Township 12 North, Range 4 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
787	Allen, Calvin L.	Eagle Creek	9-26-98	10-29-98	200
1127	Lewis, Len	Horse Ranch Creek	5-1-77	2-15-92	100
1759	Berkin, Hallie A. 5-67	Sheep Creek	7-1-05	9-17-07	200
1760	Berkin, John 5-315	Sheep Creek	3-25-12	3-25-12	500
1771	Jenkins, W. L. and 2-207 Patterson, H. D.	Sheep Creek	11-19-92	12-12-92	500
1927	Allen, C. L.	Spring Creek	5-15-86	9-19-90	150
1932	Berkin, Thomas A.	Spring Creek	5-4-99	5-8-99	150
1771A	WALTER JOYCE 7-58	SHEEP CR	10-14-1949		300
D-55	Songster, Walter A.	Eagle Creek	-1883		110

12N-4E

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

16

WATER RESOURCES SURVEY

Township 12 North Range 4 East County Meagher

6	5	4	3	2 787 1929 1932 D-55	1
7	8	9	10	11	12 1759 1760 1760 1769 1771
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25 1127
31	32	33	34	35	36

Township 12 North Range 4 East

Township 12 North - Range 4 East

Code No.	Owner	Operator
~~Northwes~~		
7a,12a,13b	Northwestern Finance Corp. (Joyce Walter (buying)	
13a,25a,36a,24a	Northwestern Finance Corp. (Johnston, James & Walter (buying)	
2a,3a,11b	Songster, Walter A.	Theo. Shannon

Also in T 12N-R5E #17
T.11N-R.4E #23
T.10N-R.5E #33

#16

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Smith River

Date 8/30/49

Code No. 13B-25A-36A, 24A

County Meagher

T. 12N R. 4E Sec. 36, 25, 13 Part

Photo No. 15A-89-90

Legal Land Owner Northwestern Finance Corp. Address White Sulphur

Operator Johnston, James & Walter (buying) Address "
(called Moore Ranch)

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. 316.0 Pot. 78.0

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private No Filing Shown Johnston Bros. intend to establish right. 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 Smith River

Acres Irrigated 1949, 316.0

Potential Acres 78.0 Seeped _____

Explain _____

Condition of System Fair

Adequate Supply..... Yes ✓ No _____

Explain Ditches need cleaning + flume repair

Topography River Bottoms

Information From Walter Johnston

Remarks Plans to repair system.

See attached map.

Smith River.

Ditch on west side heads in NW, SE¼, sec. 36
Extends north into sec. 25 - Irrigates hay
meadows in Sec. 25 & 36.
Another west side heads in SW, SE¼, Sec. 24
Irrigates land in Sec. 24.

Ditch on east side heads SW, SE¼, Sec. 36
Has wooden headgate this ditch extends about
3 miles - has 4 flumes.
It branches where they call rocky point and
flumes around point, the upper part of ditch
is not in use at present.
Note - All of systems needs repair as the
Johnston Bros. have just acquired this place.
And system has not been kept up.

Another east side ditch heads in SE, NE¼, Sec 24
and extends north into Sec 13.
Irrigates land in Sec. 24 & 13 to road.
And land north of road is potential.

T. 12N-R. 4E
Sheep Creek
Joyce Ditches
Meridian
Old Camp Baker
Old Moore Ranch
(Johnston Bros)
Gulch
U.S
B
Flume
River
C
U.S
Flume
Smith
Johnston Bros
irri. system
Cottonwood Creek
State
A
Leased
by
Johnson
Bros.
Wood Headgate
Whitetail Creek
Smith River
Potential from old ditch
out of whitetail creek
(Paul Ringling)

Form WR-B
Reporter 17362 -49

Twp. 12N Rge. 4E
Twp. 12N Rge. 6E
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 13B, 25A
36A

Name of Land Owner Northwestern Finance Corp. Address White Sulphur Springs
Name of Operator Johnston, James & Walter Address " " "
Legal Description

