Form WR-B
Reporter 20168 2M 12-49

Twp. 8 N Rge. 6 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County MEAGHER
Code No. 26A

Name of Land Owner Birky, Menno & Benjamin Address White Sulphur
Name of Operator Birky Bros. Address " "
Legal Description

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

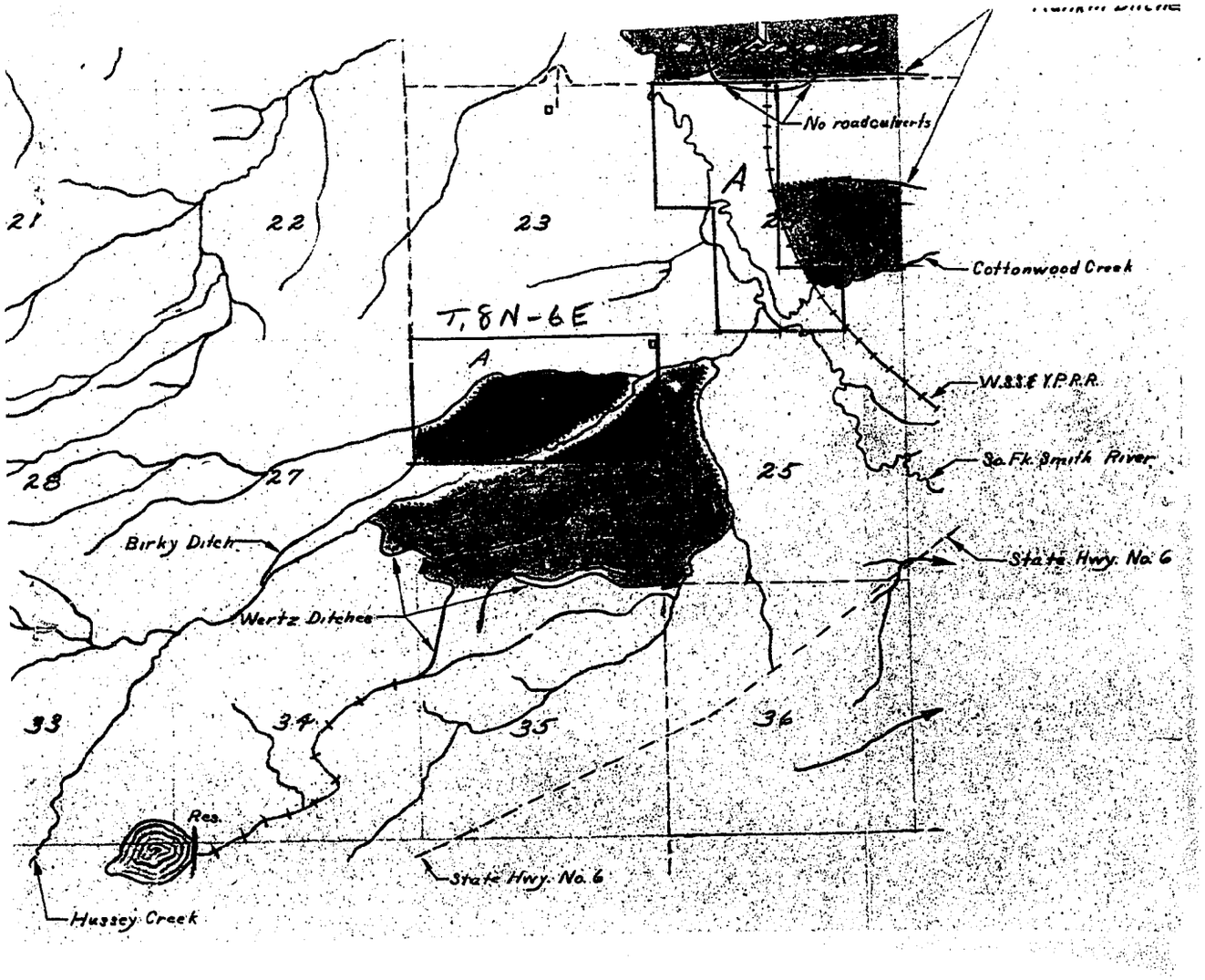
North

Code No. 26A System Birky Ditch Source of Water Hussey Creek
Basin So. Fk. South River Present 123 Potential 46 Maximum 169 R ✓ F P G S
Code No. 24A System Raskin Ditch Source of Water Cottonwood Creek
Basin So. Fk. South River Present 0 Potential 6 Maximum 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

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 W. L. B. Date 2/9/51


No roadculverts
A
21
22
23
Cottonwood Creek
T.8N-6E
A
W.&S.F. Y.P.R.R.
So. Fk. Smith River
28
27
25
Birky Ditch
State Hwy. No. 6
Wertz Ditches
33
34
35
36
Res.
State Hwy. No. 6
Hussey Creek

Form Checked

By Dave & Joe

Area Cooks Creek

Date 10/6/49

FORM F-1 REPORTER 1M 3-49 17380

Code No. 7A, 18A, 17A,

County Meagher

T. 8N (8N-6E) R. 5E Sec. 7, 8, 17, 18

Photo No. 15A-05, 04

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Legal Land Owner Mangel, Russell Address White Sulphur

Operator Same Address " "

(called Cook Ranch)

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. 1151, 1152

App. for this TWP.
Cook's Cr. - 570 - 571
Cottonwood Cr. - 591 - 636
Fords Cr. 952
Fk. Mill Cr. 1332
Unnamed Spg. 2563
2595
2669
2721

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 Independence Creek

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply ..... Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks For additional ditch information see form #50

For other file Numbers see Master Form #32

#51

(2)

New Ditch heads in NW, SE¼, Sec. 24 extends northwesterly into Res. in Sec. 13 this ditch not completed as yet.

Ditch out of creek in N/E, SW¼, Sec. 18 - T8N-R.6E extends west about ¼ mile and branches three ways. Short ditch spills to stock water res. in SE¼ Sec 17.

One extends north and laterals to irr. land in Sec. 7, 8, 17, 18 - T8N-R.6E.

Ditch out on westside of creek runing northwest to irrigate land in Sec. 7, 18.

1151	Cook, C. N.	Independence Cr.	6-18-80	9-25-97	500
1152	Walker, Frank	" "	10-5-13	11-10-13	1000
570	Cook, Chas. N.	Cook's Creek	5-1-74	4-5-92	200
571	Walker, Frank	" "	10-7-13	11-10-13	1000
591	Cattin, Geo, Edwin, C.B.	Cottonwood Cr.	5-1-88	12-17-88	1000
636	Smith River Dev. co.	" "	10-5-11	10-14-11	5000
952	Cattin, Chas, Geo + Edwin	Ford's Creek	5-1-86	7-13-87	300
1332	Kessler, Adolph + Frank Walker	Mill Creek	7-15-11	4-27-12	2000
2563	Betzel, Marvin L.	Unnamed Spring	10-12-12	10-14-12	100
2595	Demaray, Alonzo	" "	8-16-09	8-16-09	160
2669	Knox, William R	" "	8-6-17	8-6-17	50
2721	Rumelhart, J. J.	" "	4-18-19	4-10-19	15

Form Checked

By Dave & Joe

Area So. Fk. Smith R.

