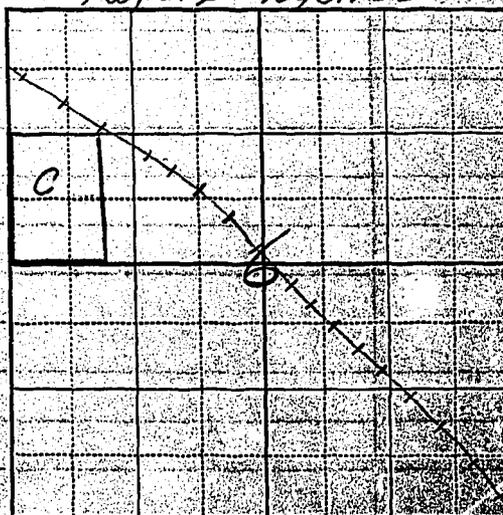
No

Explain

Topography

Information From

Remarks



69

STATE OF MONTANA

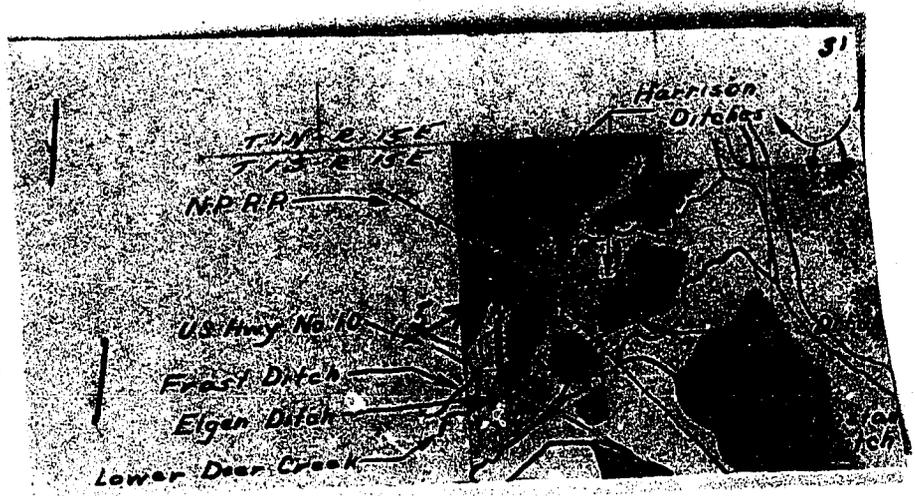
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County SW GRASS
Code No. 5 C

Twp. 1 S Rge. 16 E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner ELGEN, GUNHILDA Address GREY CLIFF
Name of Operator _____ Address _____
Legal Description _____

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



Code No. 6 C System Frost Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 5 Potential 0 Maximum 5 R X F P G X 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 _____

Mr. R. Forster claims that his father took out the appropriation on Gray Cliff Creek but that no ditch was ever constructed because Gray Cliff Creek is dry except after extremely heavy rains.

Lands belonging to Mr. Forster which lie North of the N.P.R.R. are sub-irrigated by the Yellowstone River.