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

North

Code No. 13B, 24A, 25A System Johnston Bros. Ditches Source of Water Smith River
Basin Smith River Present 258.0 Potential 68.0 Maximum 326.0 R ✓ F P G ✓ S
Code No. 24B (U.S.A.) System Johnston Bros. Ditch Source of Water Smith River
Basin Smith River Present 0 Potential 4.0 Maximum 4.0 R ✓ F P G ✓ S
Code No. 36A (State) System Johnston Bros. Ditches Source of Water Smith River
Basin Smith River Present 61.0 Potential 0 Maximum 61.0 R ✓ F P G ✓ S
Code No. 36A (State) System Old Ditch (Not in Use) Source of Water Whitetail Creek
Basin Smith River Present 0 Potential 6.0 Maximum 6.0 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 sysem

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 H. L. B. Date 5/23/50

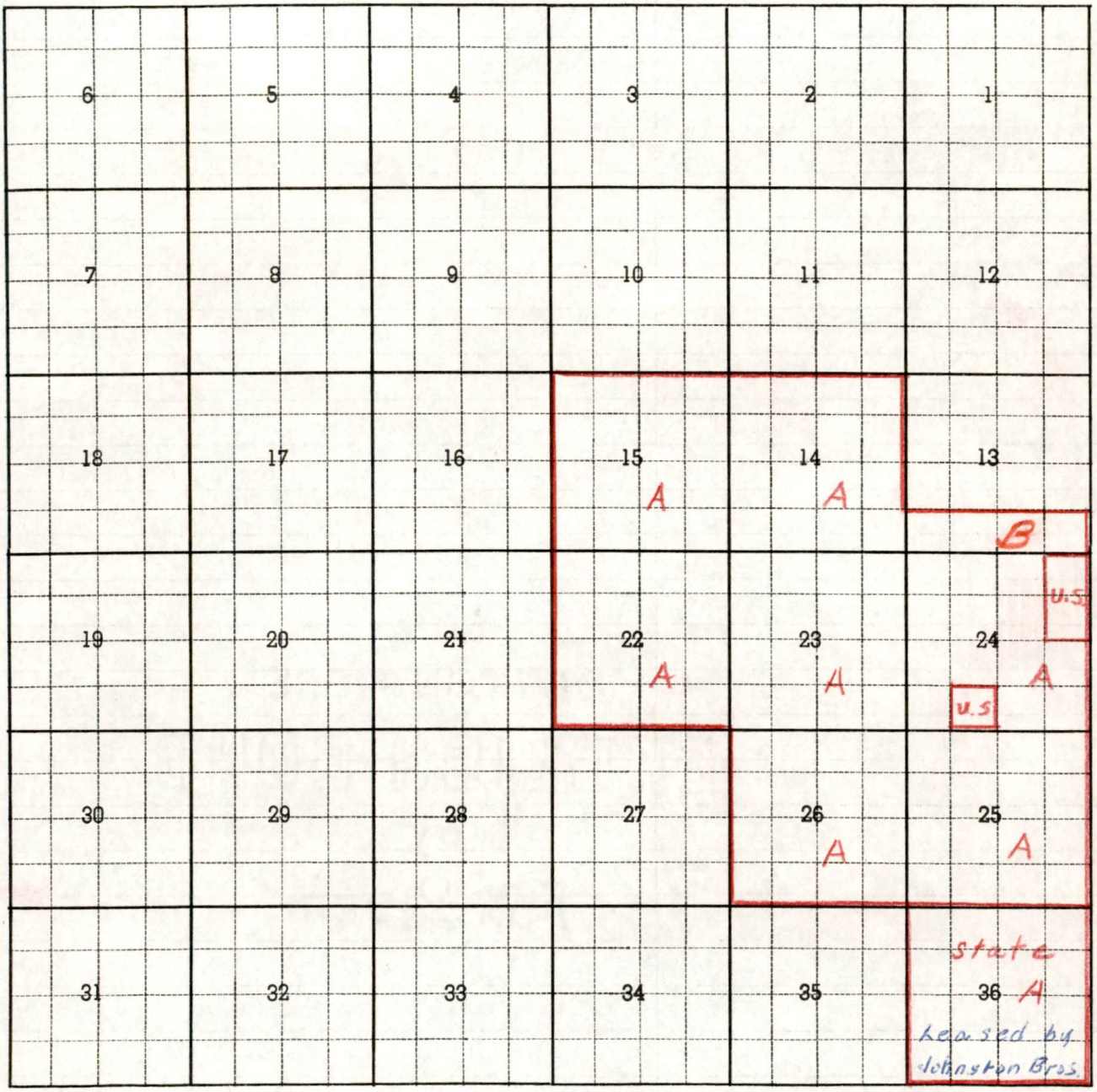
FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 12N Range 4E County Meagher



