

Farm Checked

STATE OF MONTANA

Code No. MA-2A-3A-10A

By F.C. + ~~W.A.~~

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweetgrass Cr.

WATER RESOURCES SURVEY

T. 2N R. 16E Sec. 1,2,3,10

Date 6-27-50

Photo No. MA-9A-181
MA-2A-118-119

Legal Land Owner FEDERAL LAND BANK

Address BIG TIMBER

Operator 90 ALLESTAD, LUDWIG

Address " "

Water is delivered by:

Federal Project	_____	Pres	_____	Pot	_____
Ditch Company	_____	Pres	_____	Pot	_____
Irrigation District	_____	Pres	_____	Pot	_____
Private System	_____ <input checked="" type="checkbox"/>	Pres	_____	Pot	_____
		Totals	_____		_____
Flood	_____	Pump	_____	Reservoir	_____
				Gravity	_____ <input checked="" type="checkbox"/>

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Raisland, Sivert B. Raisland, Christine App. No. D-369
" Sivert App. No. 890 D-370

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) 2 systems - 1 on each side of Wild Cat Cr.

Source of Water Wild Cat Cr.

Acres Irrigated 19 50 27

Potential Acres 30 Seeped _____

Explain _____

Condition of System Good

Adequate Supply Yes _____ No

Explain _____

Topography Benehland

Information From Ludwig Allestad

Remarks over

Allestad said there was insufficient supply of water even in normal years. More land under existing ditches could be irrigated if more water was available.

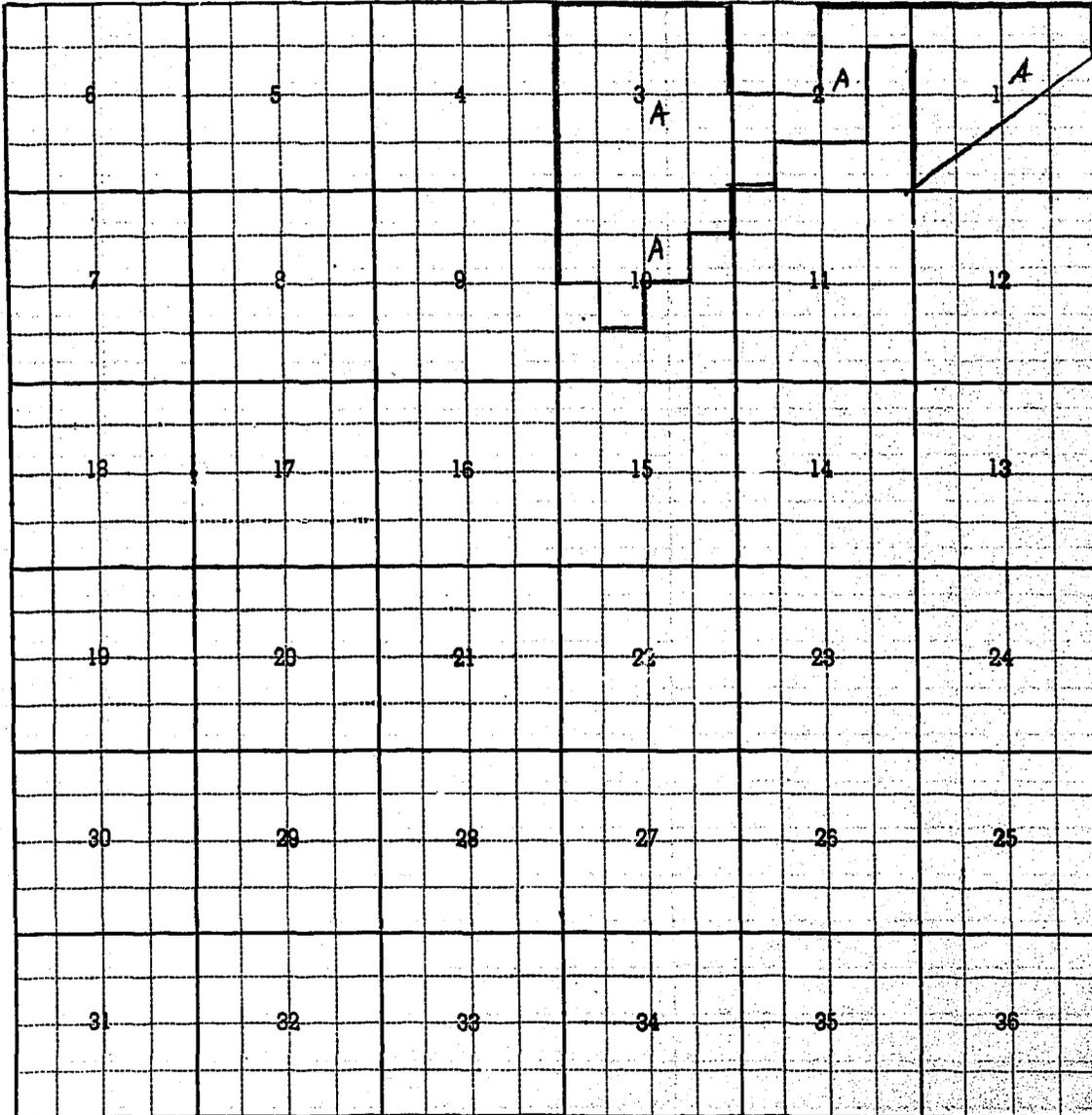
UNITED STATES DEPARTMENT OF AGRICULTURE
CIVIL ENGINEER'S OFFICE
WASHINGTON, D. C.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass



Township 2 N. Range 16 E

(23)

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

County Sweetgrass

Code No. _____

1A-2A-3A-10A

Twp. 24 Rge. 10E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

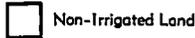
Name of Land Owner FEDERAL LAND BANK Address BIG TIMBER

Name of Operator % ALLESTAD, LUDWIG Address _____

Legal Description _____



Irrigated Land

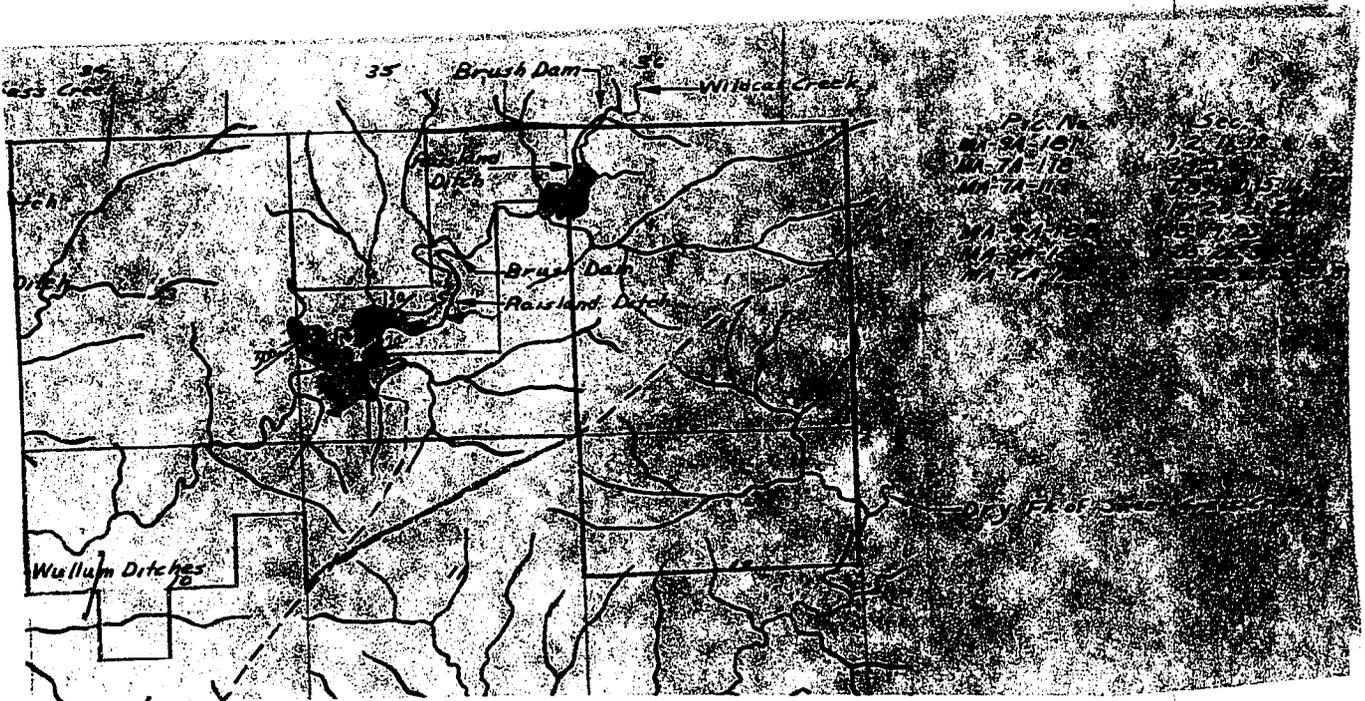


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 101 201 System Raisland Ditch Source of Water Wildcat Creek

Basin Sweet Grass Present 12 Potential 0 Maximum 12 R. F. P. G. S.