Date 10/4/50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 2A, 3A, 11A

County Meagher

T. 8N R. 6E Sec. 2, 3, 11
9N - 6E

Photo No. MA-40-33; 34

Legal Land Owner Manger, Russell Address White Sulphur

Operator Same (Harry Ranch) Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

~~Irrigation District~~ Manger-Ewards Ditch (Mutual) Pres. _____ Pot. _____

Private System Harry-Klave Ditch Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓ Regular

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. 1868, 2790
1844, 1853, 1858

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 So. Fk. Smith River

Acres Irrigated 1950

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply: Yes ✓ No _____

Explain _____

Topography Creek bottom

Information From _____

Remarks _____

For other file numbers see Master Form #32

#51

So. Fk. Smith River: (Manger-Ewards Ditch
Ditch heads in the NE¼, Sec. 14
Extends north through Sec. 11, 2.
For hay meadows. Has board & earth
dam.

Harry-Klaue Ditch heads in the NE¼,
Sec. 14 and extends north through
Sec. 11 & 2
For land in Sec. 2 & 11.

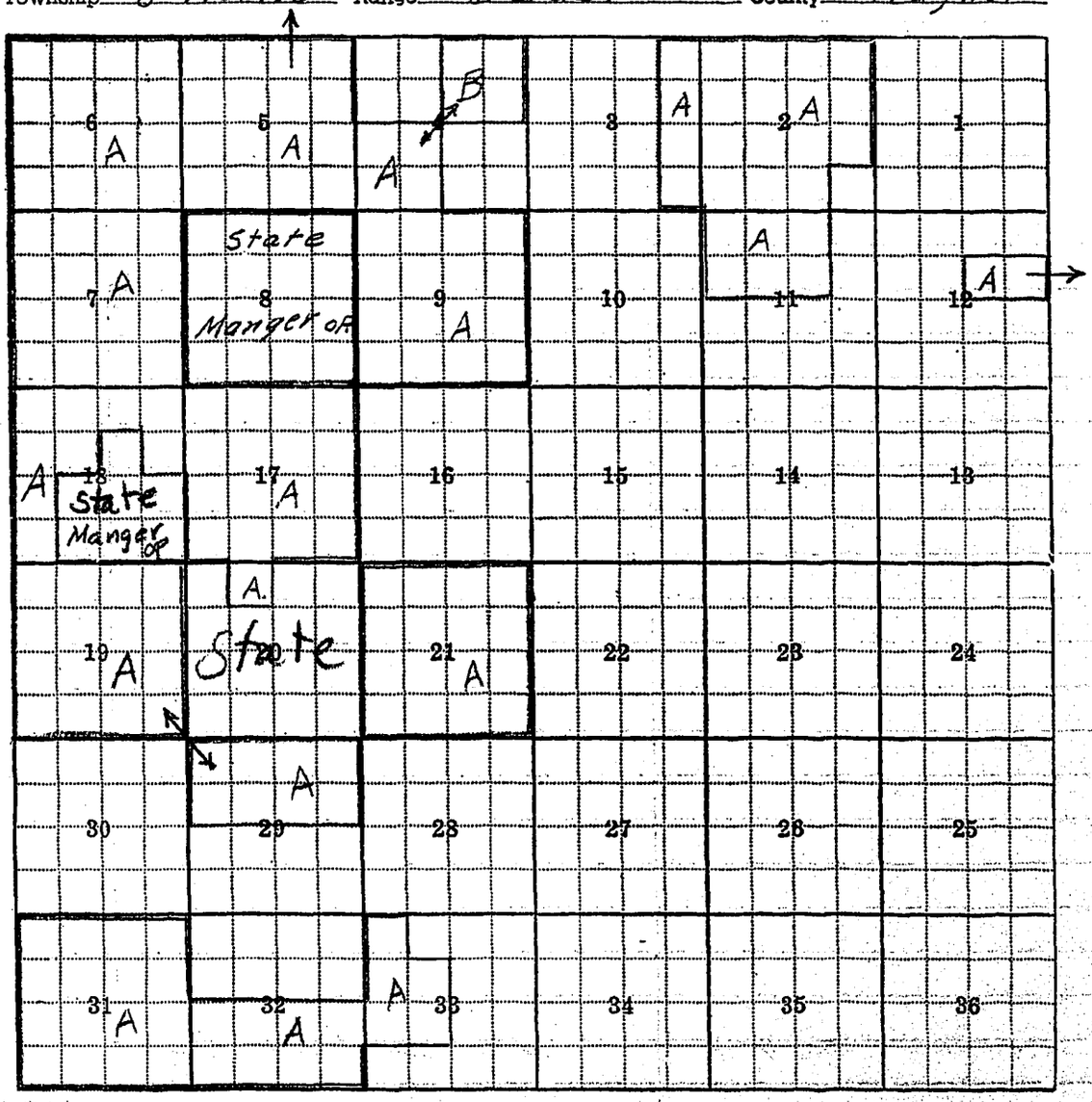
Appro. No.			Approp.	Filed	M.I.
1844	Bryan, E.B.	Smith River	7-23-85	7-23-85	150
1853	Dunforth, N.A.	" "	3-31-81	3-31-81	200
1858	Dunn, Geo. N.	" "	9-16-81	9-16-81	400
1868	Harry, J.T.	" "	3-26-81	3-31-81	300
2790	Manger Ranches Inc.	Moss agate Well	11-24-39	11-30-39	500

FORM D-I—REPORTER PRTG.—1M 7-50—22122 STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8 North Range 6 East County Meagher



Manger, Russell

Township 8 N Range 6 E

Township 8 N Range 6 E County Meagher

Parcel Number	Name of Owner	Address
	Manger, Russell	White Sulpher

Form WR-B
Reporter 20168 2M 12-49

Twp. 18N Rge. 6E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 7A-1R4-17A

Name of Land Owner Manger, Russell Address Utica, Montana
Name of Operator Address
Legal Description

