

Form WR-B
Reporter 20168 2M 12

Twp. 4N Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

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

County Sweetgrass
Code No. _____
18A-20A-21A-28A-
29A-33A

Name of Land Owner Yost Farms Co. Address Melville
Name of Operator Same Address "
Legal Description _____

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


Code No. 54, 20A, 21A System Nevin Ditch (not in use) Source of Water Sweet Grass Creek
Basin Sweet Grass Present 0 Potential 326 Maximum 326 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 21A, 28A System Nevin Ditch (not in use) Source of Water Rock Creek
Basin Sweet Grass Present 0 Potential 42 Maximum 42 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 20A, 29A System Yost Ditch Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 62 Potential 289 Maximum 251 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓
Code No. 18A, 20A, 21A, 28A, 29A System Yost Ditches Source of Water Cayuse Cr.
Basin Sweet Grass Present 542 Potential 383 Maximum 931 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-8
Replaces 2018-214-12

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

County Sweetgrass
Code No. _____
18A-20A-21A-22A-
29A-33A

City _____ Address Malville
Address _____

 Potential Land Under Existing Facilities



Code No. <u>18A</u>	System <u>Under Ditch</u>	Source of Water <u>Cayuse Cr.</u>
Basin <u>Sweetgrass</u>	Present <u>0</u> Potential <u>0</u> Maximum <u>0</u>	R. <u>0</u> F. <u>0</u> P. <u>0</u> G. <u>0</u> S. <u>0</u>
Code No. <u>20A-21A-22A</u>	System <u>Under Ditch</u>	Source of Water <u>Spring Cr. - trib. to Cayuse Cr.</u>
Basin <u>Sweetgrass</u>	Present <u>39.5</u> Potential <u>202</u> Maximum <u>39.5</u>	R. <u>1</u> F. <u>0</u> P. <u>0</u> G. <u>1</u> S. <u>0</u>
Code No. <u>21A-22A-33A</u>	System <u>Under Ditch</u>	Source of Water <u>Sweet Grass Creek</u>
Basin <u>Sweetgrass</u>	Present <u>0</u> Potential <u>18A</u> Maximum <u>18A</u>	R. <u>1</u> F. <u>0</u> P. <u>0</u> G. <u>1</u> S. <u>0</u>
Code No. <u>22A</u>	System <u>Under Ditch (not in use)</u>	Source of Water <u>trib. to Cayuse Cr.</u>
Basin <u>Sweetgrass</u>	Present <u>17</u> Potential <u>0</u> Maximum <u>17</u>	R. <u>0</u> F. <u>0</u> P. <u>0</u> G. <u>0</u> S. <u>0</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.

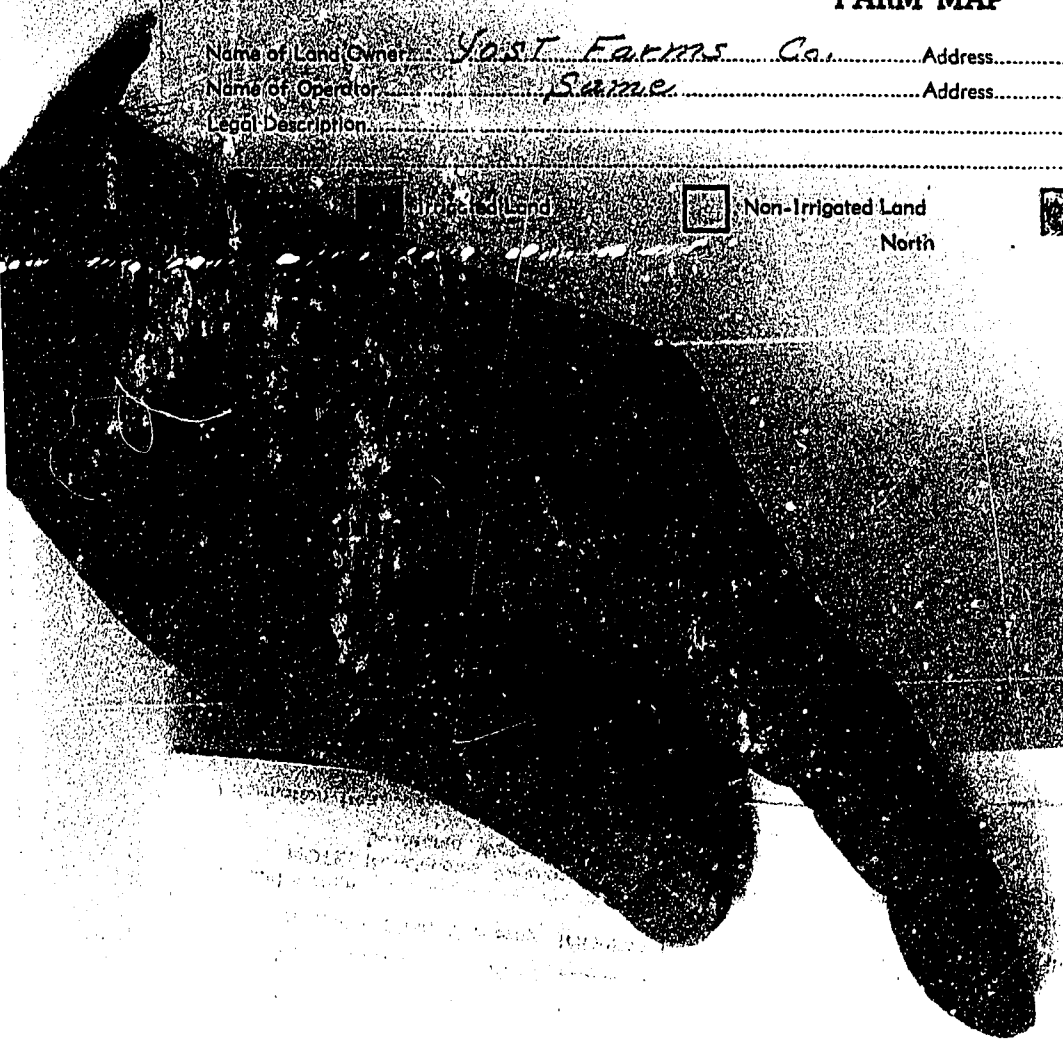
Information from _____ Date _____

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

County Sweetgrass
Code No. _____
18A-20A-21A-28A-
29A-33A

Twp. 21N Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Host Farms Co. Address Melville
Name of Operator Same Address _____
Legal Description _____