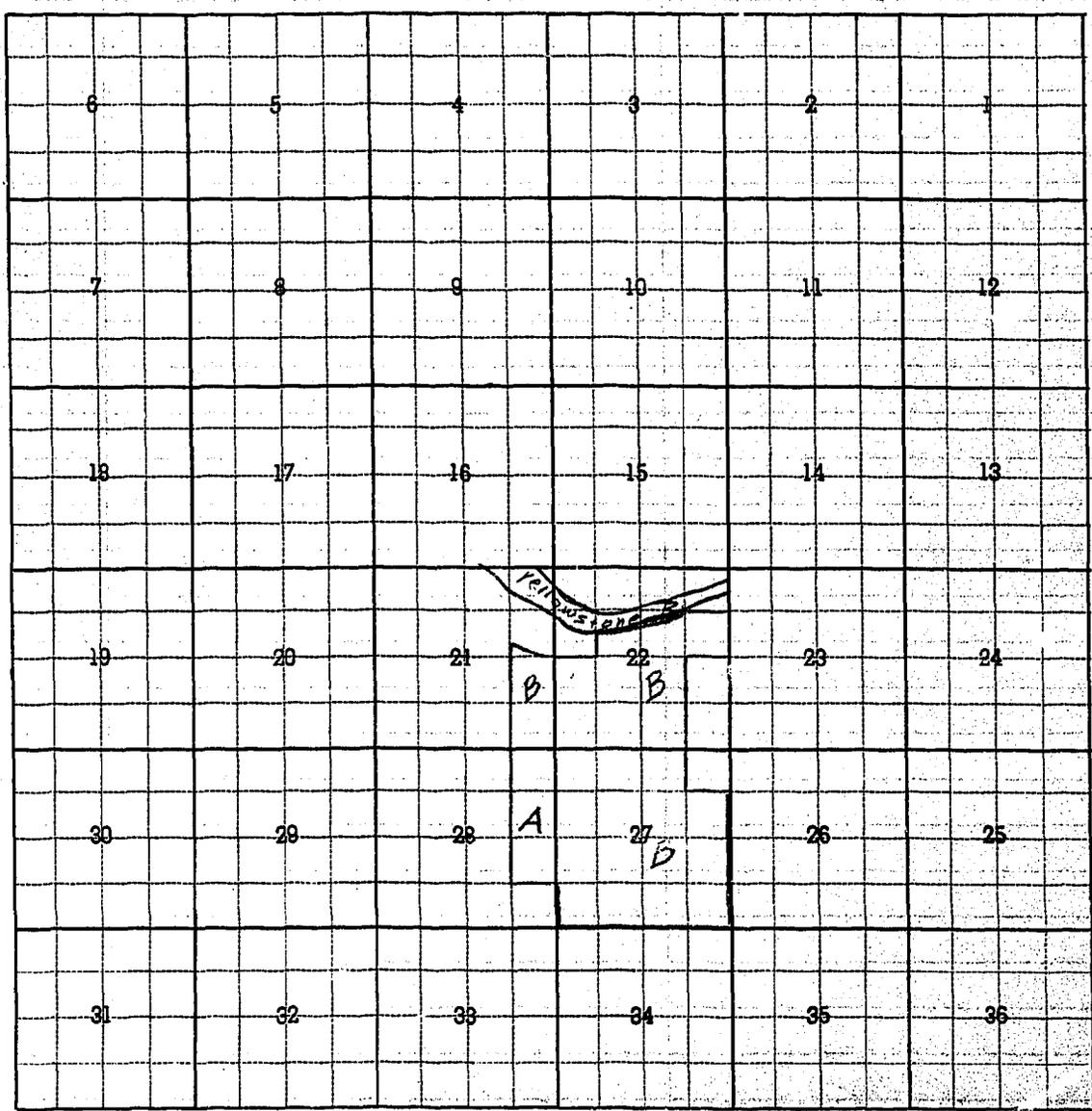
A small spring is located close to his house, the waters of which are used to irrigate a small vegetable garden and if any excess exists it is allowed to run onto lands lying adjacent to the garden.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 South Range 16 East County Sweet Grass



Township _____ Range _____

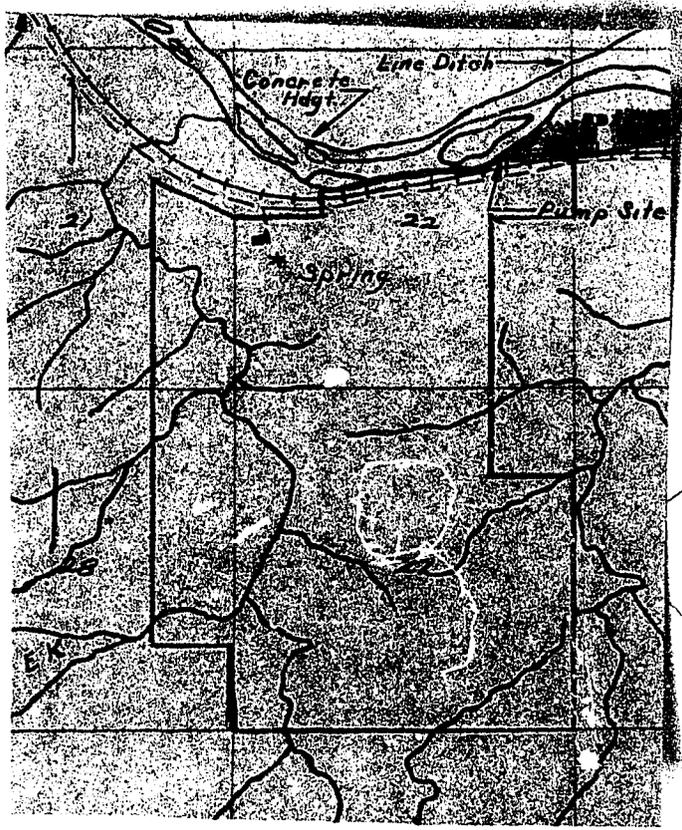
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County, Sweetgrass
Code No. 213-22B-273-
28A

Twp. 15 Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner... FOSTER, RUDOLPH Address GREY CLIFF
Name of Operator... SAME Address " "
Legal Description.....