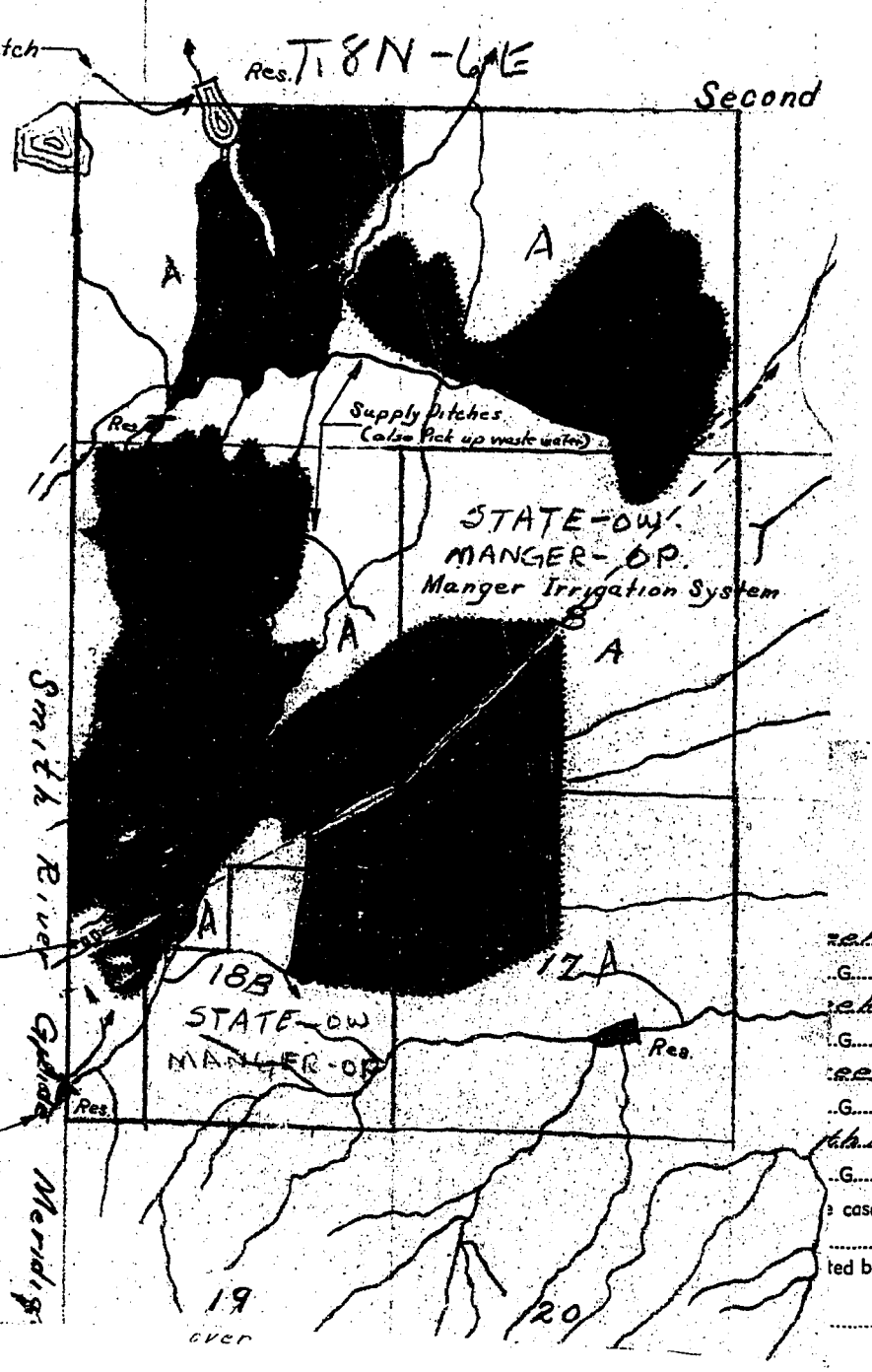
Irrigated Land | Non-Irrigated Land | Potential Land Under Existing Facilities

North

Also in files #50 #43 #44 #52 #22 #23 #33 #33 #66 #73

M.R.I.
Dec. 11, 1950

9



Code No.
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Informati

over

...eek ...G. ...S.
...eek ...G. ...S.
...eek ...G. ...S.
...th River ...G. ...S.
...e case may be
...ted by gravity.

Form WR-B
Reporter 20168 2M 12-49

Twp. 8 N Rge. 6 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

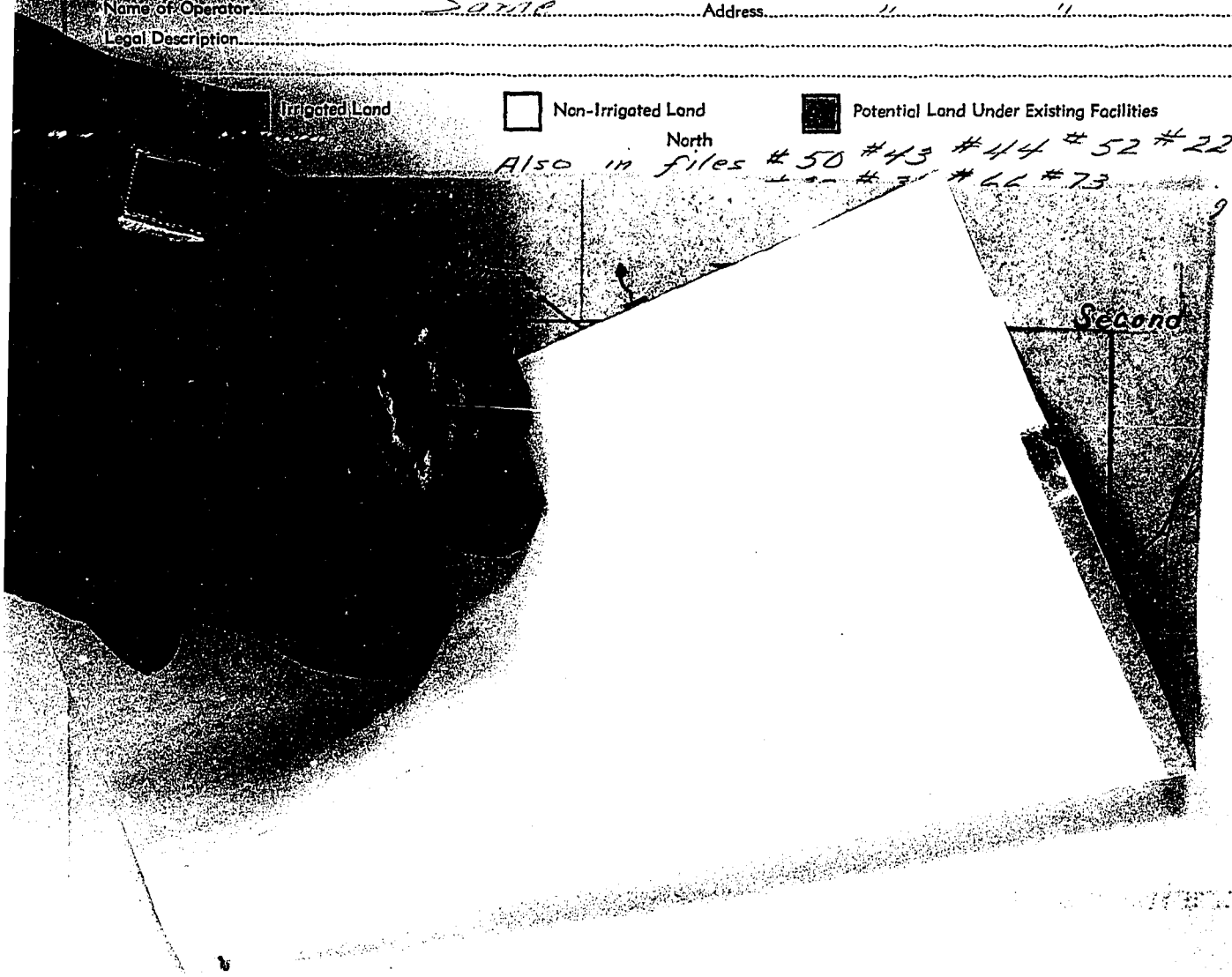
County Meagher
Code No. 7A-18A-17A

Name of Land Owner Manger, Russell Address White Sulphur
Name of Operator Same Address " "
Legal Description