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

Code No. 29A System Unmanned Ditch (not in use) Source of Water trib. to Sug. Co. Co.
Basin Sweet Grass Present 0 Potential 34 Maximum 34 R F P G S
Code No. 29A, 30A System Unmanned Ditch (not in use) Source of Water Sweet Grass Creek
Basin Sweet Grass Present 0 Potential 64 Maximum 64 R F P G S
Code No. 33A System Glass Ditch (not in use) Source of Water Sweet Grass Cr.
Basin Sweet Grass Present 0 Potential 96 Maximum 96 R F P G S
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____

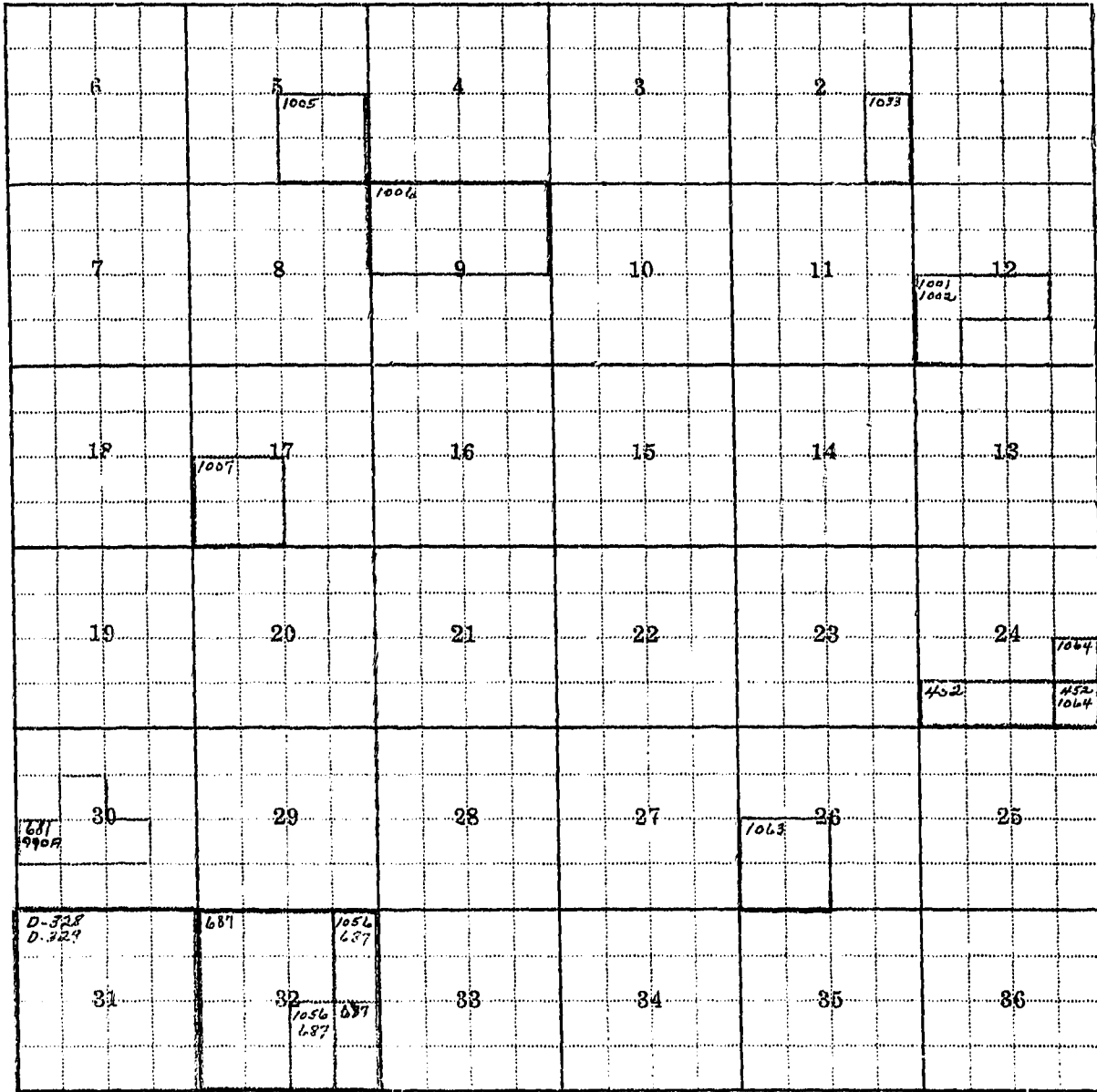
If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said system.
NOTE: R--Denotes Regular Irrigation. F--Flood Irrigation. P--Water diverted by means of pumping. G--Water diverted by gravity. S--Stored Water.
Information from _____ Date _____

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 4 North Range 16 East County Sweet Grass



Township 4 North Range 16 East

Township 4 North, 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>
-452	Tollefson, Gustav	Fish Creek	10-16-09	10-16-09	100
-681	Duffy, Owen	Spring Creek	11-24-90	11-24-90	200
-687	Hanson, Lussie	Spring Creek	7-9-07	7-9-07	100
990A	Duffy, Owen	Unnamed Spring	11-24-90	11-24-90	200
-1001	Gugler, John	Unnamed Spring	3-30-10	3-30-10	100
-1002	Gugler, John	Unnamed Spring	3-30-10	3-30-10	100
-1005	Hanson, A. J.	Unnamed Spring	3-30-29	5-7-29	100
-1006	Hanson, A. J.	Unnamed Spring	3-30-29	5-7-29	100
-1007	Hanson, John E.	Unnamed Spring	5-4-08	5-7-08	100
-1033	Lowe, Richard R.	Unnamed Spring	6-25-13	6-25-13	20
-1056	Skaarland, Cornelius	Unnamed Spring	12-24-10	1-5-11	160
-1063	Tollefson, Gust	Unnamed Spring	11-5-10	11-5-10	100
-1064	Tollefson, Gustav	Unnamed Spring	9-3-12	9-4-12	80
-D-328	McAllister, Charles & Seymour, Wm. - Sweetgrass Creek		4-1-83		200
-D-329	McAllister, Charles & Seymour, Wm. - Sweetgrass Creek		5-28-02		675