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



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.....
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 1M 3-49 17380

By

Geo & Ed

State Engineer's Office

Code No. 48-5A

Area

Yellowstone R.

WATER RESOURCES SURVEY

County Sweet Grass

Date

April 6, 1950

T. 18 R. 16E Sec. 3, 4

Photo No. MA-7A-123

Legal Land Owner

Forsythe, H. P.

Address Greycliff

Operator

Same

Address "

Water is delivered by:

Federal Project

Pres.

Pot.

Ditch

Mutual Harrison Ditch Company

Pres. 122

Pot. -

Irrigation District

Pres.

Pot.

Private System

Pres.

Pot.

Totals

Flood

Pump

Reservoir

Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company

Wheaton, Peter M.

App. No.

D-313, D-314, D-312

Original Appropriator, Private

Harrison, W.A. - Forsythe, Andrew

App. No. D-299, D-300

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, (Park Canyon Creek)

Acres Irrigated 1950, 151

Potential Acres 5

Seeped

Explain

Condition of System

Fair - ditches should be cleaned

Adequate Supply

Yes

No

Explain

Topography

1st Bench

Information From

H. P. Forsythe

Remarks

(see reverse side)

50

H. P. Forsythe holds a decree for
168 M.T. in the Harrison Ditch and
uses this water solely to irrigate the
122 acres on his holdings.

No water is used by him from Park
Canyon Creek.

Sheeping operations limited time to
interview Forsythe completely.

AMERICAN BUREAU OF SHEEP AND GOAT RAISING

U. S. DEPARTMENT OF AGRICULTURE

WASHINGTON, D. C.