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

North

Also in files #50 #43 #44 #52 #22 #23 #46 #73



Code No. 5A, 6A, 7A System Manger Supply Ditches Source of Water Cooks Creek
Basin So. Fk. Smith River Present 404 Potential 142 Maximum 546 R ✓ F ___ P ___ G ___ S ___

Code No. 7A, 17A, 18A System Manger Ditches Source of Water Cooks Creek
Basin So. Fk. Smith River Present 649 Potential 153 Maximum 802 R ✓ F ___ P ___ G ___ S ___

Code No. 8A, 18B (State) System Manger Ditches Source of Water Cooks Creek
Basin So. Fk. Smith River Present 182 Potential 0 Maximum 182 R ✓ F ___ P ___ G ___ S ___

Code No. 2A System Bair-Edward Ditch (sub.) Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 7 Potential 0 Maximum 7 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 H. L. B. Date 2/9/51

over

Form WR-B
Reporter 20168 2M 12-49

Twp. 8N Rge. 6E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

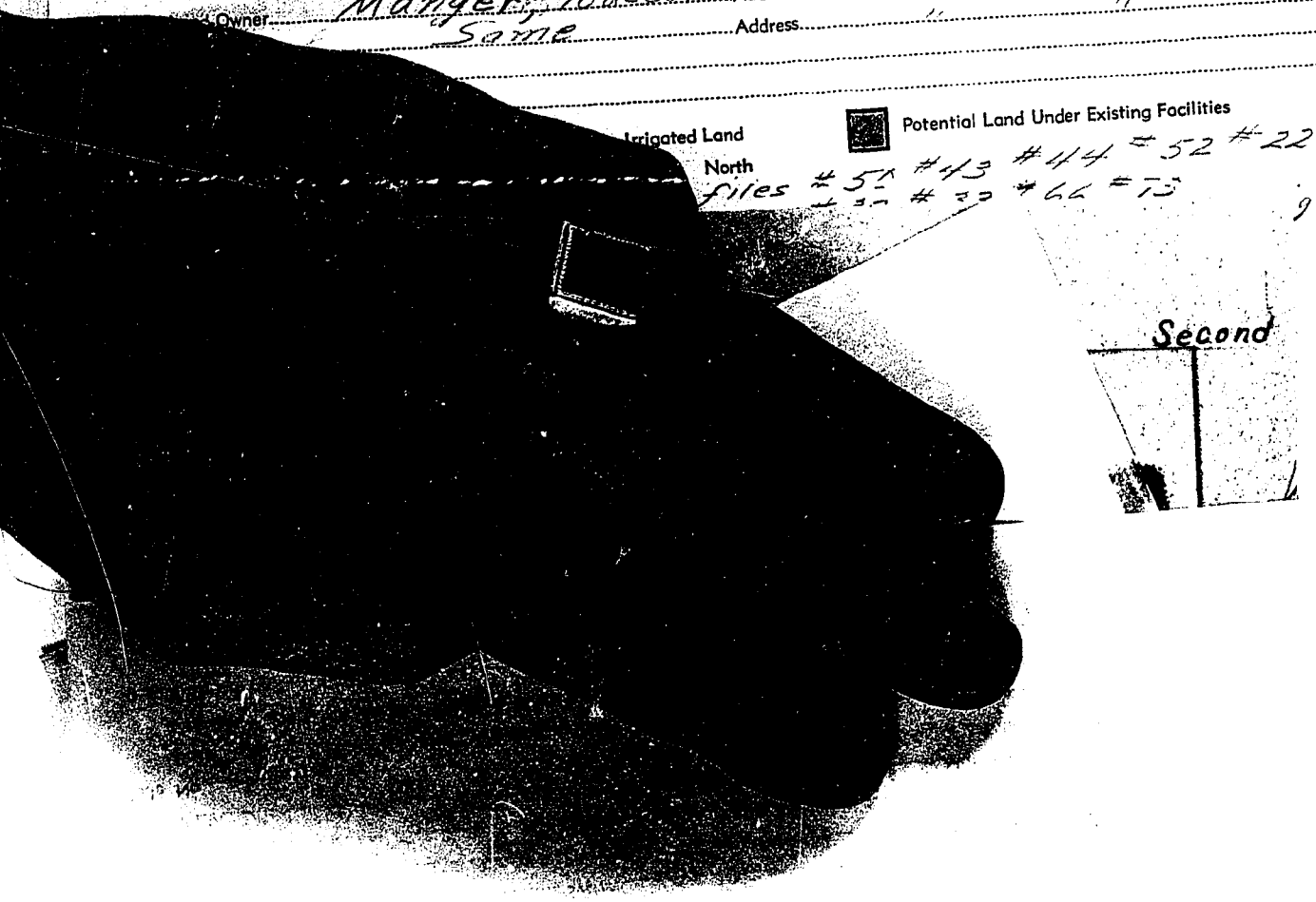
County Meagher
Code No. 7A-12A-17A

Owner Manger, Russell Address White Sulphur
Same Address " "

Irrigated Land
Potential Land Under Existing Facilities

North

files #51 #43 #44 #52 #22 #23 #33 #33 #66 #73



Code No. 2A, 11A System Manger-Edwards Ditch Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 98 Potential 266 Maximum 364 R✓ F P G S
Code No. 2A, 3A System Baer Ditch (sub. Irr.) Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 14 Potential 0 Maximum 14 R✓ F P G S
Code No. 2A, 3A, 11A System Harry-Klaus Ditch Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 134 Potential 0 Maximum 134 R✓ F P G S
Code No. 12A System Manger Ditch Source of Water Fends Creek
Basin So. Fk. Smith River Present 80 Potential 0 Maximum 80 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 [illegible] Date 3/2/51

FORM F-1 · GAZETTE 1665-2M-1-47

Farm Checked

By

Area Cottonwood Cr.