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 4N Range 16E County Sweet Grass

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
²⁰⁶⁷ 30	29	28	27	26	25
31	32	33	34	35	36

Transcribed from Park County

Township 4N Range 16E

Farm Checked

FORM F-1 REPORTER IN 3-49 17380

By M.T. VEB

STATE OF MONTANA
State Engineer's Office

Code No. 31A

Area Sweet Grass

WATER RESOURCES SURVEY

County Sweet Grass

Date 8-18-50

T. 4N R. 16E Sec. 51

Photo No. MA-7A-115

Legal Land Owner Crumm, Geo. B. Address Melville

Operator Same Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

No irrigation + no ditches Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Mr. Alister Charles & Son, Iron, W.T.M. App. No. D-328, D-329
(This right belongs to Chas. Crum)

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

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

(If No, show break down on map)

Source of Water Sweetgrass Creek

Acres Irrigated 19

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

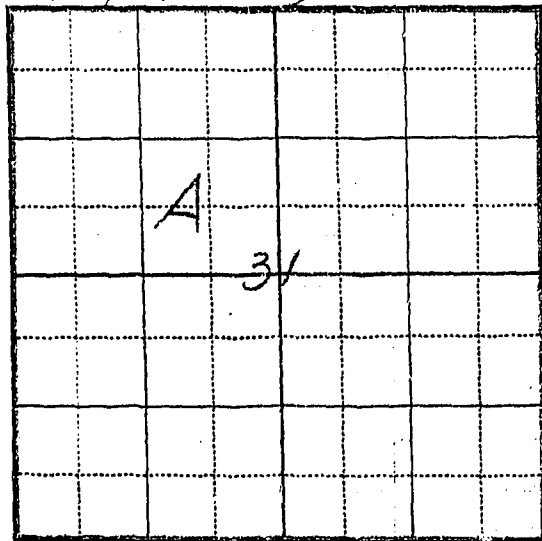
Explain _____

Topography _____

Information From Geo Crum

Remarks _____

Twp. 4N - Rge. 16E



60

Form Checked

By M.T. S.C.

Area _____

Date 9-29-50

Legal Land Owner Cremor, Rodeo Co. Address Shawmut

Operator Cremor, Leo Address 11

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Pres. none Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Hanson, John E. App. No. 1007

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

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water unnamed spring

Acres Irrigated 19 51 0

Potential Acres 68 Seeped _____

Explain _____

Condition of System poor

Adequate Supply Yes _____ No

Explain _____

Topography Level Openland

Information From Field Survey

Remarks _____

over

2A-3A-4A-7A, 10C, 10D, 1A
 FORM F-1 REPORTER IM 3-49 17380
 12A-14B, 15A, 16B, 7A, 18A
 Code No. 19A 20A-21A-22A-23A
 County Sweet Grass
2, 3, 4, 7, 10, 11, 12, 14, 15,
 T. 4 N. R. 16 E. Sec. 16, 17, 18,
19, 20, 21, 22, 23
 Photo No. MA-7A-114

STATE OF MONTANA
State Engineer's Office
 WATER RESOURCES SURVEY

10

Cremers irrigates one land in
T4N-216E. Numerous traces of
old ditches, the majority having
no filings, were located and
mapped along and summarized
collec- in sections 17 & 18

Numerous sub-irrigated areas
have also been mapped on Cremers's
land in the trap.