Code No. 201 System Raisland Ditch Source of Water Wildcat Creek

Basin Sweet Grass Present 15 Potential 30 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

STATE OF MONTANA

Code No. 43

By B.B. EC. M.T.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Cr.

WATER RESOURCES SURVEY

T. 2 N. R. 16 E Sec. 4

Date 7-6-60

Photo No. MA-7A-118

Legal Land Owner FED. LAND BANK

Address BIG TIMBER

Operator FR. JONES, FRANCIS

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Folgleson Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump Reservoir _____ Gravity

Size and Capacity, Pump, etc. (over)

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Folgleson, Benjamin App. No. 774

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

Is all land irrigated from one system? Yes _____ No (See form - Jones Charles - 2N-16E)

(If No, show break down on map)

Source of Water Sweetgrass Cr.

Acres Irrigated 19.50 None

Potential Acres 10 Seeped _____

Explain (over)

Condition of System poor

Adequate Supply Yes _____ No

Explain _____

Topography _____

Information From Mrs. Jones

Remarks over

The Falderson Ditch is not now in use due to it's poor repair. To our knowledge, no decreed right is held by Jones for any ditches on his lands.

Four attempts were made to contact Mr. Jones, all being unsuccessful. Mrs. Jones knew very little of the systems, but did inform us that neither of their ditches are now in use or have been for quite some time.

(See farm on Chas Jones in same section)

CIVIL ENGINEERING OFFICE

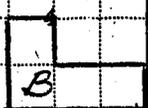
STATE OF MONTANA

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



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Township 2N Range 16E

(23)

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

4B

Twp. 2N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner FED. LAND BANK Address Big Timber

Name of Operator FRANCIS JONES Address " "

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 4B System Falpleson Ditch Source of Water Sweet Grass Cr.

Basin Sweet Grass Present 0 Potential 10 Maximum 10 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 Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass

Code No 20A

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

Name of Land Owner Sigurd Hanson Address _____
Name of Operator " " Address _____
Legal Description _____

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



Code No. <u>20A</u>	System <u>Birkeland Ditch</u>	Source of Water <u>Sweet Grass Cr.</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"/>
Code No. <u>20A</u>	System <u>Marsteid 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>20A</u>	System <u>Patterson Ditch</u>	Source of Water <u>Hamilton Creek</u>
Basin <u>Sweet Grass</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 _____

Farm Checked

STATE OF MONTANA

Code No. 4A

By B.B.-E.C.-M.T.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Co.

WATER RESOURCES SURVEY

T. 2N. R. 16E Sec 4

Date 7-6-50

Photo No. MA-9A-718

Legal Land Owner JONES, CHAS. E.

Address BIG TIMBER

Operator JONES, FRANCIS

Address " "

Water is delivered by:

Federal Project	_____	Pres.	_____	Pot.	_____
Ditch Company	_____	Pres.	_____	Pot.	_____
Irrigation District	_____	Pres.	_____	Pot.	_____
Private System	<u>Unnamed Ditch</u>	Pres.	_____	Pot.	_____
	<u>Folsleson Ditch</u>	Pres.	_____	Pot.	_____
	_____	Totals	_____		_____
Flood	_____	Pump	<input checked="" type="checkbox"/>	Reservoir	_____
				Gravity	<input checked="" type="checkbox"/>

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Folsleson, Benjamin App. No. 774

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 Cr.

Acres Irrigated 19.50 0

Potential Acres 12 Seeped _____

Explain _____

Condition of System Poor

Adequate Supply Yes _____ No

Explain _____

Topography _____

Information From Mrs. Francis Jones

Remarks over

23

The Falglesen ditch is not now in use due to its poor repair. The last time it was in use a pump was used to lift the water from Sweet Grass Creek approximately 10 feet to the head of the ditch. No decreed right is held for the ditch.

An unnamed ditch, also without a decreed right, is located in the W²NW⁴ of Sec 4 - 2N-16E. This ditch, likewise, has not been in use for many years.

Four attempts were made to contact Mr. Jones, all being unsuccessful. Mrs. Jones supplied us with what information that was available to her.

AGRICULTURAL MECHANICAL ENGINEER
CIVIL ENGINEER
STATE OF MONTANA

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass

6	5	A	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	

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Township 2 N. Range 16 E.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

4A

16E

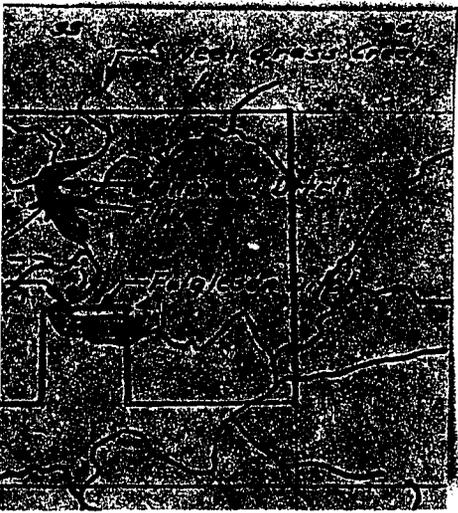
Owner JONES, CHAS. E. Address Big Timber

JONES, FRANCIS Address _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



4A System Unnamed Ditch Source of Water Sweet Grass Cr.
Sweet Grass Present 0 Potential 11 Maximum 11 R F P G S

4A System Falgleson Ditch Source of Water Sweet Grass Cr.
Sweet Grass Present 0 Potential 1 Maximum 1 R F P G S

System _____ Source of Water _____
 Present _____ Potential _____ Maximum _____ R F P G S

System _____ Source of Water _____
 Present _____ Potential _____ Maximum _____ R F P G S

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

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

Date _____

Farm Checked

STATE OF MONTANA

Code No. 7A

By BB-80-M.T.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Cr.

WATER RESOURCES SURVEY

T. 2N. R. 16E Sec. 7

Date 7-6-50

Photo No. MA-7A-119

Legal Land Owner JONES, FRANCIS

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 _____ App. No. P-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 Sweetgrass Cr.

Acres Irrigated 19

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

*no rights
no ditches
no irrigation*

(23)

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 A	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

23

Township 2 N. Range 16 E.

Farm Checked

STATE OF MONTANA

Code No. 31A-32A-33A

By Ed + Bill

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Cr.

WATER RESOURCES SURVEY

T. 2N. R. 16E. Sec. 31, 32, 33

Date June 3, 1950

Photo No. MA-7A-120

Legal Land Owner MALINOFF, GEO.

Address HARLOWTON

Operator Titica Bros.

Address Gray Cliff

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. Birkeland, Gunder Dexter App. No. 751 D-347

Original Appropriator, Private Cameron, John J. & Solberg, Sam " App. No. 755 D-348

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 Cr.

Acres Irrigated 19.50 22

Potential Acres 57 Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

Explain _____

Topography _____

Information From Titica Bros & Norman Norman

Remarks See Master field form in TIN RIBE - also other side

23

Gundes Birkeland filed an appropriation for 200 ac ± from the Sweet Gravel Creek for use on lands in the NE¹-32-2N-10E. Construction of the 5 mile ditch was completed and water turned into the ditch. Due to the great distance the water was forced to traverse over and thru shaly cliffs, no waters ever reached the designated intended place of use and the entire system was immediately abandoned.

Information on other systems will be found on the master form in TIN-
R 16 E.

UNITED STATES DEPARTMENT OF AGRICULTURE
DIVISION OF SOIL CONSERVATION
WASHINGTON, D. C.

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	23	24
30	29	28	27	26	25
<u>31</u> ^A	<u>32</u> ^A	<u>33</u> ^A	34	35	36

Township 2 N. Range 16 E.

(23)

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County, Sweetgrass

Code No. _____

31A-32A-33A

Twp. 2N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner MALINOFF, GEO. Address HARLOWTON

Name of Operator TITICA BROS. Address Gray Cliff

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>33A</u>	System <u>Page Ditch (not in use)</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>24</u> Maximum <u>24</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>33A</u>	System <u>Salberg-Cameron Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>22</u> Potential <u>0</u> Maximum <u>22</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>33A</u>	System <u>Rastad Ditch</u>	Source of Water <u>Sweet Grass Cr.</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>33</u> Maximum <u>33</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>

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. 22B-23A-24A-26A-27A

By G.M. & E.C.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Cr.