Date

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 24 B

County MEAGHER

T. 8 N R. 6 E Sec. 24

Photo No. 40 - 33

Legal Land Owner NORTHWEST FINANCE CORP. Address

Operator B. J. McLAUGHLIN Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System RANKIN DITCH 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

Acres Irrigated 1949 —

Potential Acres Seeped

Explain

Condition of System

Adequate Supply — Yes No

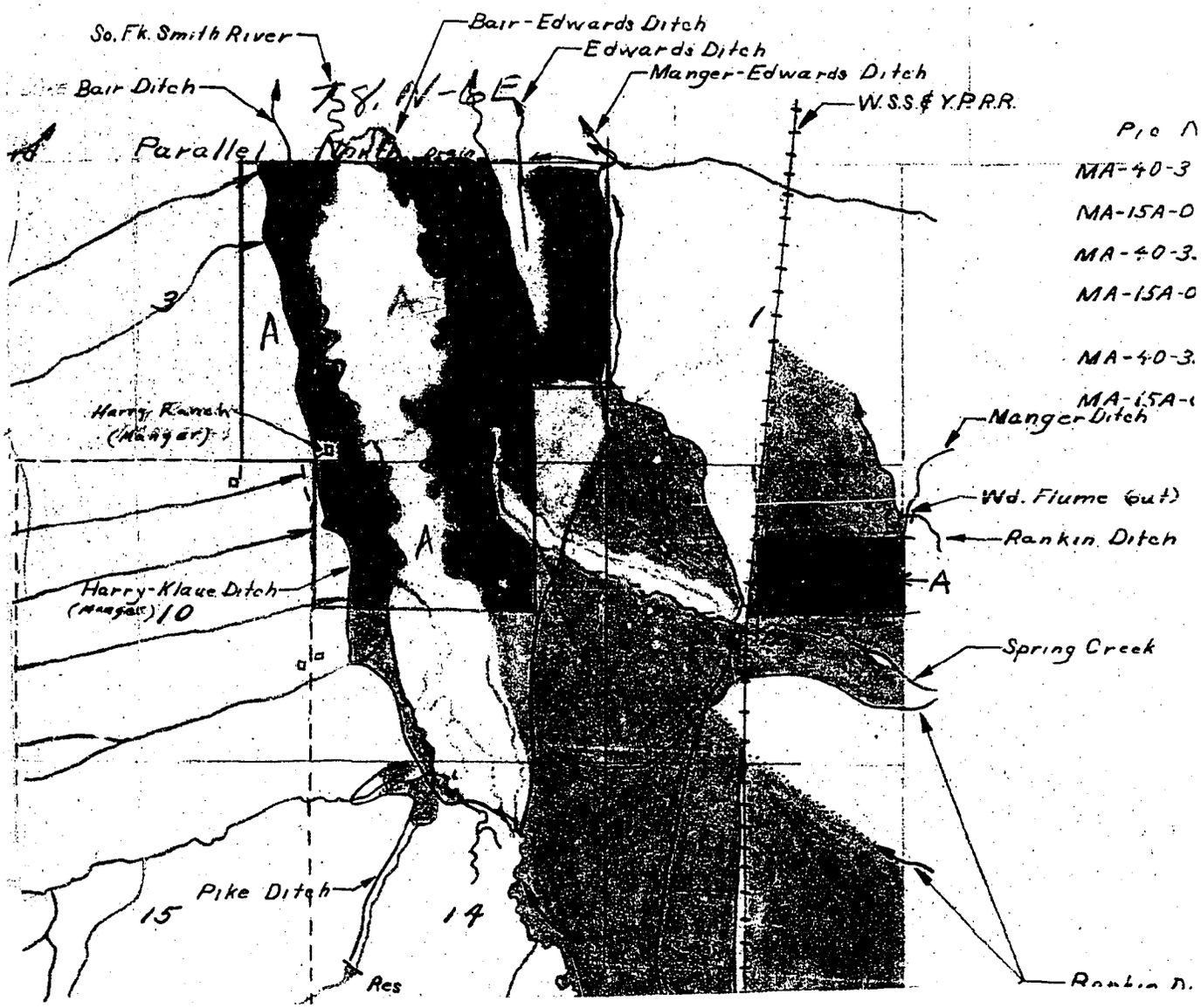
Explain

Topography

Information From Office

Remarks

See Attached map


So. Fk. Smith River
Bair-Edwards Ditch
Edwards Ditch
Manger-Edwards Ditch
Bair Ditch
W.S.S. & Y.P.R.R.
Parallel
A
A
A
A
Harry Ranch (Manger)
Manger Ditch
Wd. Flume (out)
Rankin Ditch
Harry-Klaue Ditch (Manger)
10
Spring Creek
Pike Ditch
15
14
Res
MA-40-3
MA-15A-0
MA-40-3.
MA-15A-0
MA-40-3.

Form WR-B
Reporter 20168 2M 12-49

Twp._____Rge._____
Twp._____Rge._____
Twp._____Rge._____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

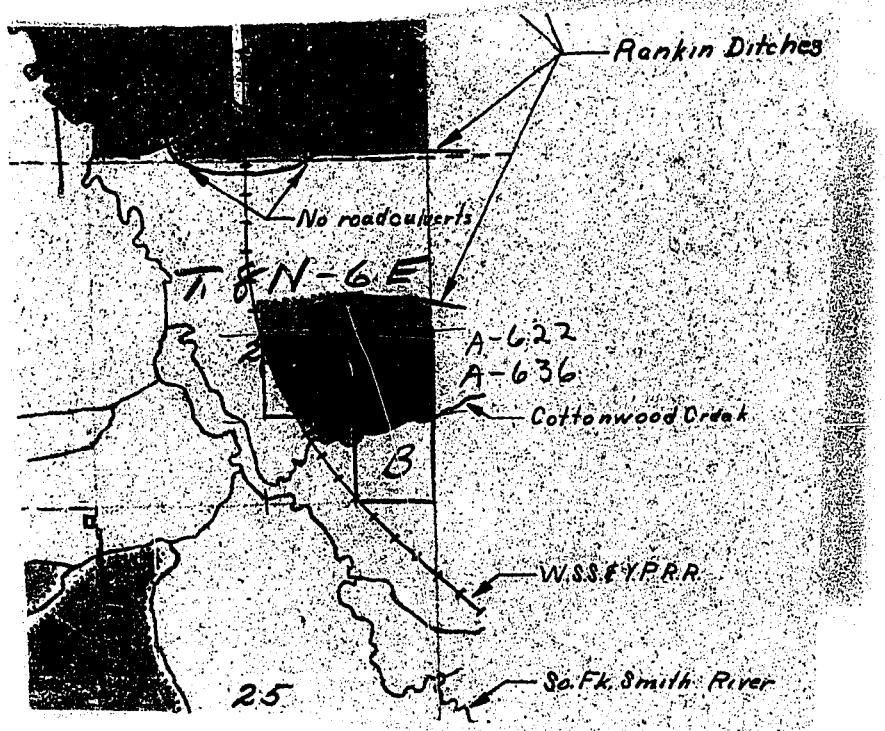
FARM MAP

County_____
Code No._____

Name of Land Owner.....Address.....
Name of Operator.....Address.....
Legal Description.....