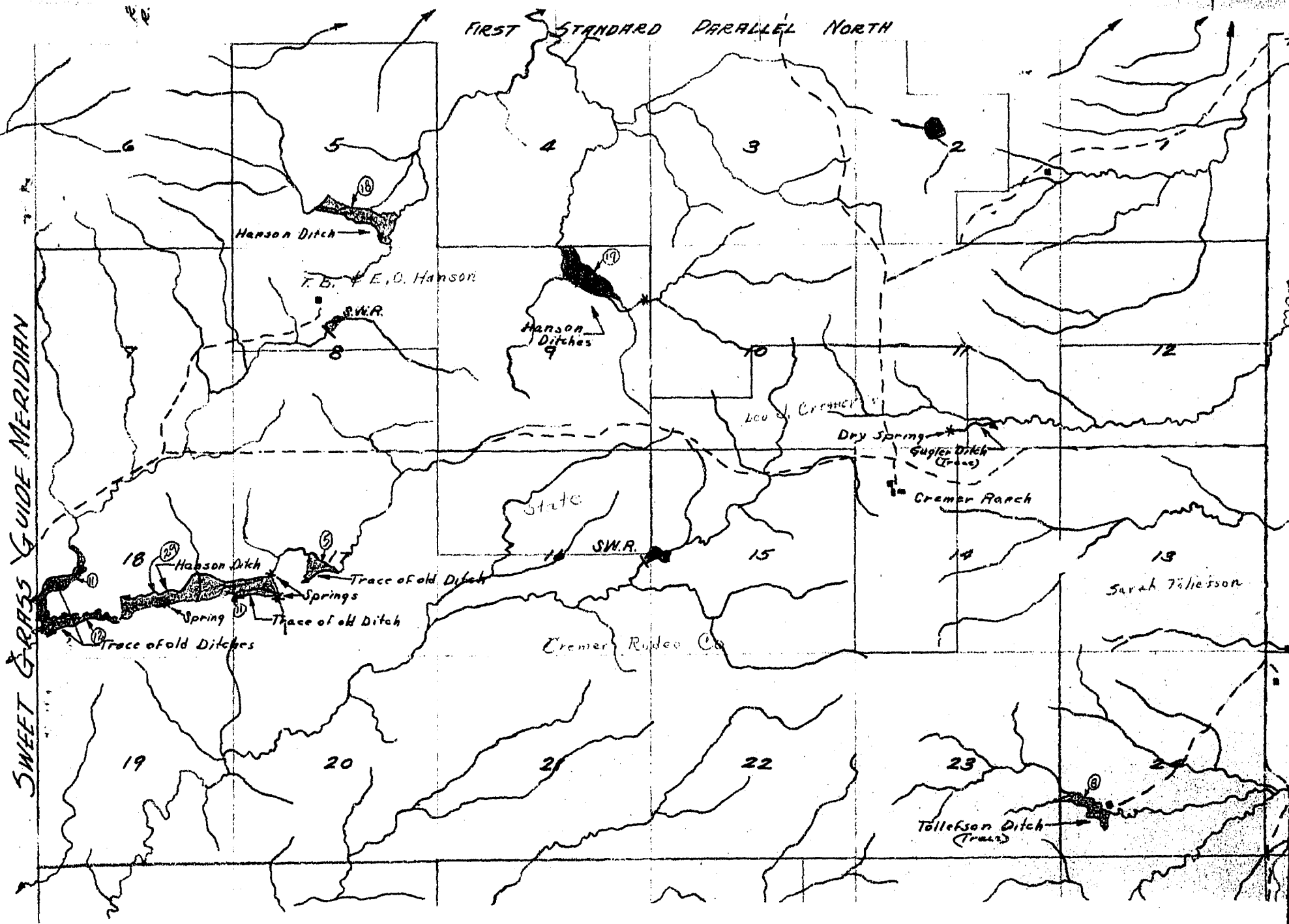
State Engineer's Office

WATER RESOURCES SURVEY

Township 4 North Range 16 East County Sweet Grass

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

Township _____ Range _____



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

County Sweetgrass

Code No. _____

Twp. 4N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner Cremet Rodco Co. Address Shawmut

Name of Operator Cremet, Leo Address "

Legal Description _____



Irrigated Land



Non-Irrigated Land
North



Potential Land Under Existing Facilities

Code No. <u>17A, 18A</u>	System <u>Unnamed Ditches</u> (not in use)	Source of Water <u>trib. to Dead Beaver Cr.</u> <u>Unnamed Coulees</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>39</u> Maximum <u>39</u>	R. <u>X</u> F. <u></u> P. <u></u> G. <u>X</u> S. <u></u>
Code No. <u>17A, 18A</u>	System <u>Hanson Ditch (not in use)</u>	Source of Water <u>trib. to Dead Beaver Cr.</u> <u>Unnamed Coulee</u>
Basin <u>Sweet Grass</u>	Present <u>0</u> Potential <u>29</u> Maximum <u>29</u>	R. <u>X</u> F. <u></u> P. <u></u> G. <u>X</u> S. <u></u>
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 7-1 REPORTER IM 3-48 17380

STATE OF MONTANA

Code No. 30A, 32A

By MT & EC

State Engineer's Office

County Sweet Grass
10, 11, 14, 25, 26, 27, 29, 30

Area _____

WATER RESOURCES SURVEY

T. 4 N. R. 16 E Sec. 32, 34, 35

Date 9-28-50

Photo No. MA-7A-115

Legal Land Owner Cramer, Leo et ux. Address Stawmunt

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 Duffy, Gwam - Hanson, Lussie App. No. 681, 687, 1056

Is the system an extension of another system? Skarland, Cornelius Yes _____ No

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water Spring Creek, unnamed Spring

Acres Irrigated 19.50, _____ 0

Potential Acres 29 Seeped _____

Explain _____

Condition of System Good

Adequate Supply..... Yes _____ No

Explain _____

Topography _____

Information From Field Survey

Remarks - over -

10

Crowder irrigates no land in
T4N-R16E. A trace of the Spearland
ditch was located and is located
in Sec 32 & 33; however, has not
been in use for many years.

Numerous sub-irrigated areas
have also been mapped on Crowder's
land in the Twp.

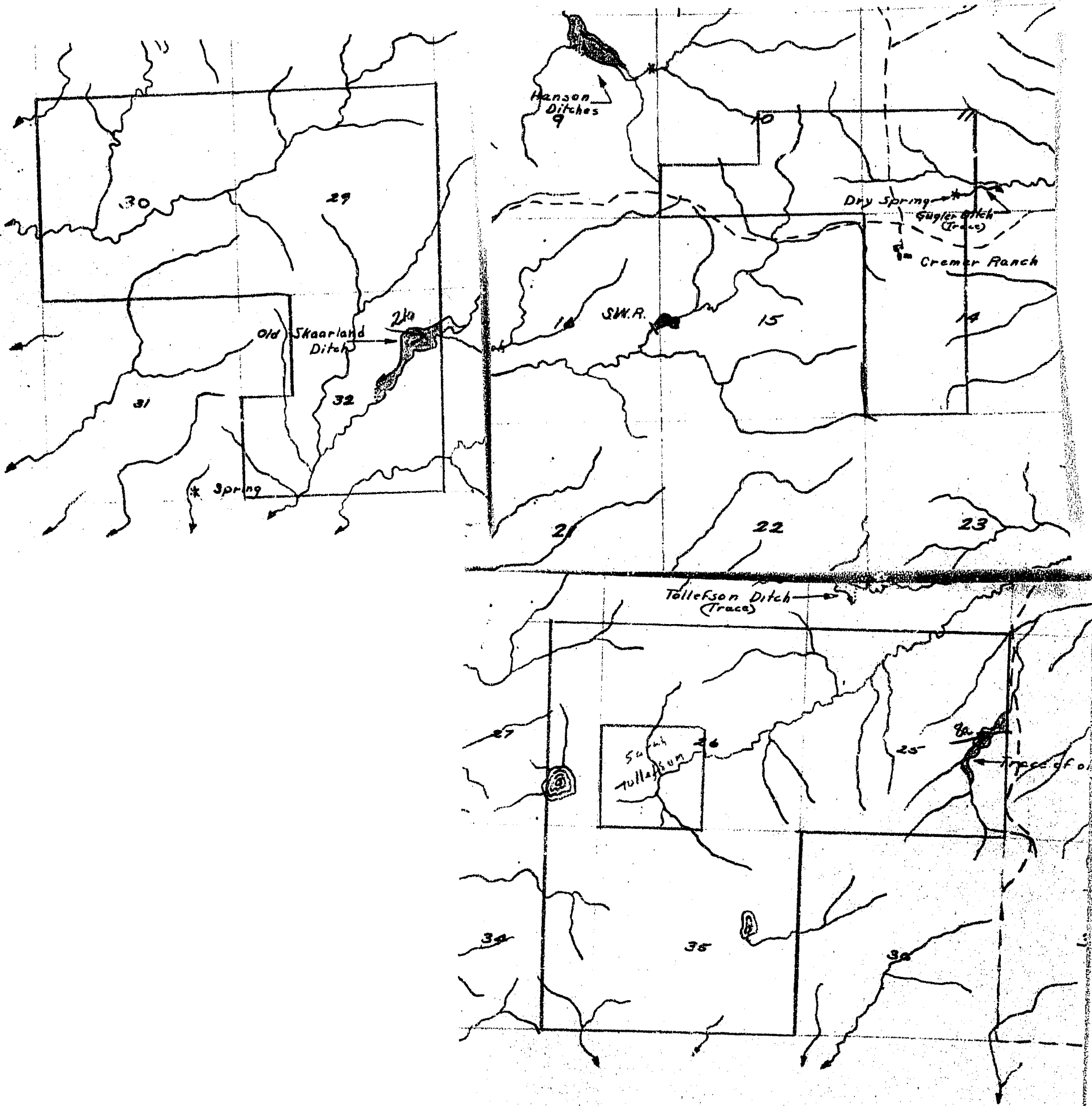
A trace of an unnamed ditch
was located in Sec 25; however,
the land is not classified as
potential due to a combination
of factors; steep slope, rough
terrain, insufficient water supply.