WATER RESOURCES SURVEY

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

Date 12-16-50

Photo No. MA-7A-119 MA-7A-120
MA-9A-152 MA-9A-153

Legal Land Owner MESSING, LARS

Address BIG TIMBER

Operator _____

Address _____

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Messing - Ripley Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company A.P.A. Decker App. No. _____

Original Appropriator, Private Gottlob, Frank Gottlob, Frank App. No. 772 D-307
Wullum, Carl " " App. No. 841 D-308

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 Cr.

Acres Irrigated 19.50 38

Potential Acres 53 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply Yes No _____

Explain _____

Topography 1st bench

Information From Mr. Messing

Remarks over

Messing uses waters appropriated by Frank Gottlieb upon lands under the Messing-Ripley Ditch

The old Wullum Ditch taking out of the East Fork of Sweet Grass Creek is nearly obliterated, but could be put into use if the system were repaired.

CIVIL ENGINEER'S OFFICE

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sandwich

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

Handwritten annotations on the grid:
- Section 22 is labeled 'B'.
- Section 23 is labeled 'A'.
- Section 24 is labeled 'A'.
- Section 27 is labeled 'A'.
- Section 29 is labeled 'A'.
- A thick black line outlines sections 22, 23, 24, 27, 28, and 29.

Township 2 N. Range 16 E.

(23)

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County, Sweetgrass

Code No. _____

22B-23A-24A-

26A-27A

Twp. 2N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner. MESSING, LARS Address. 1312 Timber

Name of Operator. Same Address. " " "

Legal Description. _____



Irrigated Land

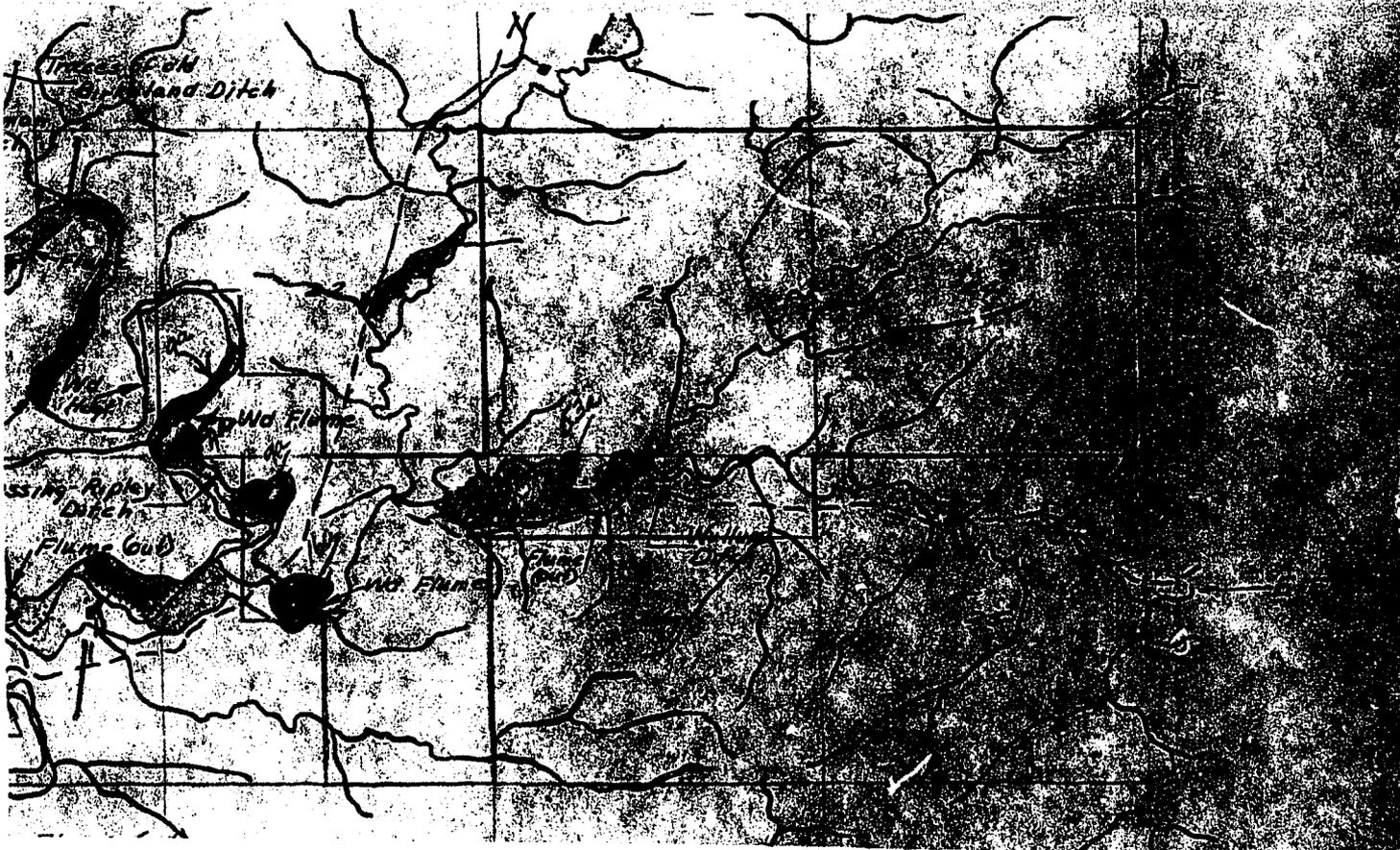


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 26A-27A System Wallace Ditch Source of Water East Hk. Sweet Grass Cr

Basin Sweet Grass Present 0 Potential 33 Maximum 53 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓

Code No. 22B-24A System Messing-Ripley Ditch Source of Water Sweet Grass Cr

Basin Sweet Grass Present 0 Potential 0 Maximum 28 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. 5A

By E.C. IVE

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweetgrass Cr.

WATER RESOURCES SURVEY

T. 2N R. 16E Sec. 5

Date 6-30-50

Photo No. MA-7A-118

Legal Land Owner NEVIN, THOS. Address RIG 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 William, Henry App. No. D-367
" " App. No. D-371

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 Cr., Wild Cat Cr. *not near*

Acres Irrigated 19 _____ None

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply _____ Yes _____ No _____

Explain _____

Topography _____

Information From Tom Nevin

Remarks Duer

There are no ditches in Sec 5, and, to the knowledge of Mr Nevin, have never been.

See field Form in T3N-R16E for irrigation on lands belonging to T. Nevin

UNITED STATES DEPARTMENT OF AGRICULTURE
CIVIL ENGINEER OFFICE
BUREAU OF RECLAMATION

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass

6	5 A	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

Township 2 N. Range 16 E.

Farm Checked

STATE OF MONTANA

Code No. 14A

By GM & E. C

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Creek

WATER RESOURCES SURVEY

T. 24 R. 16E Sec. 14

Date 6-13-57

Photo No. MA-9A-182

Legal Land Owner NORMAN, GUSTAV

Address BIG TIMBER

Operator " "

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Norman Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. None

Original Appropriator, Company APP. App. No. Decree

Original Appropriator, Private Norman, Johanna App. No. 809 D-340

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) Dry Fork. of

Source of Water Sweetgrass Cr.

Acres Irrigated 19 50 34

Potential Acres 12 Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No

Explain water until July 1.

Topography _____

Information From Gustav Norman

Remarks _____

Gustav Norman irrigates 16 acres of
hay which lie under the Norman ditch
waters for this ditch are taken from the
Dry Fork of Sweet Grass Creek according
to the John Norman decree of 100 m. ft.
The supply, however, is inadequate
because the stream runs dry towards
the end of June.

STATE ENGINEER'S OFFICE

STATE OF MONTANA

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
13	17	16	15	14 A	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

23

Township 2N Range 16E

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. 14A

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

Name of Land Owner NORMAN, GUSTAV Address BIG TIMBER
Name of Operator SAME Address " "
Legal Description _____

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



Code No. 14A System Norman Ditch Source of Water Dry Fk Sweet Grass Cr.
Basin Sweet Grass Present 3A Potential 12 Maximum 4.6 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

Code No. 11B-14B-21A

By C.M. & E.C.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweetgrass Co.

WATER RESOURCES SURVEY

T. 2N R. 15E Sec. 11, 12, 21

Date 6-13-50

MA-9A-151-182
Photo No. MA-2A-119

Legal Land Owner NORMAN, NORMAN

Address BIG TIMBER

Operator " "

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Norman Ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Norman, John App. No. D-339, MO

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 Co.