Township 12N Range 4E

Township 12N Range 4E County Meagher

Parcel Number	Name of Owner	Address
	Northwestern Finance Corp	
13B-25A-36A	Johnston, James & Walter (Buying)	White Sulphur

Also in T. 12N-R. 5E #17
T11N-R. 4E #23
T10N-R. 5E #33

#16

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. 7A - 12A - 13BA

Area Sheep Creek

County Meagher

T. 12N R. 4E (12N-5E ?) Sec. 13, 12

Date 8/30/49

Photo No. 15A-90

Legal Land Owner Northwestern Finance Corp. Joyce Walter (buying) Address White Sulphur

Operator Same (Called Sheep Creek Ranch) Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. Approx 50 or 60 (67.0) Pot. Pl. 272.0

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, ~~Company~~ John Berkin App. No. 1760

Original Appropriator, Private Berkin, Hallie A. App. No. 1759

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 Sheep Creek

Acres Irrigated 1949, About 50 or 60 Pl. 67.0

Potential Acres Pl. 272.0 Seeped _____

Explain _____

Condition of System good in Sec. 13

Adequate Supply..... Yes ✓ No _____

Explain Has just cleaned ditches in Sec. 13

Topography Creek bottom

Information From Walter Joyce

Remarks Old ditches in Sec. 12-7 in need of repair, flumes (out) plans on pump And renewing System.

Send ~~Inf~~ information on pumps (Hysham) for a 100 ft. lift.

See attached map

Sheep Creek.
Two ditches north & south - NE, NE¼, Sec. 13
T12N-R.4E Cleaned this spring
irrigates hay meadows.

Two ditches in Creek.
Lower ditch heads about center of Sec. 17 T.12N-R5E
This ditch he plans either to repair flumes
& ditch and pump into or rebuild a new ditch.
This ditch has been out for many years.

upper ditch heads approx. center of sec. 16.
Headed out of creek into a flume

Flume (out) from rock slides in canyon
Mr. Joyce said Mr. Ringling told him, he thought
at present time would cost about $15,000
to rebuild. Does not plan to rebuild at present
time. To expensive.
This ditch not in use for long time
Ditch extends over to sec. 12 was used to
irrigate most of south half of 12.
Flumes on this ditch all out.

1759	Berkin, Hallie a	Shifler	7-1-05	9-17-07	200
1760	Berkin, John	" "	3-25-12	3-25-12	500

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 12 N Range 5 E County Meagher

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

Township 12 N Range 5 E

Township 12 N Range 5 E County Meagher

Parcel Number	Name of Owner	Address
7A	Northwestern Finance Corp.	White Sulphur
	Joyce, Walter (Buying	" "

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 12 N Range 4 E County Meagher