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 4 North Range 16 East County Sweet Grass

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

Township _____ Range _____



Form WR-3
Reporter 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Sweetgrass

Twp. 4N Rge. 16E

Code No. _____

Twp. _____ Rge. _____

30A-32A

Twp. _____ Rge. _____

Name of Land Owner CREMER, Leo et. ux. Address S. HAWMUT

Name of Operator Same Address _____

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North

Code No. 25A System Unnamed Ditch (not in use) Source of Water trib. to Fish Cr. Unnamed Coulee
 Basin Musselshell Present 0 Potential 8 Maximum 8 R. ✓ F. P. G. ✓ S.

Code No. 32A System Spearland Ditch (not in use) Source of Water trib. to Sp. Cr. Unnamed Coulee
 Basin Sweet Grass Present 0 Potential 21 Maximum 21 R. ✓ F. P. G. ✓ S.

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

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

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

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

Information from _____ Date _____

Farm Checked

FORM F-1 REPORTER IM 3-49 17380

By M.T. R.F.

STATE OF MONTANA

Code No. 2B

State Engineer's Office

County Sweet Grass

Area Sweet Grass Co.

WATER RESOURCES SURVEY

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

Date 8-23-50

Photo No. MA-9A-176

Legal Land Owner Adams, E. M. Address Melville

Operator Adams, John Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

No irrigation Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Lowe, Richard P. App. No. 1033

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

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

(If no, show break down on map)

Source of Water Unnamed Spring

Acres Irrigated 19 50, _____ 0

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From John Adams

Remarks Water from spring used for stock

See attached map

10

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER (M 3-48 17360)

By MT 956

State Engineer's Office

Code No. 120, 13A, 24A, 26B

Area Melville

County Sweet Grass

Date 10-11-50

T. 4 N. R. 16 E. Sec. 12, 13, 24,

Photo No. MA-9A-177
MA-9A-178

Legal Land Owner

Tollefson, Sarah S.

Address Shawmut

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, P'np, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Gugler, John - Tollefson, Gustav App. No. 1001, 1002, 1064,
452, 1063

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

Is all land irrigated from one system? Yes _____ No

(If No, show break down on map)

Source of Water unnamed Spring, Fish Creek

Acres Irrigated 19.50, _____

Potential Acres 8 Seeped _____

Explain _____

Condition of System poor

Adequate Supply..... Yes _____ No

Explain _____

Topography _____

Information From Tollefson

Remarks _____

over

10

Several traces of ditches were located; however none are in use due to the present lack of sufficient water and poor repair of the systems.

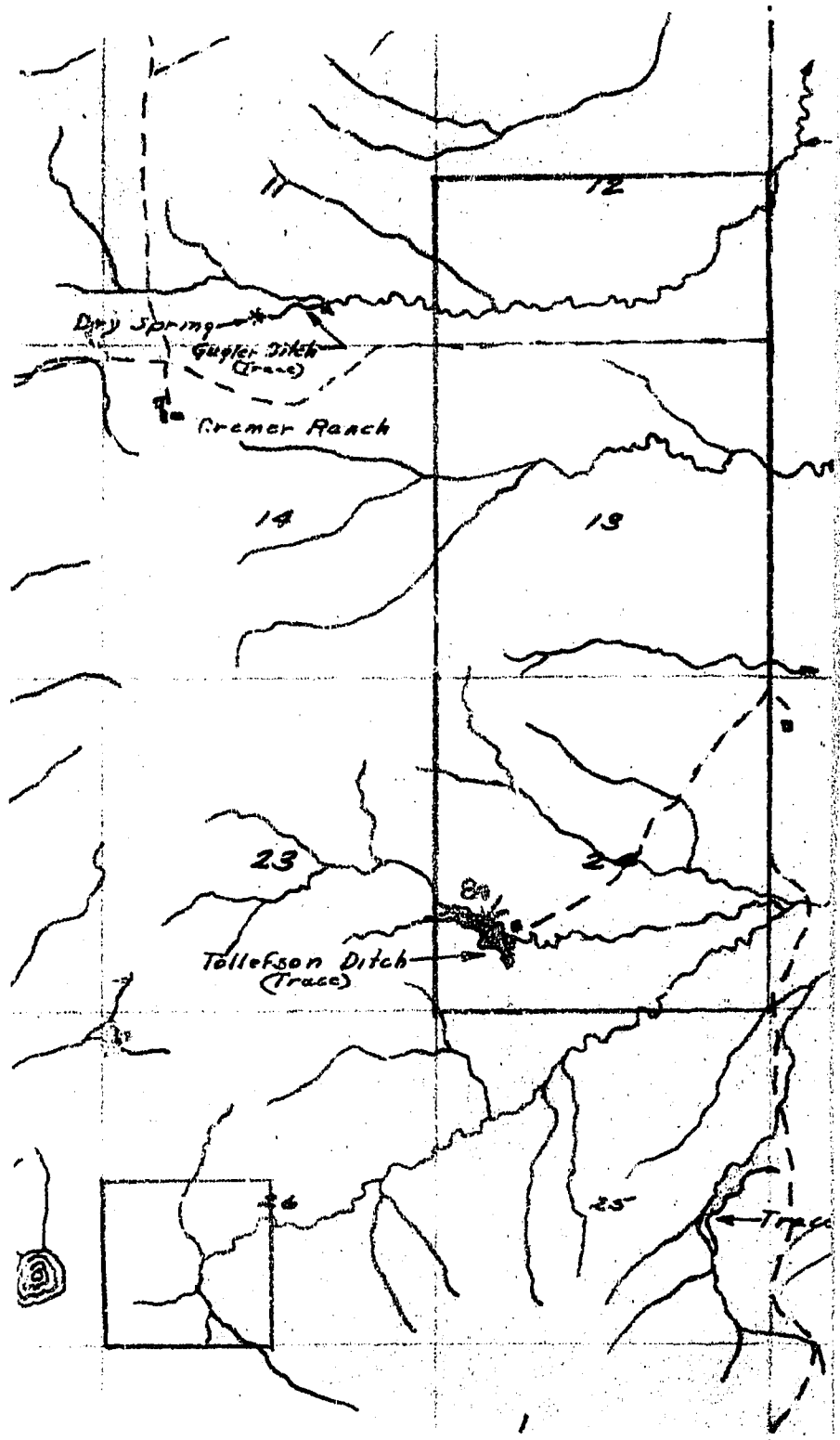
An area located in the SW¹/₄ of Sec 26 - NW-16E is sub-irrigated.