Acres Irrigated 1950, 28

Potential Acres 8 Seeped _____

Explain _____

Condition of System good

Adequate Supply Yes No _____

Explain _____

Topography river bottom

Information From Norman, Norman

Remarks _____

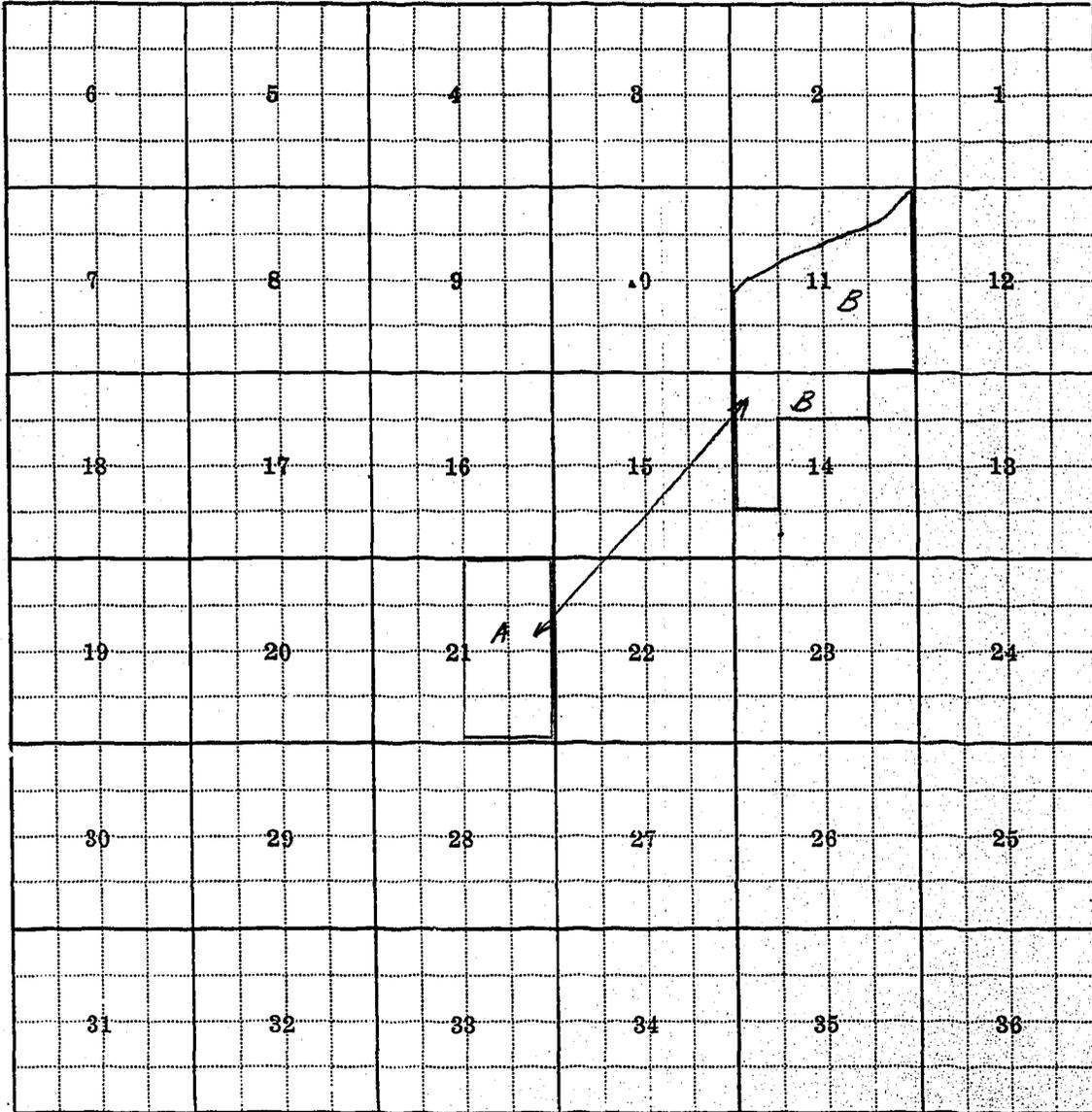
- over -

Norman's ditch takes out of E. bank
of Sweet Grass Creek in Sec 17, thence
the creek in Sec 21, and thence thence
his lands irrigating lands lying below
it. Thru this ditch is run the G.O.M.T.
decreed to John Norman from the
Sweet Grass Creek

CIVIL ENGINEERS OFFICE
CIVIL ENGINEERS OFFICE
CIVIL ENGINEERS OFFICE

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass



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.....
.....
.....

Township 2 N. Range 16 E

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass

Code No. _____

11B-14B-21A

Twp. 2N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

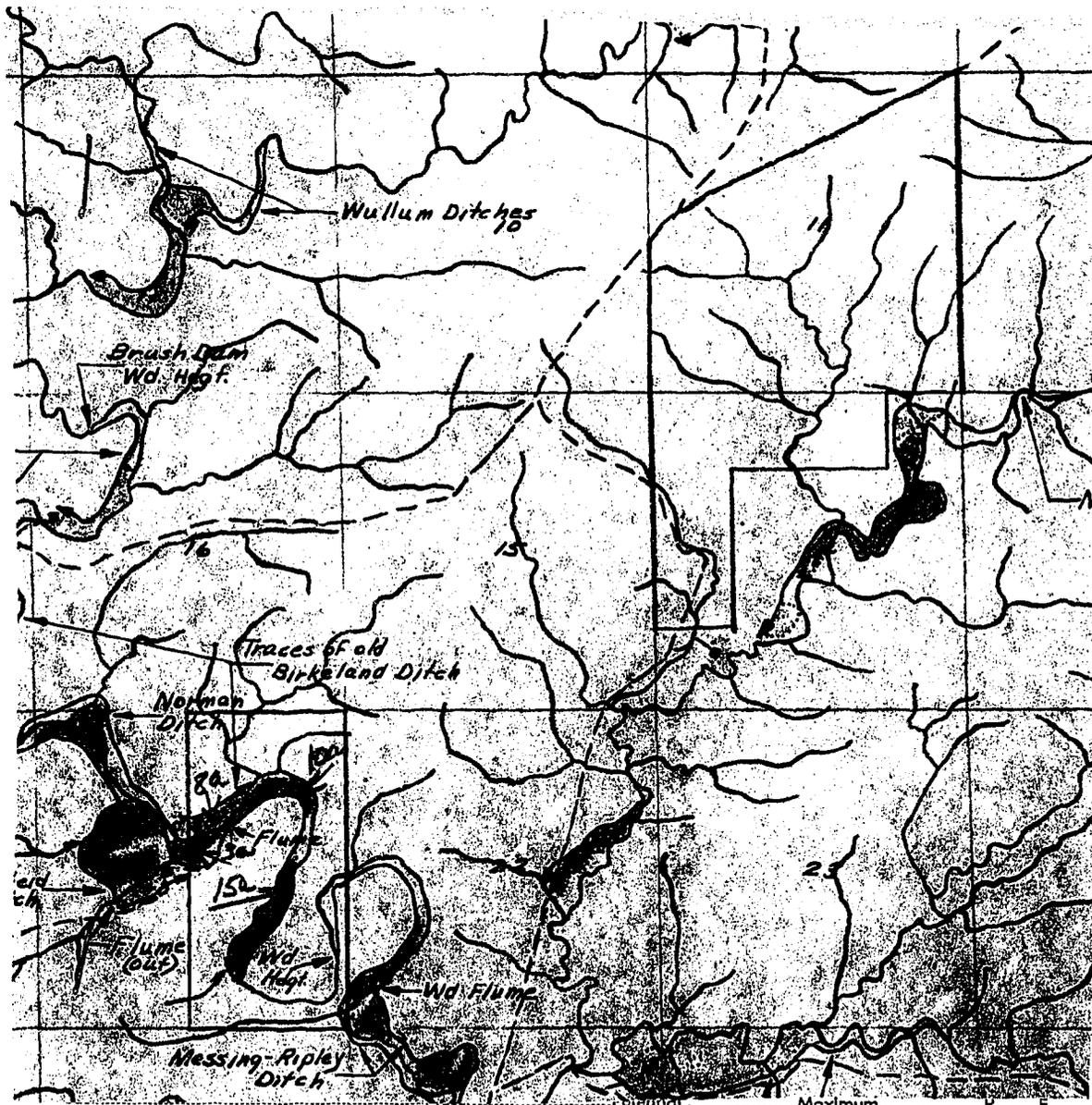
Name of Land Owner NORMAN, NORMAN Address P.O. TIMBER

Name of Operator BRINE 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. _____

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
 Rge. 105
 Rge.
 Rge.