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities

North



Code No. 24B System Rankin Ditch Source of Water Cottonwood Creek
Basin South Fk. Smith River Present 0 Potential 73 Maximum 73 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 H. L. B. Date 2/9/51

Farm Checked

FORM F-1 REPORTER 1M 3-49 17360

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area So. Fk. Smith River

Date 9/27/50

Code No. 14 A

County Meagher

T. 8 N R. 6 E Sec. 14

Photo No. MA-40-33

Legal Land Owner Pike, W. A. Address White Sulphur

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Pike Ditch _____ Pres. _____ Pot. _____

_____ Totals _____

Flood _____ Pump _____ Reservoir ✓ Gravity ✓ Regular

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private None Shown App. No. _____

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

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

(If No, show break down on map)

Source of Water Coulee Trib to So. Fk. Smith River

Acres Irrigated 1950 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply..... Yes ✓ No _____

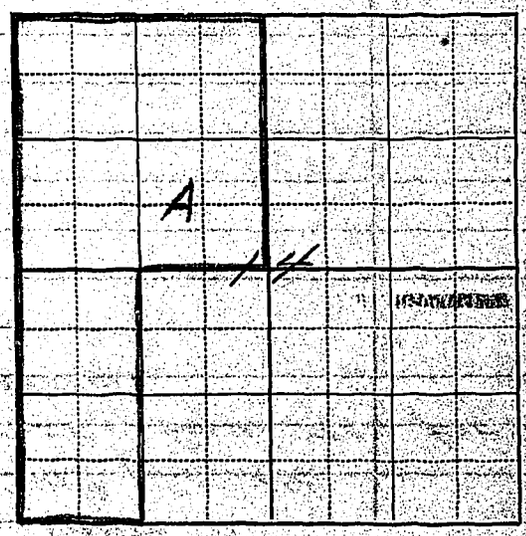
Explain Enough for purpose

Topography Slight Slope to creek

Information From W. A. Pike

Remarks _____

See Over



#51

Coulee Trib to So. F.K. Smith R:
Reservoir in the NW, SW 1/4, Sec. 14
Ditch extending northeast from res. for
small meadow and gardens.

Form WR-B
Reporter 20168 2M 12-49

Twp. 8N Rge. 6E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

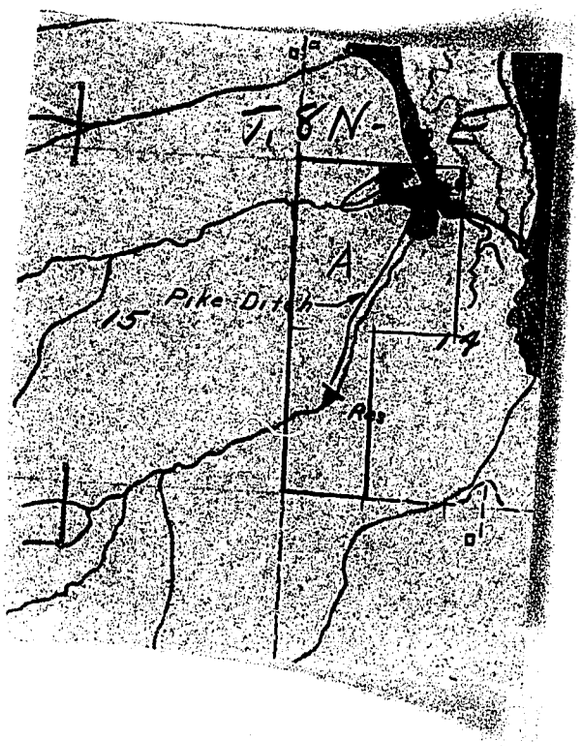
FARM MAP

County MEAGHER
Code No. 14A

Name of Land Owner Pike, W. A. Address White Sulphur
Name of Operator Same Address " "
Legal Description

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

North



Code No. 14A System Pike Ditch Source of Water Unnamed Coulee Trib. to So. Fk. Smith River
Basin So. Fk. Smith River Present 14 Potential 6 Maximum 20 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 W. L. B. Date 2/9/51

#51

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Cottonwood Creek

Date 9/30/49

Code No. 11B, 12B, 13A, 14B, 24C

County Meagher

T. 8N R. 6E Sec. 11, 12, 13, 14

Photo No. MA-40-37

Legal Land Owner Franklin Wellington D. Address Helena, Mont.

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Rankin Ditch _____ Pres. _____ Pot. _____

Totals _____

Flood ✓ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. 2790-636-953-591-952-1946-1848 5955-1895

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 Cottonwood Creek, Spring Creek

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

See information Cottonwood Cr.
T. 8N - R. 7E

#51

Approp. No.	Appropriator	Stream	Date approp.	Date filed	M.I.
591	Cattlin, Geo., Edwin, C. B.	Cottonwood Cr.	5-1-88	12-17-88	1000
595	Cattlin, Wm. E.	" "	5-24-88	3-13-90	200
636	Smith River Dev. Co.	" "	10-5-11	10-14-11	5000
952	Cattlin, Chas., Geo. & Edw.	Ford's Creek	5-1-86	7-13-87	300
952	" " " "	" "	4- -81	12-17-88	200
1848	Camp, John H.	Smith River	4-5-81	4-5-81	200
1895	Rees, John	" "	4-12-83	4-12-83	160
1946	Cattlin, C. B. & Geo.	Spring Creek	6-5-80	6-7-80	200
2790	Mangin Ranches Inc.	Moss Agate Well	11-24-39	11-30-39	500