1917

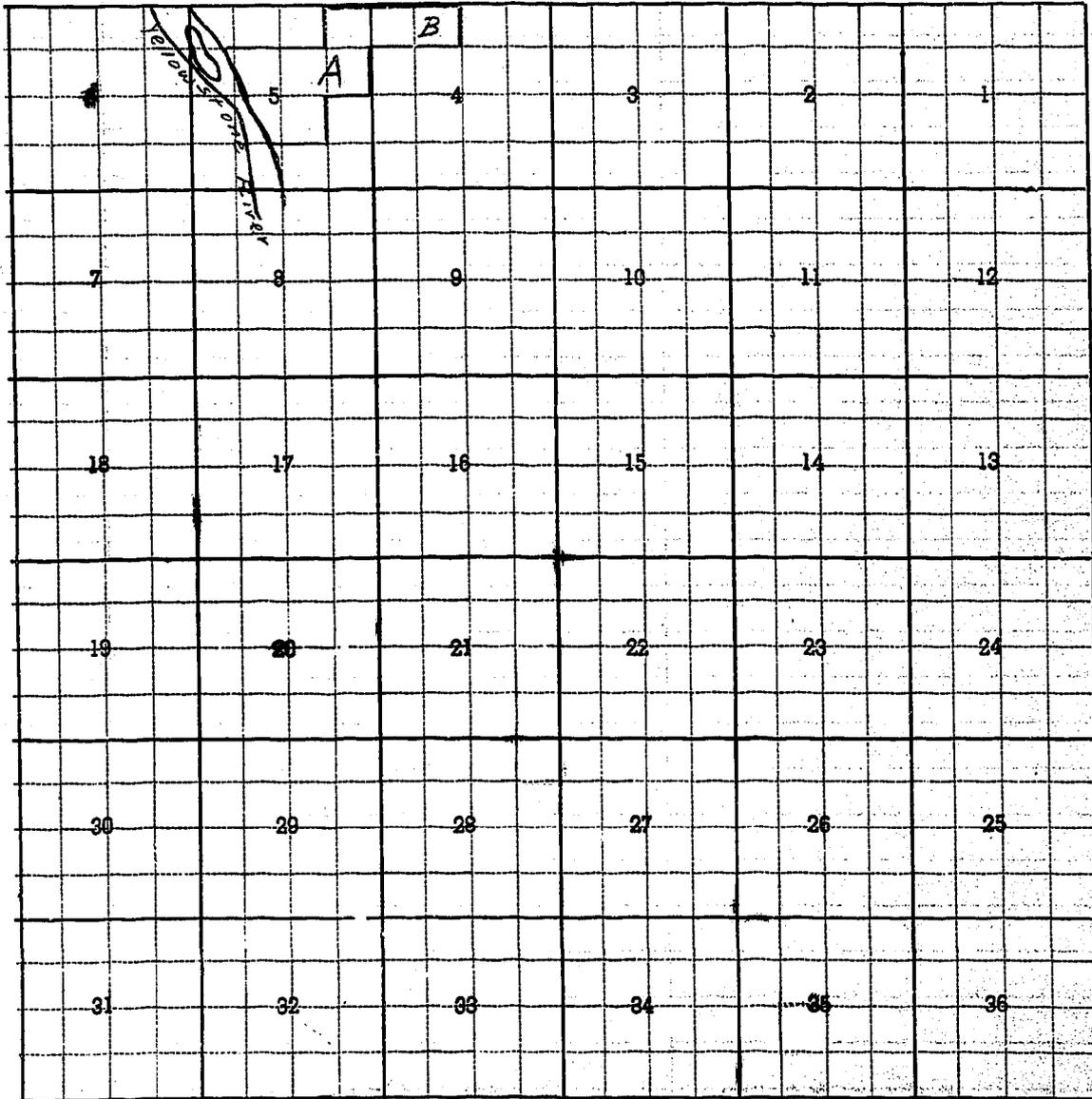
NO. 100

1917

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 South Range 16 East County Sweet Grass



Township _____ Range _____

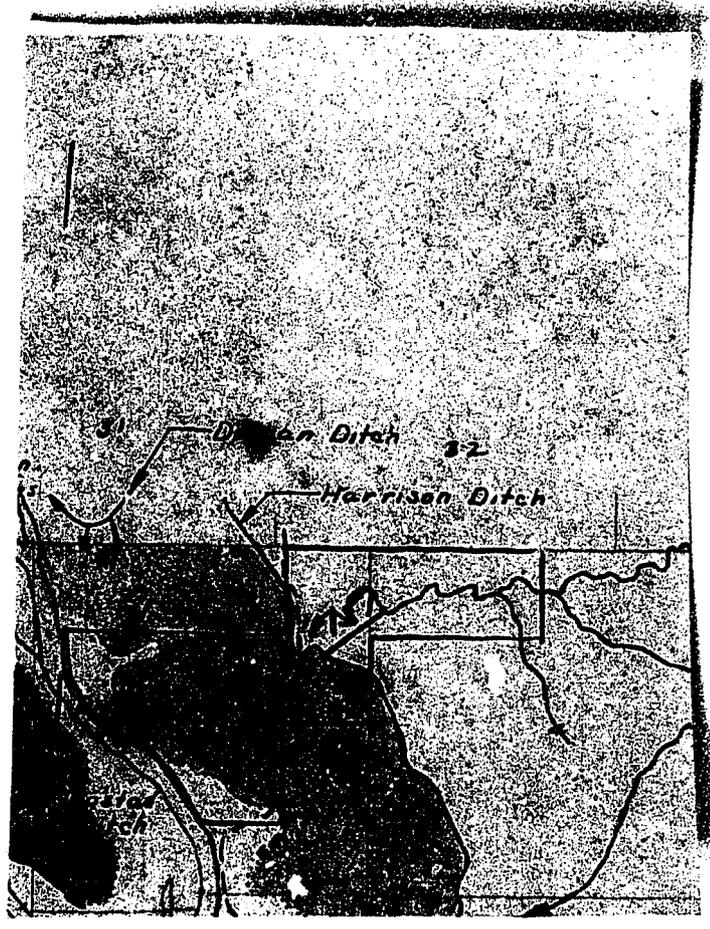
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweet Grass
Code No. 4B-5A

Twp. 19 Rge. 16E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner FORSYTHE, H. P. Address GREY CLIFF
Name of Operator same Address " " "
Legal Description _____