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

County Sweetgrass
 Code No. 11B-14B-21A

Owner NORMAN, NORMAN Address BIG TIMBER
 Address " " "

Non-Irrigated Land
 North
 Potential Land Under Existing Facilities



Basin	<u>211</u>	System	<u>Norman Ditch</u>	Source of Water	<u>Sweet Grass Cr.</u>
Basin	<u>Sweet Grass</u>	Present	<u>28</u>	Potential	<u>0</u>
Code No.	<u>211</u>	System	<u>Birkeland Ditch</u>	Source of Water	<u>Sweet Grass Cr.</u>
Basin	<u>Sweet Grass</u>	Present	<u>0</u>	Potential	<u>8</u>
Code No.		System		Source of Water	
Basin		Present		Potential	
Code No.		System		Source of Water	
Basin		Present		Potential	

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
FARM MAP

County Sweetgrass
Code No. 22

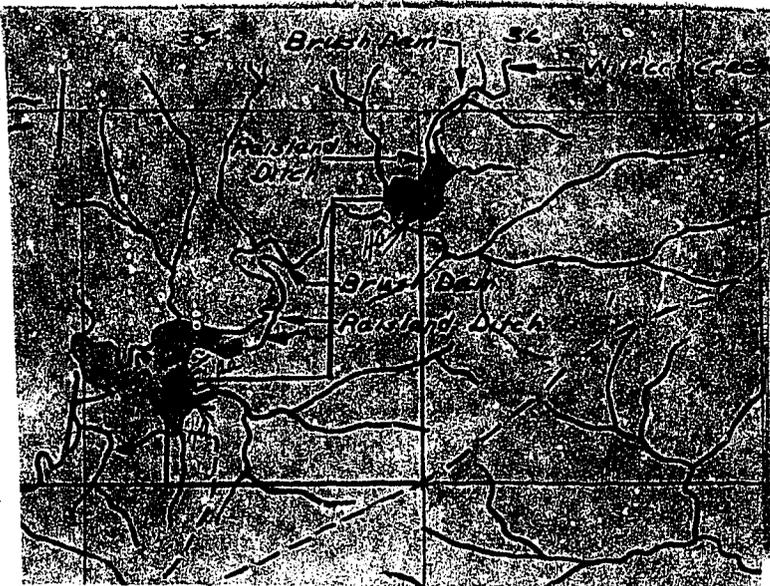
Twp. 2N Rge. 10E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner..... Bertha Raistland Address.....
Name of Operator..... Berhard Lion Address.....
Legal Description.....

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. 22 System Raistland Ditches Source of Water Wildcat Creek
Basin Sweetgrass Present 7 Potential 4 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 _____

Farm Checked

STATE OF MONTANA

Code No. 12B-19A-27B-28A-29A

By G.M. & E.C.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweetgrass Cr.

WATER RESOURCES SURVEY

T. 2N R. 16E Sec. MA-7A-181-182

Date 6-6-50

Photo No. MA-7A-120

Legal Land Owner THOMPSON, CARL

Address Big Timber

Operator G. Ripley, W.M.

Address " "

Water is delivered by:

Federal Project	_____	Pres	_____	Pot	_____
Ditch Company	_____	Pres	_____	Pot	_____
Irrigation District	_____	Pres	_____	Pot	_____
Private System	Messing - Ripley Ditch	Pres	_____	Pot	_____
Totals		_____			
Flood	_____	Pump	_____	Reservoir	_____
				Gravity	<input checked="" type="checkbox"/>

Size and Capacity, Pump, etc.

Original Appropriator, Company	APP. ¹⁸² Gottlob, Frank	Decree	App. No.	182-2-307
Original Appropriator, Private	Madem, Hans	" "	App. No.	1065-2-308

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 Cr., Unnamed Spring

Acres Irrigated 19. 50 23

Potential Acres 73 Seeped _____

Explain _____

Condition of System Poor

Adequate Supply Yes _____ No

Explain Flumes out

Topography 1st bench

Information From Mrs. Ripley

Remarks - over -

No lands on the Ripley place are under irrigation on the east side of Sweet Grass Creek due to the poor condition of the system (Flumes out); however, the Messing-Ripley Ditch which branches in the SW⁴SW⁴Sec 22, T2N-R16E traverses both banks of the stream, and on the west bank irrigates lands lying below it along that portion of the ditch now in operation.

Ripleys have not resided on the land for more than a few years and have not been able to repair the system; however they plan to replace or repair the flumes in the future, thus transforming the potential lands into irrigated lands.

Frank Gottlieb was the appropriator for the waters used by Ripley from the Sweet Grass Creek.

The Ripleys have no knowledge of the appropriation made by Hans Udum on an unnamed spring.

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

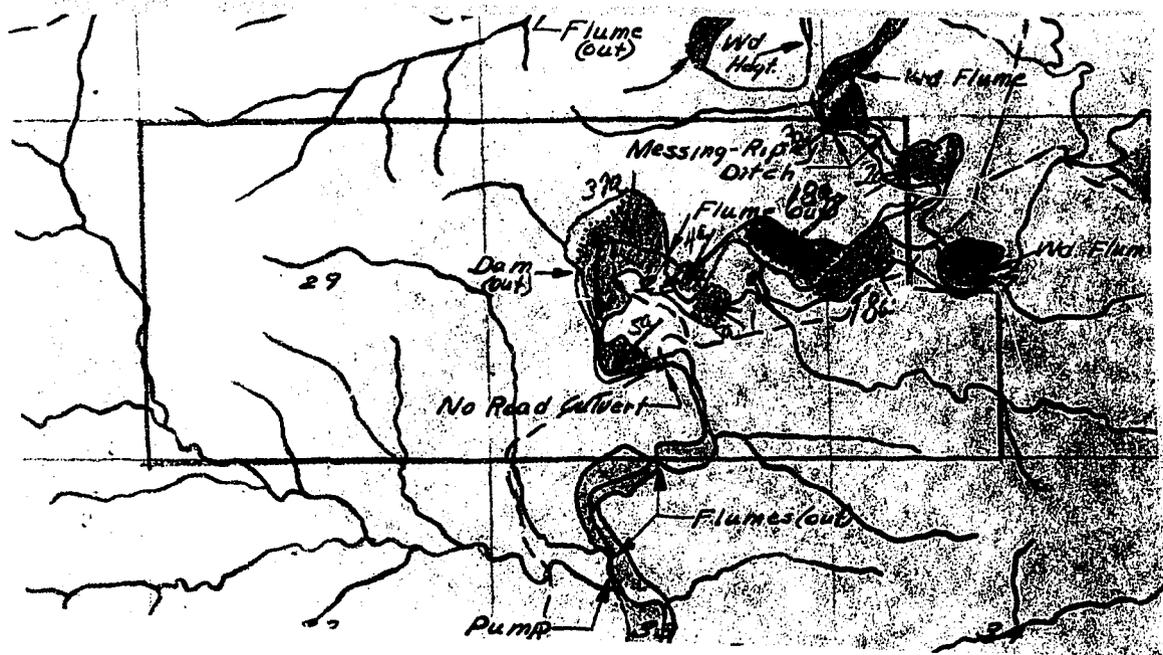
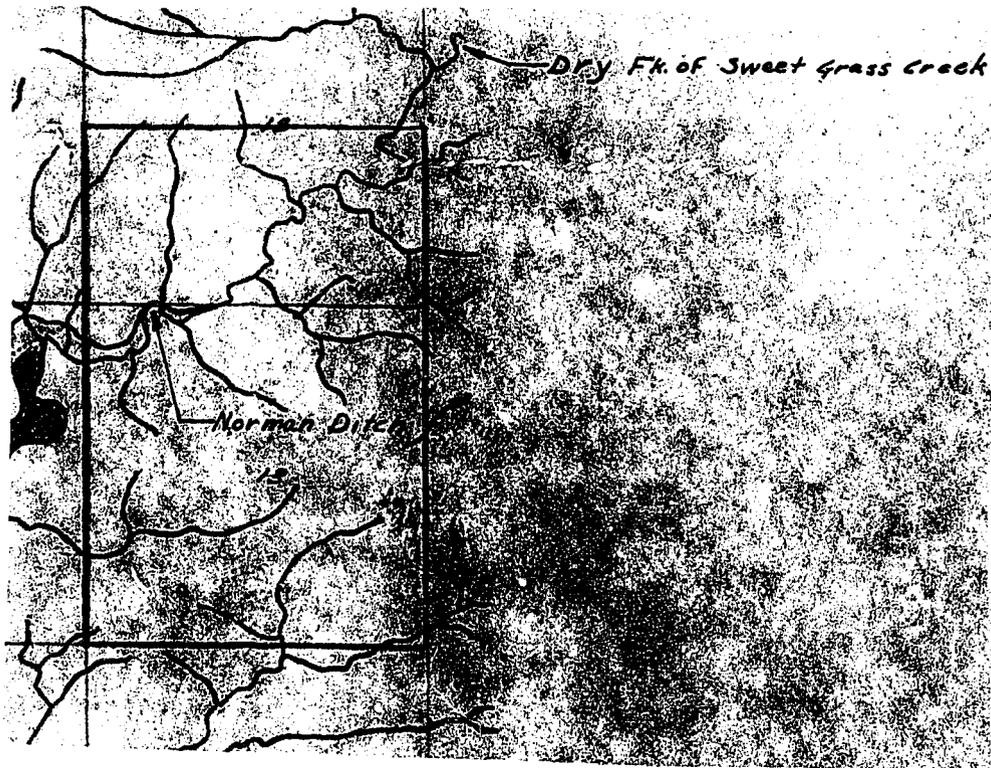
Township 2 NORTH Range 16 EAST County Sweetgrass