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 4 North Range 16 East County Sweet Grass

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

Township _____ Range _____



Form WR-B
Reporter 20188 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass

Code No. _____

12B-13A-24A-

26B

Twp. 4N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner Tallefson, Sarah S. Address Stawmut

Name of Operator Same Address _____

Legal Description _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities

Code No. 24A System Tallefson Ditch (not in use) Source of Water trib. to Fish Cr. Unnamed Spring

Basin Musselshell Present 0 Potential 8 Maximum 8 R. ✓ F. ✓ P. ✓ G. ✓ S. ✓

Code No. _____ System _____ Source of Water _____

Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____

Code No. _____ System _____ Source of Water _____

Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____

Code No. _____ System _____ Source of Water _____

Basin _____ Present _____ Potential _____ Maximum _____ R. _____ F. _____ P. _____ G. _____ S. _____

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

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

Information from _____ Date _____

Form Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By D. J. McC

Code No. 5A, 8A, 9A

Area Melville

County Sweet Grass

Date 10-11-50

T. 4N R. 16E Sec. 5, 8, 9

Photo No. MA-7A-113

Legal Land Owner Hanson, T. B. & E. O. Address Melville

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 Hanson, A. J. App. No. 1005, 1006

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

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

(If No, show break down on map)

Source of Water unnamed Spring

Acres Irrigated 19 50, 19

Potential Acres 18 Seeped _____

Explain _____

Condition of System over

Adequate Supply..... Yes _____ No

Explain _____

Topography _____

Information From T. B. Hanson

Remarks _____

over

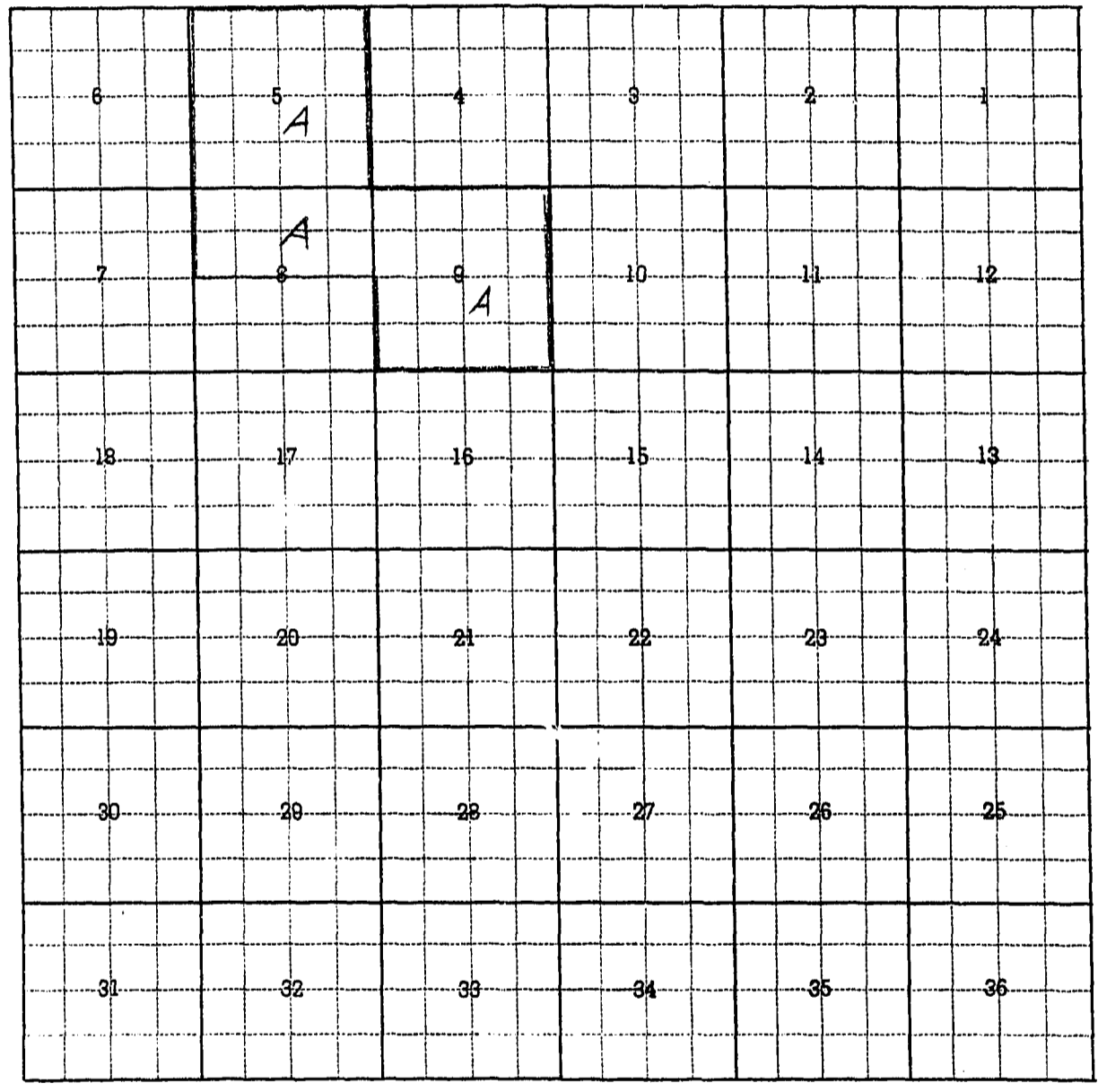
10