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

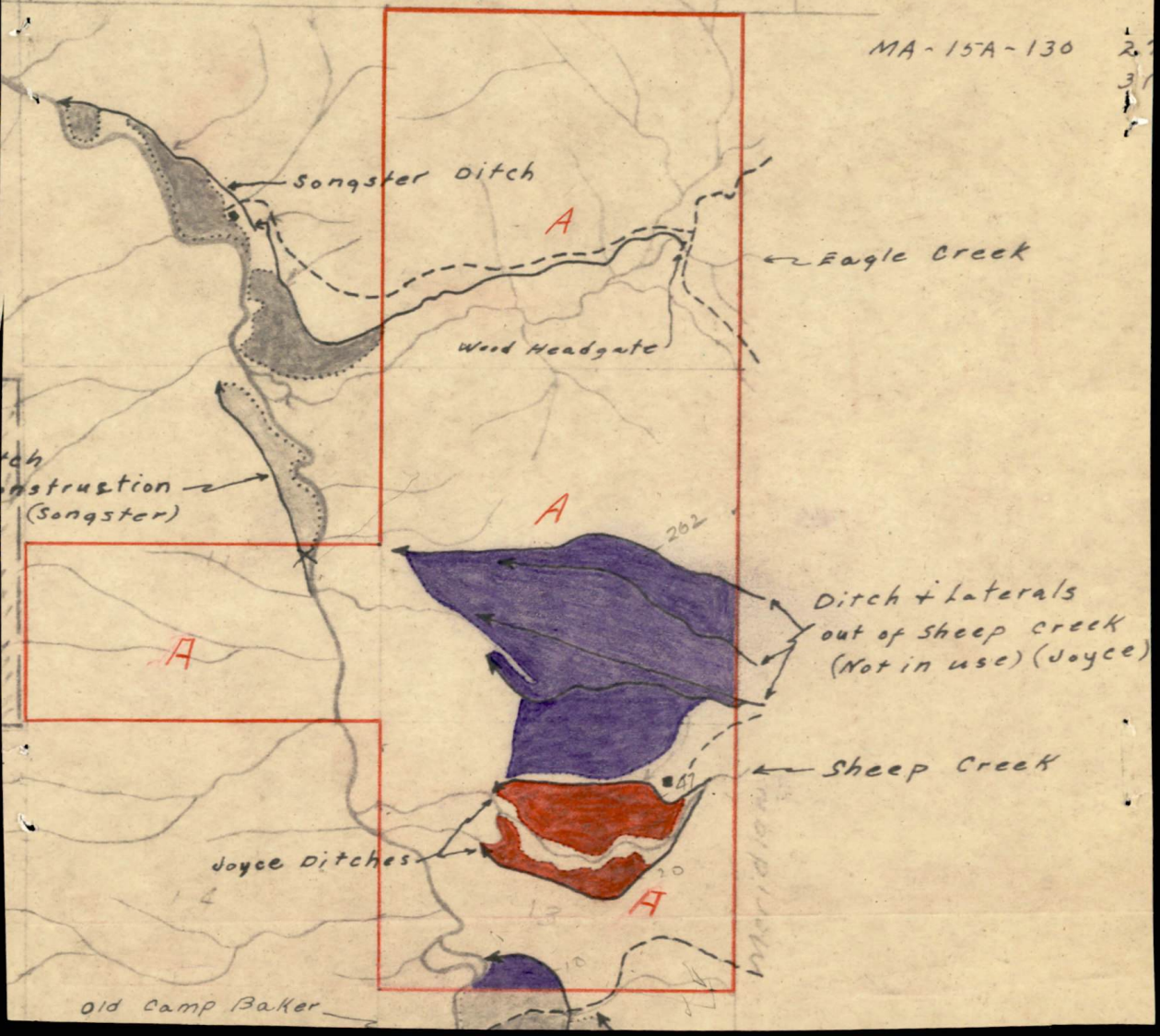
Township 12 N Range 4 E

Township 12 N Range 4E County Meagher

Parcel Number	Name of Owner	Address
12A-13A	Northwestern Finance Corp.	White Sulphur
	Joyce, Walter (buying)	" "

T. 12 N - R. 4 E

MA - 15A - 130



Form WR-B
Reporter 17362 -49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Twp. 12N Rge. 4E
Twp. 12N Rge. 5E
Twp. ____ Rge. ____

County Meagher
Code No. 12A-13A

Name of Land Owner Northwestern Finance Co. Address White Sulphur Springs
Name of Operator Joyce, Walter Address " " "
Legal Description

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

North

Code No. 12A, 13A	System	old Joyce Ditch (Not in Use)			Source of Water	Sheep Creek					
Basin Smith River	Present 0	Potential 262.0	Maximum 262.0	R ✓	F	P	G ✓	S			
Code No. 13A	System	Joyce Ditches			Source of Water	Sheep Creek					
Basin Smith River	Present 67.0	Potential 0	Maximum 67.0	R ✓	F	P	G ✓	S			
Code No. 13A	System	Johnston Bros Ditch			Source of Water	Smith River					
Basin Smith River	Present 0	Potential 10.0	Maximum 10.0	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 sysem