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

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Township 2 N Range 16 E

(23)



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

County Sweetgrass
Code No. 12B-13A-275-28A
29A

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

Name of Land Owner THOMPSON, CARL Address Big Timber
Name of Operator E/O RIPLEY, W.M. Address " "
Legal Description _____

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

Code No. 27A, 28A System Messing-Ripley Ditch Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 23 Potential 109 Maximum 92 R F P G S
Code No. 28A System Pope Ditch (not in use) 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 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. 15A-20B-20C-21B-3D

By G.M. & E.C.

STATE ENGINEER'S OFFICE

County Sweetgrass

Area Sweet Grass Cr.

WATER RESOURCES SURVEY

T. 2N R. 16E Sec. MA-7A 119

Date 6-12-57

Photo No. MA-7A-120

Legal Land Owner TWIDALE, J. W.

Address BIG TIMBER

Operator " "

Address " "

Water is delivered by:

Federal Project	_____	Pres.	_____	Pot.	_____
Ditch Company	_____	Pres.	_____	Pot.	_____
Irrigation District	_____	Pres.	_____	Pot.	_____
Private System	<u>unnamed</u>	Pres.	<u>60</u>	Pot.	_____
Totals _____					
Flood	_____	Pump	_____	Reservoir	_____
				Gravity	<input checked="" type="checkbox"/>

Size and Capacity, Pump, etc. _____

Original Appropriator, Company Peterson, Peter M. App. No. 271 - D-336

Original Appropriator, Private " " " App. No. 272 - D-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 Cameron Cr., Sweetgrass Cr.,

Acres Irrigated 19.50 44

Potential Acres 19 Seeped _____

Explain _____

Condition of System fair

Adequate Supply Yes No _____

Explain _____

Topography 1st bench

Information From J. W. Twidale

Remarks _____

-over-

little information could be secured from Twidale because of branding operations which were taking place when he was eventually contacted.

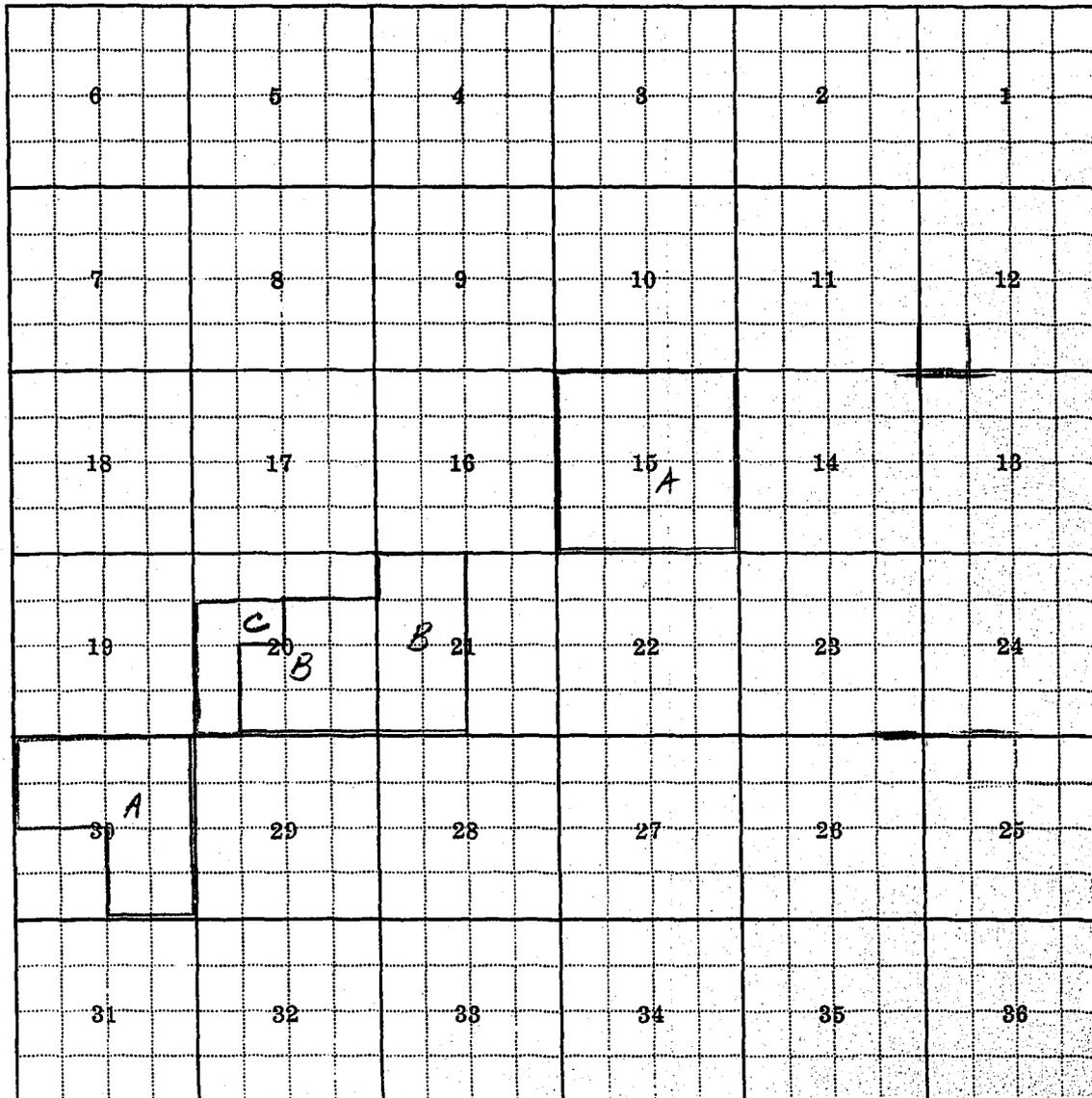
Two appropriations were made by Peterson on waters from Cameron Creek. According to Norman Norman the ditches were dug and the water actually used. These ditches have not been used for many years; however, Twidale contemplates their use in the future. We could locate only one of these two ditches, the one heading in the North Fork of Cameron Creek in Sec 30 - 2N-16E. It remains as only a trace; and if reclaimed it would have to be completely reconstructed.

At the present time Twidale is using waters from the Sweet Grass Creek under the Morstein Right. All lands irrigated on his ranch are irrigated from this one system.

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 NORTH Range 16 EAST County Sweetgrass



(23)

Township 2 N. Range 16 E.