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



Code No. 5A System Harrison mutual Source of Water Sweet Grass Co.
Basin Sweet Grass Present 151 Potential 0 Maximum 151 R. Y F. P G. VS
Code No. 5A System Dugan Ditch Source of Water Sweet Grass Co.
Basin Sweet Grass Present 50 Potential 5 Maximum 5 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

Code No. 6A

By Dave & John

STATE ENGINEER'S OFFICE

County Sweet Grass

Area Lower Deer Creek

WATER RESOURCES SURVEY

T. 15 R. 16E Sec. 6

Date March 29, 1950

Photo No. M-1-13A-139

Legal Land Owner Carrie Harrison

Address Long Beach, Calif.

Operator Philip Elgen

Address Grey Cliff

Water is delivered by:

Federal Project	_____	Pres.	_____	Pot.	_____
Ditch Company	_____	Pres.	_____	Pot.	_____
Irrigation District	_____	Pres.	_____	Pot.	_____
Private System	<u>3 ditches from same dam one on each side of Creek</u>	Pres.	<u>130</u>	Pot.	_____
Totals				_____	_____
Flood	<input checked="" type="checkbox"/>	Pump	_____	Reservoir	_____
Gravity	<input checked="" type="checkbox"/>				

Size and Capacity, Pump, etc.

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private L.W. & T. Kirdash; Louis Walters D-139 App. No. 351

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 Lower Deer Creek

Acres Irrigated 19.50 71

Potential Acres 5 Seeped _____

Explain _____

Condition of System Good

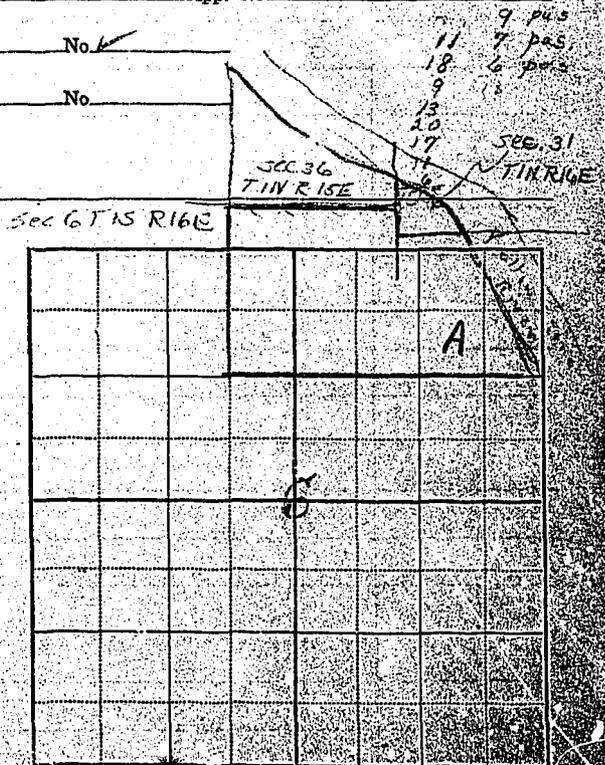
Adequate Supply _____ Yes _____ No

Explain Creek goes dry after duty

Topography Creek in River bottom

Information From Philip Elgen

Remarks Has deeded right (2nd right)



36

Elgen has 1st right of 36 acres
Kabin has part of 1st right

Also in file Nos. 30 + 29

Form Checked

FORM F-1 REPORTER IN 3-49 17380

STATE OF MONTANA

Code No. 6A

By _____

State Engineer's Office

County Sweet Grass

Area _____

WATER RESOURCES SURVEY

T. 15 R. 16E Sec. 6

Date _____

Photo No. MA-13A-159

Legal Land Owner Harrison, Carrie

Address Gray Cliff

Operator Elger, Philip

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 Monroe, L.W. & Tonette

App. No. _____

Original Appropriator, Private Kitosh, Tonette & Walters, Louis
Cosgriff, John (No Priority) to be used every

App. No. D-159, D-235, 35,
676, 689, 930

Is the system an extension of another system? Harrison, Al Yes _____ No 4 days

Guthrie, Robert L.

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

(If No, show break down on map)

Source of Water Lower Deer Creek, Spring Cr., Unnamed Stream

TWP 15 - R9E 16E

Acres Irrigated 19 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

50