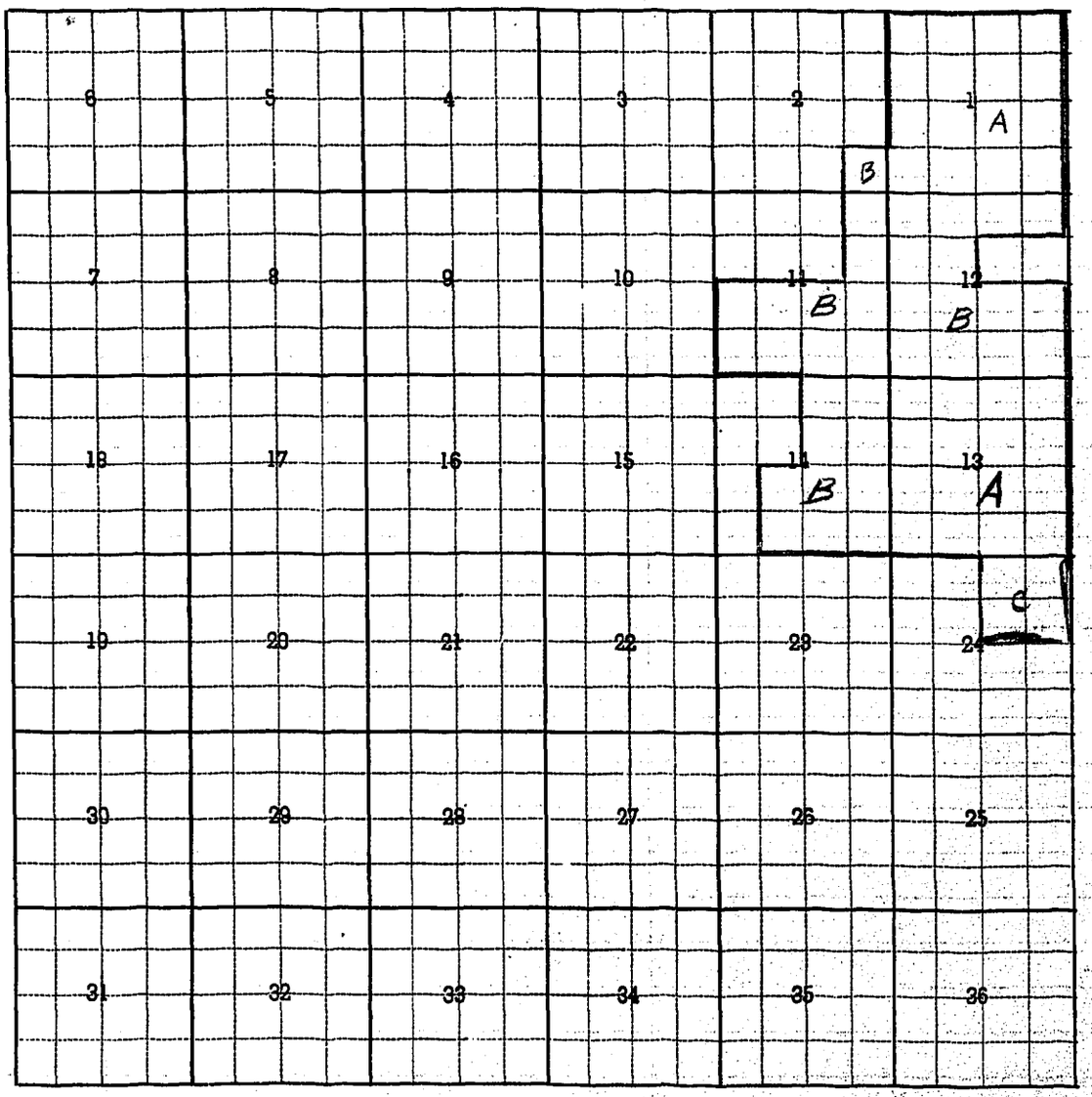
FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 8 North Range 6 East County Meagher



Township Range

Township 8 North Range 6 East County Meagher

Parcel Number	Name of Owner	Address
11B, 12B, 13A 14B	Rankin, Wellington D.	Helena Montana

Form WR-B
Reporter 17362 1M-2-49

Twp. 8N Rge. 6E
Twp. 8N Rge. 5E
Twp. 8N Rge. 5E
8N 7E

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

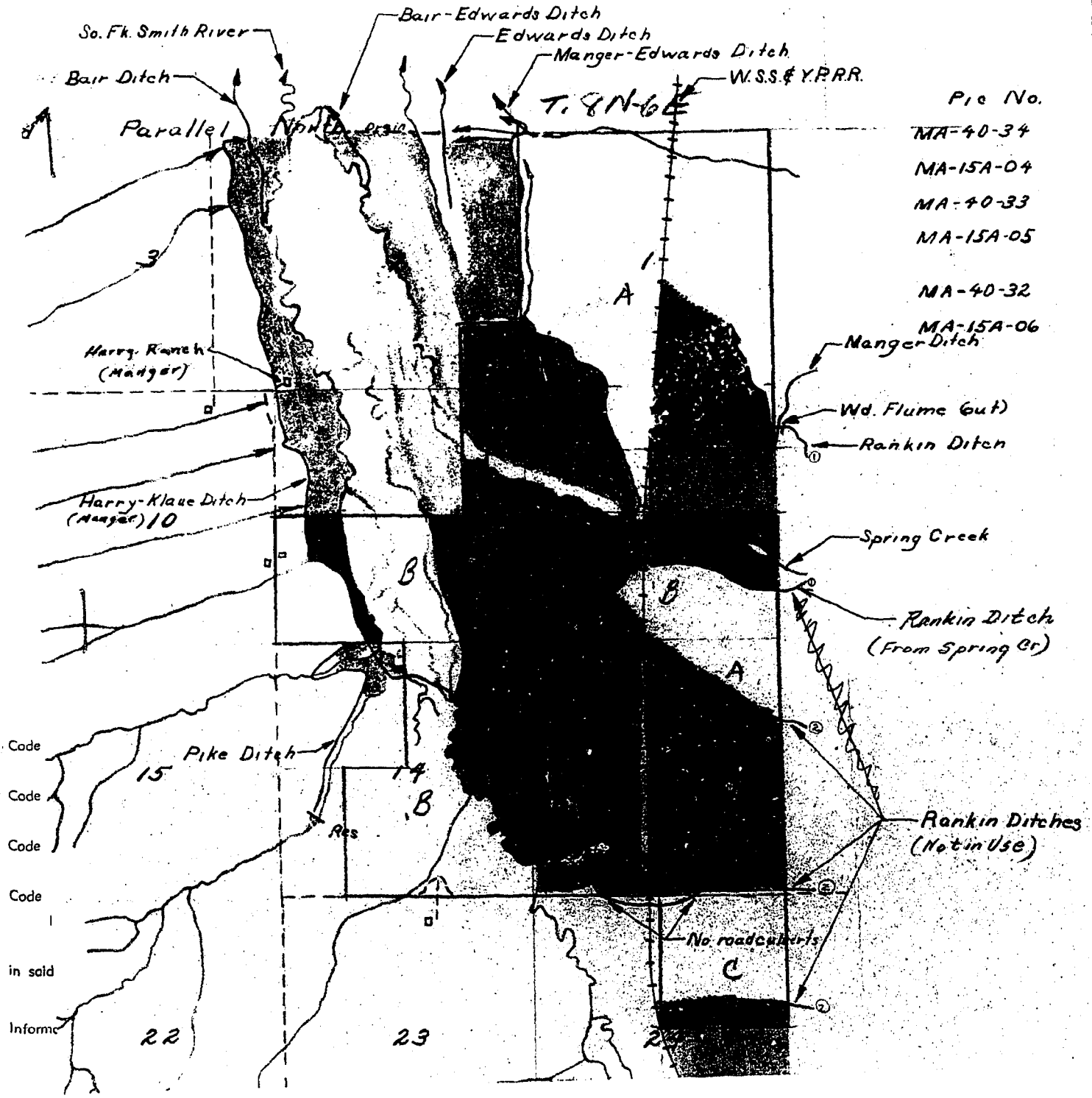
FARM MAP

County Madison
Code No. 11B 12B
13A, 14B

Name of Land Owner [illegible] Address [illegible] Montana
Name of Operator [illegible] Address [illegible]
Legal Description

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

North



Form WR-B
Reorder 17362 1M-2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 11B, 12B
13A, 14B

T. 9N-R. 6E
T. 8N-R. 7E

Wellington D. Address Helena

Address

See Master Map in T. 9N-R. 5E #42

1. Code No. 1A, 2B, 11B, 12B System Rankin Ditches Source of Water Spring Creek
Basin So. Fk Smith River Present 353 Potential 196 Maximum 549 R ✓ F P G S
2. Code No. 11B, 12B, 13A, 14B, 24C System Rankin Ditches Source of Water Cottonwood Creek
Basin So. Fk. Smith River Present 0 Potential 748 Maximum 748 R ✓ F P G S
Code No. 2B, 11B System Manger-Edwards Ditch Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 2 Potential 85 Maximum 87 R ✓ F P G S
Code No. 11B System Harry-Klaue Ditch Source of Water So. Fk. Smith River
Basin So. Fk. Smith River Present 0 Potential 2.6 Maximum 2.6 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 2/9/51

Form WR-B
Reporter 17362 1M-3-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 11B, 12B
13A, 14B

TWP. 8 N Rge. 6 E ✓
TWP. 8 N Rge. 5 E
TWP. 8 N Rge. 5 E
7 E

T. 9N-R. 6E
T. 7N-R. 7E

Franklin, Wellington D. Address Helena Mont.