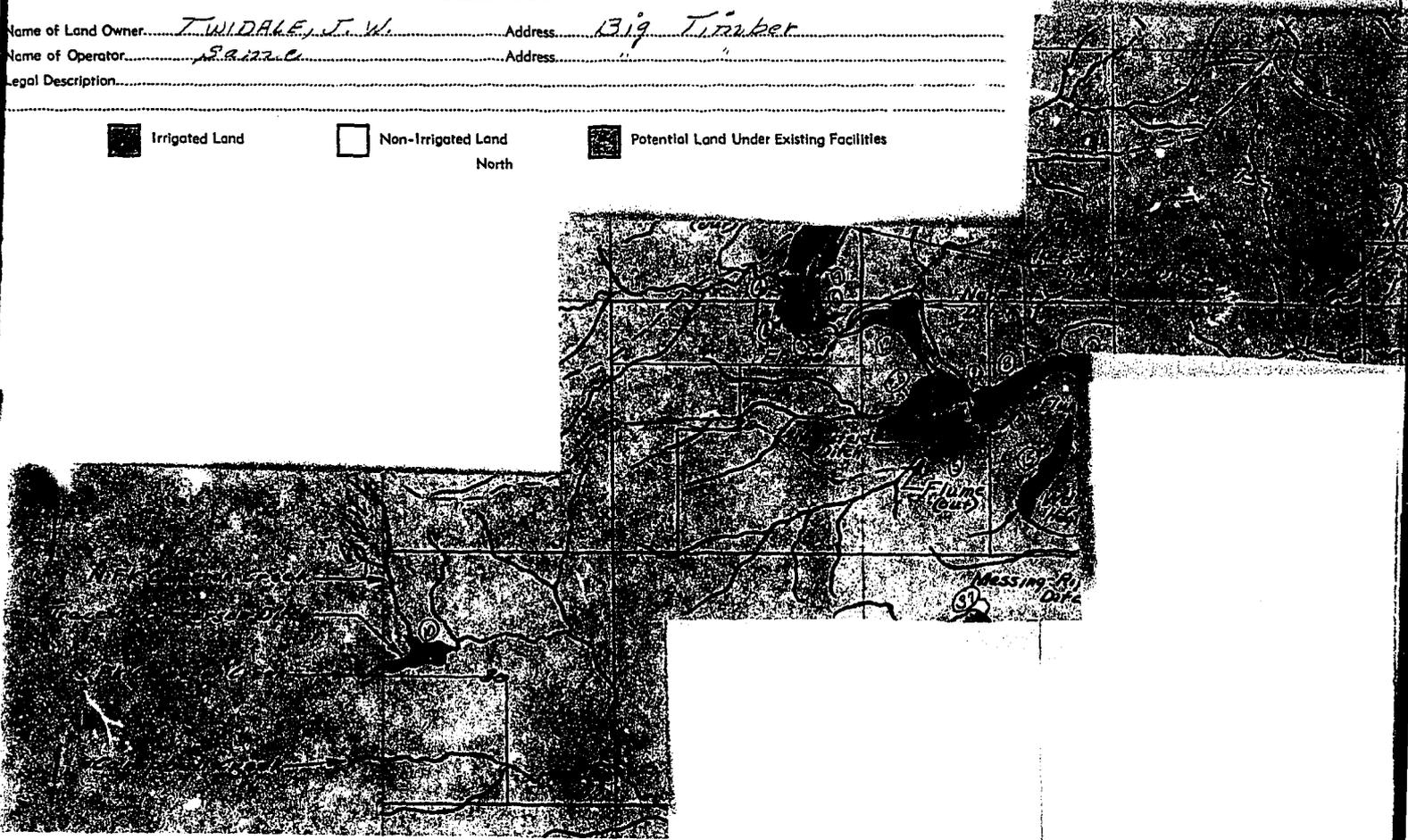
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass
Code No. 15A-20B-200-21B-30A

wp. 214 Rge. 16E
wp. _____ Rge. _____
wp. _____ Rge. _____

Name of Land Owner T. WIDALEY, J. W. Address 1319 Timber
Name of Operator same Address _____
Legal Description _____

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



Code No. 30A System Peterson Ditch Source of Water trib. to Sw. Gr. Cr. S. H. Cameron Creek
Basin Sweet Grass Present 2 Potential 10 Maximum 10 R. F. P. G. S.
Code No. 21B System Norman Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 2 Potential 2 Maximum 5 R. F. P. G. S.
Code No. 21B System Maxstead Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 4 Potential 5 Maximum 4.6 R. F. P. G. S.
Code No. 21B System Sichel and Ditch Source of Water Sweet Grass Creek
Basin Sweet Grass Present 2 Potential 2 Maximum 2 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 _____

Area _____

Date _____

Legal Land Owner _____

Operator _____

Water is delivered by:

Federal Project _____

Ditch Company _____

Irrigation District _____

Private System _____

Flood _____

Pump _____

Reservoir _____

Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____

Original Appropriator, Private _____

Is the system an extension of another system? _____

Is all land irrigated from one system? _____

(If No, show break down on map)

Source of Water _____

Acres Irrigated 19 _____

Potential Acres _____

Seeped _____

Explain _____

Condition of System _____

Adequate Supply _____

Yes _____

No _____

Explain _____

Topography _____

Information From _____

Remarks _____

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Code No. _____

County _____

T. _____

R. _____

Sec. _____

Photo No. _____

Address _____

Address _____

Pres. _____

Pot. _____

Pres. _____

Pot. _____

Pres. _____

Pot. _____

Pres. _____

Pot. _____

Totals _____

App. No. _____

App. No. _____

Yes _____

No _____

Yes _____

No _____

Campbell Cr. (Stock Water from Spring)

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	23	24
30 8	29	28	27	26	25
31	32	33	34	35	36

(23)

Township 2N Range 16 E

Township 2 North - Range 17 East

(24)

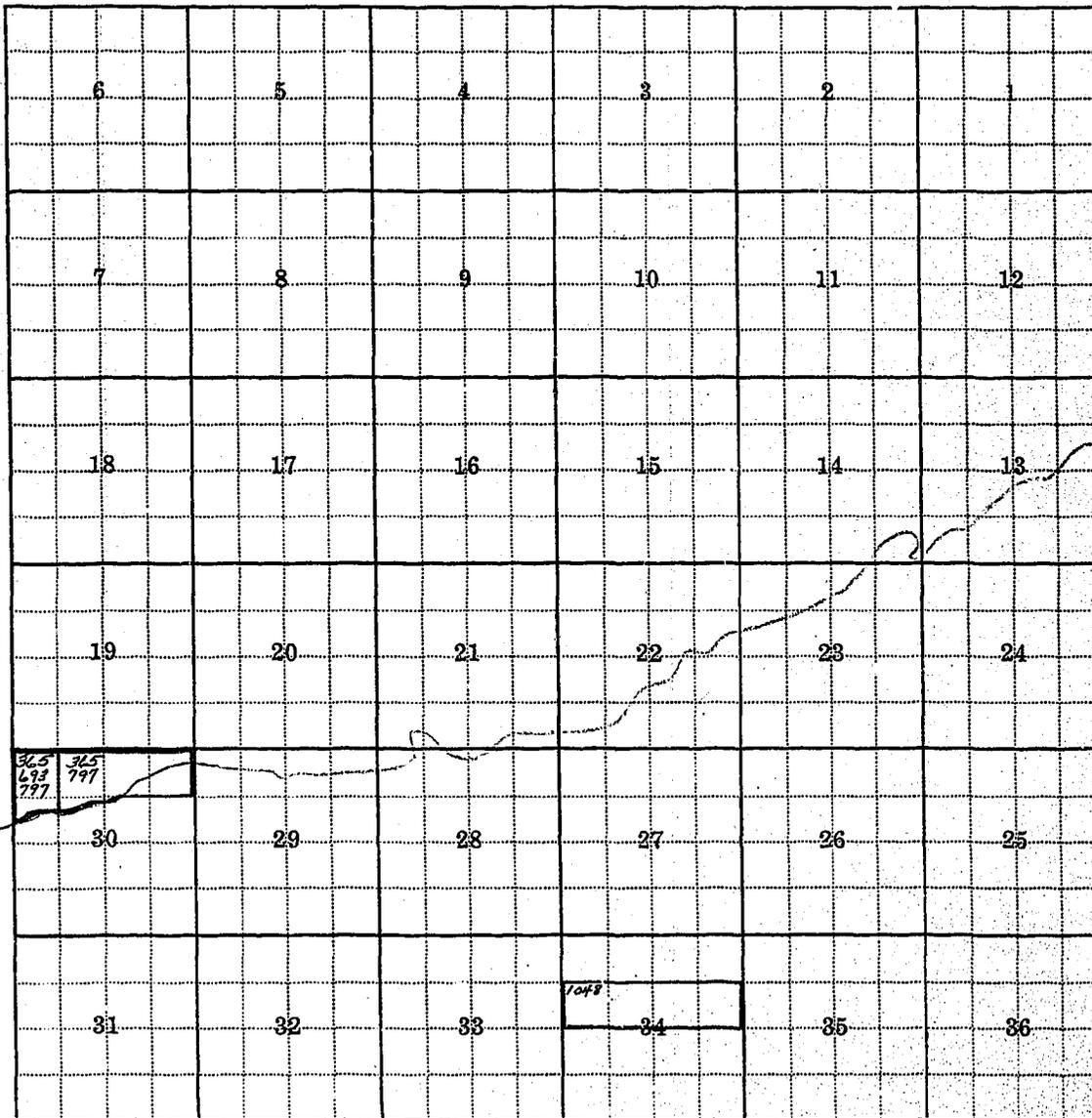
Name of Owner	Township & Range
1. Halverson, Ronald	(24) 2N-17E (25) 2N-18E (35) 1S-15E
2. Jellison, Clyde	"
<i>Rostad, John et al</i> <i>Smith, Traver</i>	"
	"

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 2 North Range 17 East County Sweet Grass



Township 2 North Range 17 East

Township 2 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>
365	Holen, Elias A.	Divide Creek	4-26-13	5-6-13	80
693	Holen, Elias A.	Spring Creek	4-26-13	5-6-13	80
797	Holen, Elias	Sweetgrass Creek	8-14-14	8-25-14	160
1048	Rice, Jesse A.	Unnamed Spring	6-2-15	6-2-15	40

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER IM 3-49 17380

By F.C.Y. #14

Code No. 34A-35A

State Engineer's Office

Area Wh. Beaver Cr

County Sweet Grass

WATER RESOURCES SURVEY

Date 6-29-50

T. 2N R. 17E Sec. 34-35

Photo No. MA-14-189

Legal Land Owner Ronald Halverson Address Tray Cliff

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 Jesse A. Rice App. No. 1048

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 Un named Spring

Acres Irrigated 19 None

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From R. Halverson

Remarks Diver

	27		26
		A	A
	34		35

24

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER 1M 3-49 17380

By AM & E. Co.