approp. # 1000 - Two ditches are present; however, only the upper one need be used because they are connected. Both ditches divert in the SE + NE¹ of Sec 9 - 4N-10E and are used to irrigate land in the N²NE¹ of Sec 9. Water supply is insufficient for complete irrigation; however the area does not require much water because it is sheltered on all sides and is partially sub-irrigated due to the geological formations concentrating water into this small valley.

approp. # 1005 - The ditch is visible but has not been in use for many years due to the inadequacy of water from the restricted water shed.

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 4 North Range 16 East County Sweet Grass



Township..... Range.....

Form WR-B
Reporter 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY FARM MAP

County Sweetgrass

Code No. _____

5A-8A-9A

Twp. 4N Rge. 16E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

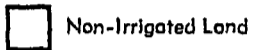
Name of Land Owner HANSON, I.B. & F.O. Address Melville

Name of Operator SAME Address "

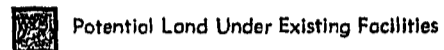
Legal Description _____



Irrigated Land

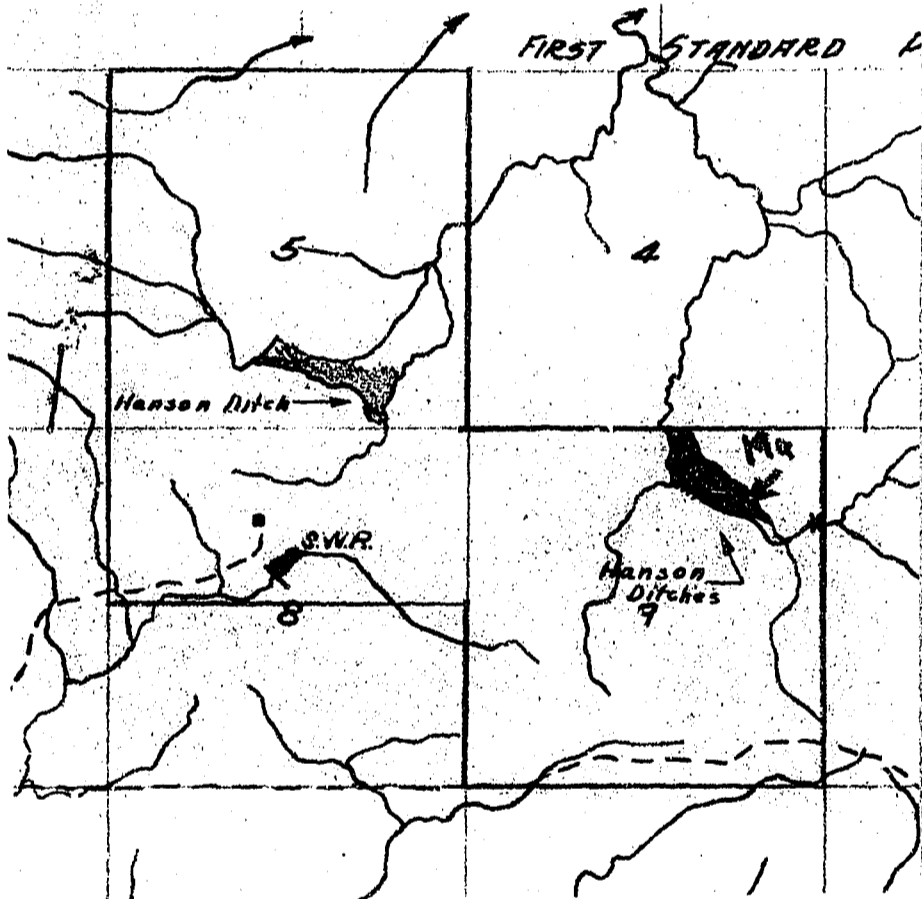


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. 5A, 9A System Hanson Ditches Source of Water trib. to Antelope Cr. Unnamed Coulees
 Basin Musselshell Present 19 Potential 18 Maximum 37 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 4 North - Range 16 East

(10)

	Name of Owner	Township & Range
✓1.	Adams, E. M.	(10) 4N-16E (9) 4N-15E (5) 5N-16E
✓2.	Cremer, Leo et ux	" (8) 4N-14E
✓3.	Cremer Rodeo Co.	"
✓4.	Crum, George B.	" (9) 4N-17E (15) 3N-15E (16) 3N-16E
✓5.	Hanson, T.B. & E.O.	"
✓6.	Tollefson, Sarah S.	"

Farm Checked

STATE OF MONTANA

Code No. 27A, 28A, 33A, 34A

By _____

STATE ENGINEER'S OFFICE

County Sweet Grass

Area _____

WATER RESOURCES SURVEY

T. 1 N R. 16 E Sec. 27, 28, 33

Date _____

Photo No. _____

Legal Land Owner Peter C. Harms Address _____

Operator Leo J. Cremer Address _____

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Staarland Ditch Pres. 0 Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. _____

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

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

(If No, show break down on map)