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 H. L. B. Date 5/23/50

Also in T. 13N-R. 4E

#16

Farm Checked

By Dave & Joe

Area Eagle Creek

Date 8/18/49

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 2A-3A-11B

County Meagher

T. 12N R. 4E Sec. 2

Photo No. 15A-90-91-92

Legal Land Owner Songster Walter A. Address White Sulphur

Operator Theo. Shannon Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity Ditches Pres. Pl. 73.0 Pot. Pl. 23.0

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

~~Size and Capacity, Pump, etc.~~

Original Appropriator, ~~Company~~ Eagle Cr. - Calvin L. Allen — 787 O.K.
Smith R. - Calvin L. Allen — 1839 O.K.
" " - Wm. Trotter App. No. 1903 O.K.

Original Appropriator, Private Eagle Cr - Walter A. Songster App. No. D55 O.K.
Spring Cr. — Wm. Trotter — 1894 O.K.
Spring Cr. - C. L. Allen — 1927 ?
Spring Cr. - Thomas A. Berkin — 1932 ?

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 Eagle Creek, Spring Creek, Smith River
sec. 2 - present 115 ac. ?

Acres Irrigated 1949, 73.0

Potential Acres 23.0 Seeped _____

Explain _____

Condition of System good

Adequate Supply..... Yes ✓ No _____

Explain Most years - This year less water.

Topography Bench & River bottoms

Information From Walter A Songster

Remarks Having ditch serveyed out of Smith River - Ditch will be 1900 ft. long - 4' wide - 5 ft. deep. Also plans a pumping project.

See attached map.

Songster Home Place on Smith River - was site of saw mill at one time.

Smith River

Proposed ditch to be taken out of River Has been serveyed and was expecting contractor to start on ditch, when we were there. This ditch to be 1900 ft long. 4 ft. wide and 5 ft. deep - to irrigate about 70 acres. located in Sec. 11 - T 12N - R. 4E.

(Eagle Creek)

Ditch with wooden headgate in SE¼, Sec. 1 T12N-R.4E

→ D 55 Walter A. Songster.

Ditch Runs Sowthwest through sec. 1 then N West into Sec 2. To irrigate hay meadows in Sec. 2. - Has Metal drop with elbow to lower part of ditch. also lateral to irr. yard.

(Spring Creek)

Series of ditches in Sections 24, 25 - T 13N-R.4E

One ditch out of big dam and reservoir in NW¼, Sec. 19 - T 13N - R. 5E. irrigates hay meadows.

one Old ditch - dam out and flume out in SW¼ Sec. 26 - T 13N - R. 4E. - This ditch would pick up water from Ray Creek.

Would irrigate bench above River - in Sec. 34

Smith R. → Also old ditch out of River in NW¼, Sec 34

Dam in River (out) - would irrigate river bottom.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Eagle Creek

Date 8/18/49

Code No. 24B-25A-34A

County Meagher

T. 13N R. 4E Sec. 24, 25, 34

Photo No. 15A-92

Legal Land Owner Songster, Walter Address White Sulphur

Operator Theo. Shannon Address " "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System Gravity ditches Pres. Pli Pot. Pli.

Totals ____ ____

Flood ____ Pump ____ Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private ____ App. No. ____

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

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

(If No, show break down on map)

Source of Water Spring Creek

Acres Irrigated 1949 Pli

Potential Acres Pli Seeped ____ Dam, Hdgate, Flume

Explain Pot. land in Sec. 34 (out for this sec.)

Condition of System good

Adequate Supply ..... Yes ✓ No ____

Explain Adequate supply for Sec. 24, 25

Topography Creek bottom

Information From ____

Remarks Large reservoir, also creek has many dams built by beaver holding water.

See Master form for additional ~~inform.~~ inform.

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 12 N Range 4 E County Meagher

6	5	4	3 A	2 U.S A U.S	1
7	8	9	10	11 B	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 12 N Range 4 E

Township 12 N Range 4 E County Meagher

Parcel Number	Name of Owner	Address
2A-3A-11B	Songster, Walter	White Sulphur

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Eagle Creek

Date 8/18/49

Code No.