Code No. 304, 354

State Engineer's Office

County Sweet Grass

Area Sweet Grass Co.

WATER RESOURCES SURVEY

T. 2 N. R. 17 E. Sec. 30 32

Date June 15/1950

Photo No. MA-9A-183

Legal Land Owner Clyde Jellison

Address Big Timber

Operator _____

Address _____

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System 5 ditches _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Elias Halen; App. No. 365, 693, 797

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

500 MI.

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water Dawick Co., Spring Co., Sweet Grass Co. E. 7th

Acres Irrigated 19 50 12 acres

Potential Acres 0 Seeped _____

Explain _____

Condition of System fair

Adequate Supply Yes No dry years inadequate

Explain _____

Topography _____

Information From Clyde Jellison

Remarks Over

		A	
	30		31
leased from U.S.			
			A
	31		32

24

At the present time there is no indication that any ditches had ever been taken out off Divide Creek or Spring Creek.

At one time Holen (appropriator) constructed a dam in the center of the N^W of Sec 29, 20-10E on the East Fork of Sweet Grass Creek. A trace of an old ditch taking out of the reservoir still remains on the north side of the creek in Sec 30. The dam had long been washed out.

At the present time Galligan has 5 ditches taking out of the East Fork of Sweet Grass Creek carrying water appropriated by Holen. Two of these ditches were not mapped because each irrigated less than an acre; however, the land irrigated is shown as irrigated land under one of the remaining ditches.

The lands irrigated by each of the three ditches are easily recognizable on the map; therefore, no explanation is necessary.

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

County Sweetgrass

Code No. _____

30A-32A

Twp. 2 N Rge. 17 E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner JELLISON, CLYDE Address ELGIN TIMBER

Name of Operator SAME Address " "

Legal Description _____



Irrigated Land

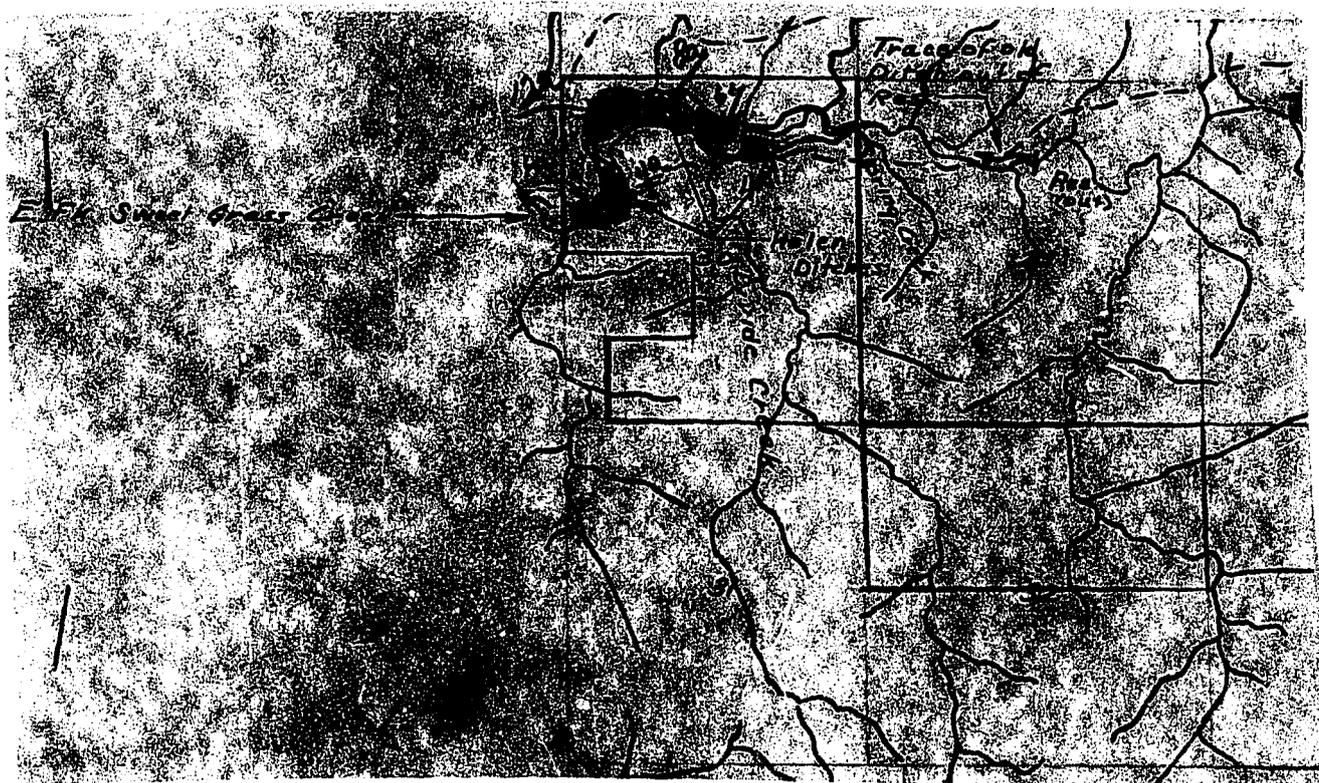


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 30A System Golden Ditch (unmapped) Source of Water East St. Sweet Grass Cr.
 Basin West 1/4 Present 40% Potential 0 Maximum 40% 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 _____

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweet Grass
Code No. 14B

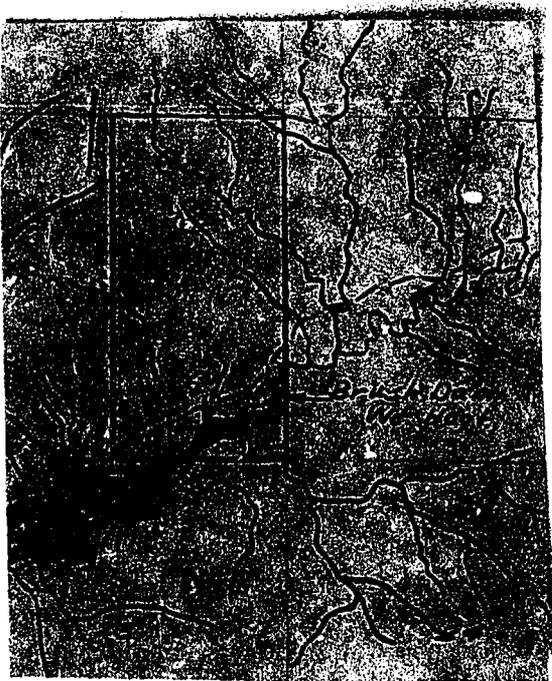
Twp. 2N Rge. 17E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Montana State of Address _____
Name of Operator Peter Pastad Address _____
Legal Description _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. 14B System Pastad Ditch Source of Water East fl. Sweet Grass Cr.
Basin Sweet Grass Present 5 Potential 0 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
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

By G M G E G

Code No. _____

Area E. 7th Sweet Grass Cr.

State Engineer's Office

County Sweet Grass
10, 11, 13, 14, 15

WATER RESOURCES SURVEY

T. 2N R. 17E Sec. 22, 23, 24, 26
27, 33, 36

Date 6-15-50

Photo No. MA-14-188

Legal Land Owner John Rostad - etal Address _____

Operator c/o Peter Rostad Address Gray Cliff

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 Henry Becker App. No. 747

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 E. Fork of Sweet Grass

Acres Irrigated 19 50 70

Potential Acres 62 Seeped _____

Explain _____

Condition of System good - just cleaned with dozer

Adequate Supply Yes _____ No

Explain _____

Topography _____

Information From Peter Rostad

Remarks reservoir contemplated
over

(24)