Source of Water Unimproved Center

Acres Irrigated 19.52 None

Potential Acres 3 Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

			A				A
		28				31	
			A				A
		33				34	

Form WR-B
Reporter 2010R 2M 12-49

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

County Beaverhead

Code No. 337

Twp. 10 Rge. 10

Twp. _____ Rge. _____

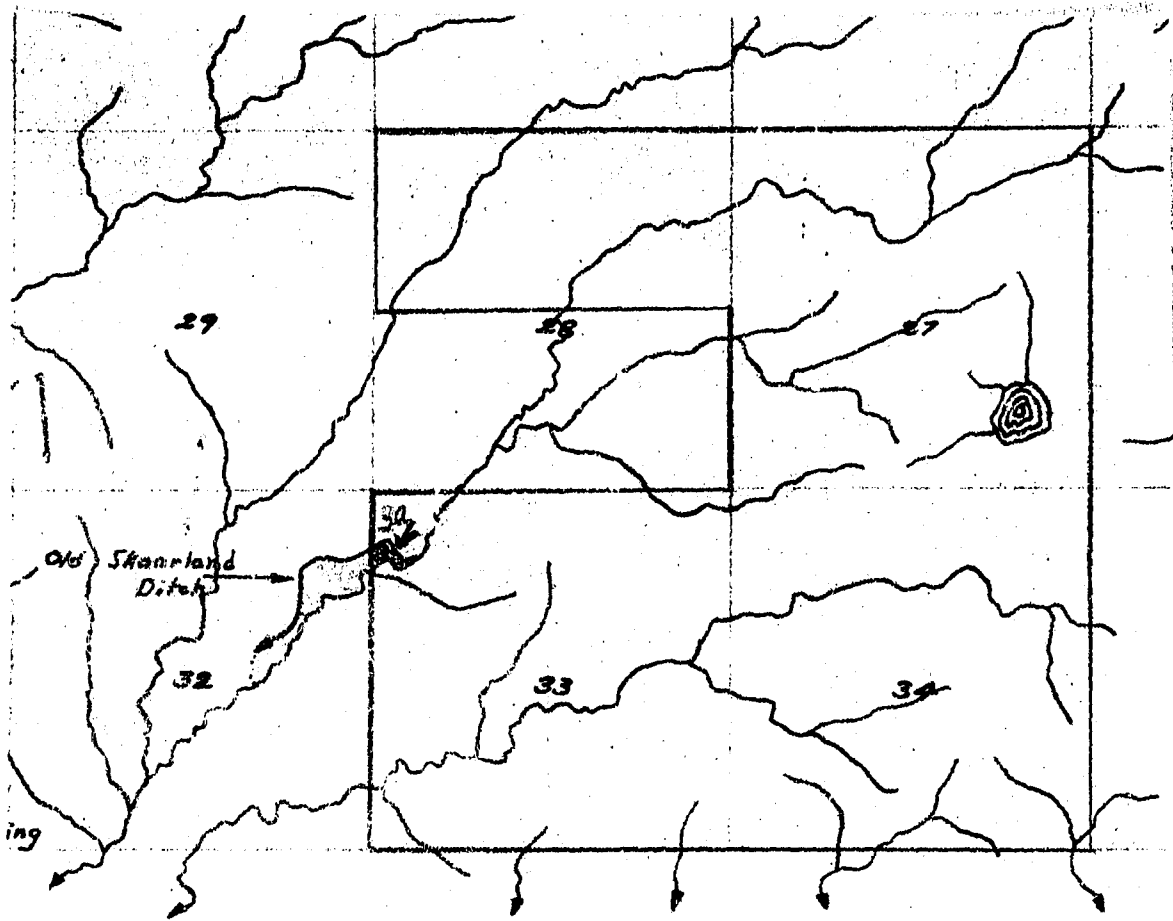
Twp. _____ Rge. _____

Name of Land Owner John T. Williams Address _____

Name of Operator John T. Williams Address _____

Legal Description _____

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



Code No. 337 System Shanrland Ditch (out use) Source of Water 410 Ft. 50 Gr. Cr. Unassisted Center
Basin unassisted center Present 2 Potential 3 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 _____

TOWNSHIP 4 North - RANGE 17 East

(11)

Name of Owner	Twp. & Rge.
1. Leo Cremer et ux	(11) 4N-17E (8) 4N-14E (10) 4N-16E (16) 3N-16E
2. Cremer, Leo	" (3) 5N-14E
3. Dean, Mrs. A. C.	"
4. Thomas, Mary J.,	"

able
res

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

Land Ownership.....

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

Land Ownership

.....

.....

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

Land Ownership.....

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township *4 North* Range *17 East* County *Sweet Grass*

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20 <i>1037</i>	21	22	23	24
<i>1058</i>	29	28	27	26 <i>1052A 1053A</i>	25
30 <i>744</i>	32 <i>1074 1075</i>	33	34	35	36
31	<i>212 1060 1074 1075</i>	32	33	34	35

Township *4 North* Range *17 East*

Township 4 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>
312	Thomas, Mary J.	Coulee Creek	5-15-13	6-16-13	100
439	Gugler, Nellie	Fish Creek	4-6-07	4-8-07	160
944	Kadish, Clara L.	Kadish Spring	7-8-16	7-8-16	10
1052	Satre, Teresa <i>Golden Valley</i>	Unnamed Spring	9-19-10	9-23-10	175
1053	Satre, Teresa <i>Golden Valley</i>	Unnamed Spring	10-16-13	10-17-13	320
1058	Stokes, W. R.	Unnamed Spring	7-22-12	7-22-12	150
1060	Thomas, Mary J.	Unnamed Spring	4-30-13	5-17-13	100
1074	Wood, Samuel A.	Unnamed Spring	8-1-10	8-1-10	40
1075	Wood, Samuel A.	Unnamed Spring	8-1-10	8-1-10	40

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 4 North Range 17 East 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

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

Township.....Range.....

Farm Checked

By EC-IPB

Area Gibson

Date 8-30-50

Legal Land Owner Cramer, Leo Address Shawmut

Operator Same Address "

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

FORM F-1 REPORTER, IM 3-49 17380

Code No. 20A

County Sweet Grass

T. 4N R. 17E Sec. 6, 7, 20

Photo No. MA14-183

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System _____ Pres. _____ Pot. _____

Gugler ditch _____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity _____

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Gugler, Nellie App. No. 439

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 Fish Creek, sec 20

Acres Irrigated 19.50 _____ 0

Potential Acres 2 _____ Seeped _____

Explain _____

Condition of System Poor

Adequate Supply..... Yes _____ No

Explain Insufficient supply

Topography Brush land

Information From Field Survey

Remarks Water from Creek

used for stock

See attached map

(11)