County Meagher

T. 12N 13N R. 4E 4E Sec.

Photo No. 15A-90-92

Legal Land Owner Songster, Walter Address White Sulphur

Operator Theo. Shannon Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Gravity ditches Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

Is the system an extension of another system? Yes No

Is all land irrigated from one system? Yes No

(If No, show break down on map)

Source of Water Smith River

Acres Irrigated 19____,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography River bottom

Information From

Remarks Proposed new ditch - ~~Survy.~~ Surveyed to irrigate about 70 acres - Sec 11

Also old ditch in sec 34 - Not in use - T. 13N - 4E

See Master form.

787	Allen, Calvin L.	Eagle Creek	9-26-98	200
1927	" " "	Spring Cr.	5-15-86	150
1932	Berkin, Thomas A.	" "	5-4-99	150
0-55	Songster, Walter A.	Eagle Cr.	-1883	110

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 13 N Range 4 E County Meagher

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

Township Range

Township 13N Range 4E County Meagher

Parcel Number	Name of Owner	Address
24B-25A	Songster, Walter	White Sulphur
34A		

Form WR-B
Reporter 1736 -2-49

Twp. 12N Rge. 4E
Twp. 13N Rge. 4E
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

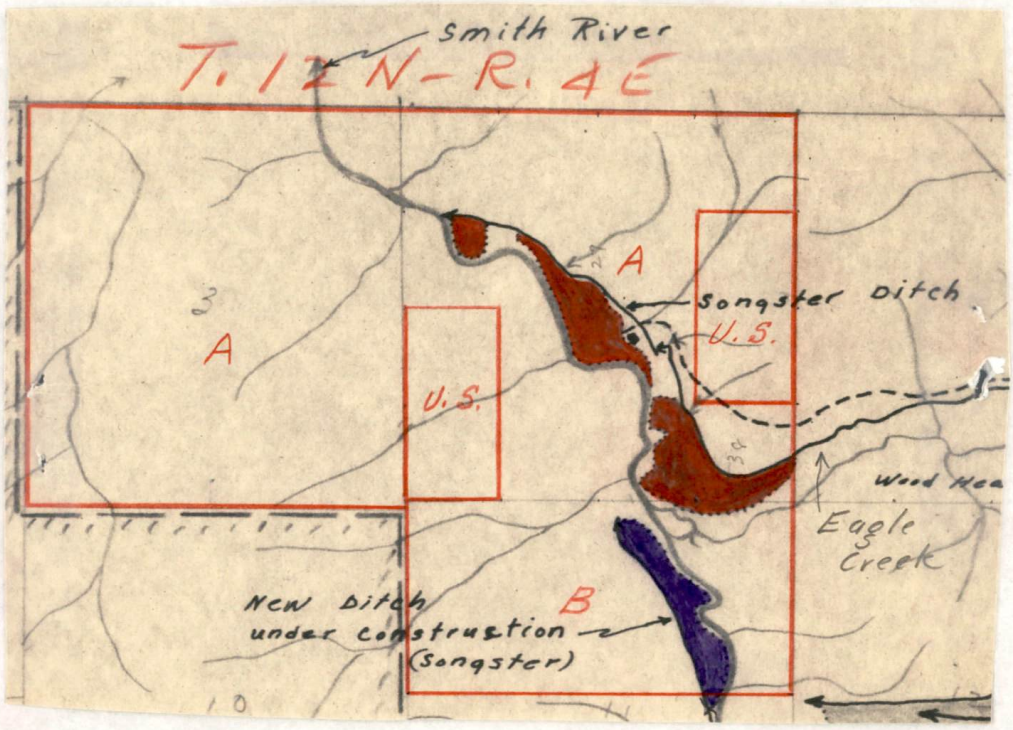
FARM MAP

County Meagher
Code No. 2A, 3A, 11B

Name of Land Owner Songster, Walter A. Address White Sulphur Springs
Name of Operator Theo. Shannon Address " " "
Legal Description

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

North



Code No. 2A 11B	System Songster Ditch			Source of Water Eagle Creek						
Basin Smith River	Present 73.0	Potential 0 (New & under Const)		Maximum 73.0	R ✓	F	P	G ✓	S	
Code No. 11B	System Songster Ditch			Source of Water Smith River						
Basin Smith River	Present 0	Potential 23.0		Maximum 23.0	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 sysem

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 H. L. B. Date 5/22/50