Name Address

Prior

Code No. 12B System Manger Ditch Source of Water Fords Creek
Basin So. Fk. Smith River Present G Potential 2.5 Maximum 2.5 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 ma
in said system

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

Information from H. L. B. Date 2/9/54

FORM F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Dave & Joe

Area Hussey Creek

Date 9/14/50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 25A, 26B, 27A,

County Meagher

T. 8N R. 6E Sec. 22, 25, 26, 27, 34, 35

Photo No. MA-40-32

Legal Land Owner W Ranch Wertz, Herbert Address White Sulphur

Operator Same Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Wertz Ditches Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓ Regular

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Finton, Albert & Shade, Ward A. Finton, Albertine; Cook Sheep Co. Hendrickson, Arthur & John App. No. 1144, 1143, 1142, 1139

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 Hussey Creek.

Acres Irrigated 1950

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply Yes ✓ No

Explain

Topography Rolling and slight Slope

Information From Field Survey

Remarks

#51

Hussey Creek.

Supply ditch to reservoir, heads in the SW, NW¼, Sec. 4 - T 7N - R. 6E

Reservoir located on corners of Sec. 33, 34 & 3 & 4

Water is spilled into draw and is picked up in NE¼, Sec. 34

Irrigates land in Sec. 25 & 26 - T8N+R.6E

Another ditch heads in the SE, SE¼ Sec. 27 This ditch extends in a easterly direction, irrigates land in Sec. 25, 26 & 27.

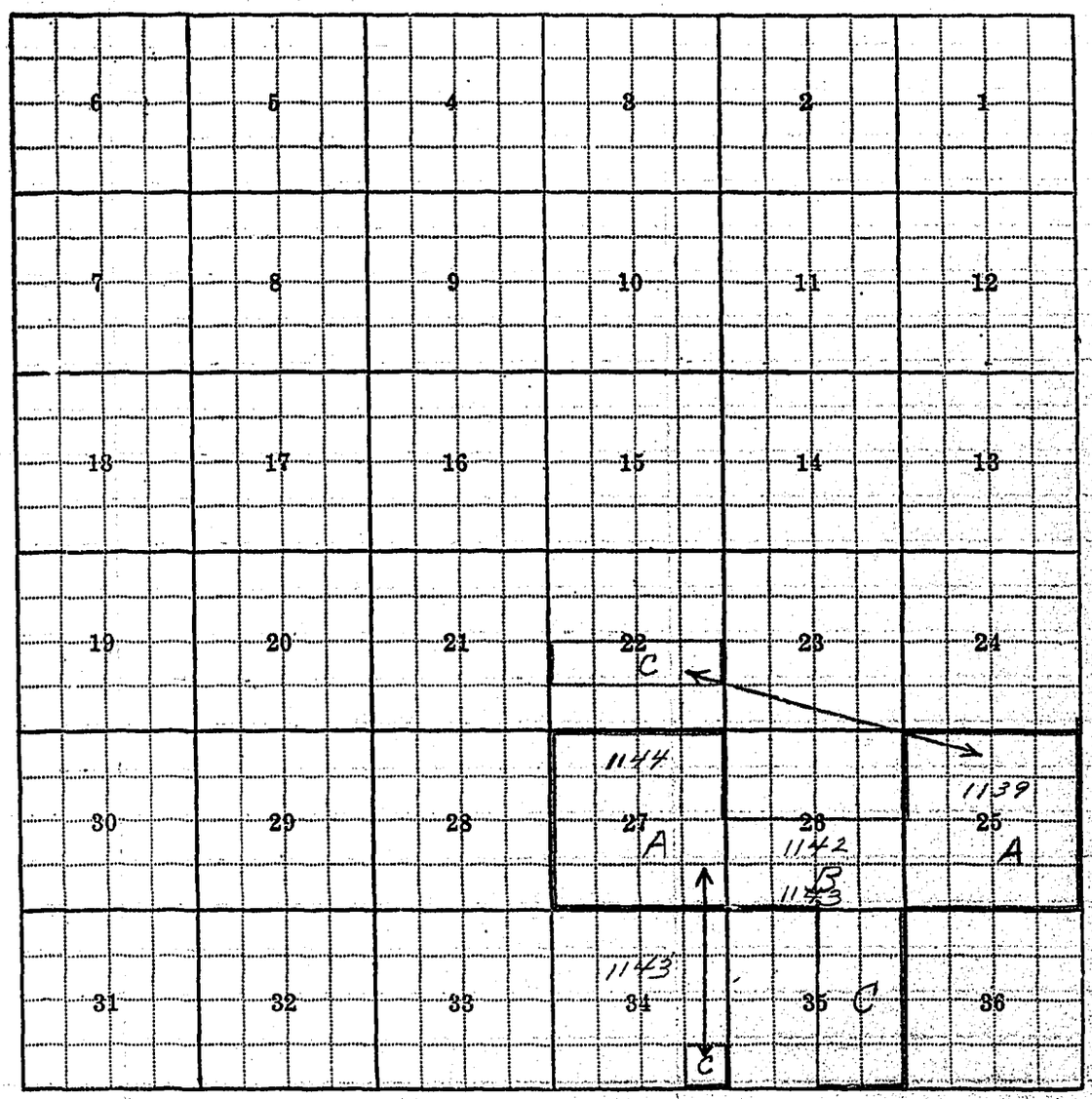
1139	Cook Sheep Co.	Hussey Cr.	2-11-92	3-2-92	200
1142	Finton, Albertine	" "	4-15-10	4-18-10	320
1143	Finton, Albert &				(Abst. Vatn)
	Ward A. Shade	" "	4-11-12	4-11-12	800
1144	Hendrickson, Arthur & John	" "	4-25-17	4-25-17	160

FORM D-1—REPORTER PRTG.—1M 7-50—22122 **STATE OF MONTANA**

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8 North Range 6 East County Meagher



Wertz, Herbert

Township _____ Range _____

Township 8 North Range 6 East County Meagher

Parcel Number	Name of Owner	Address
	Wertz, Herbert	White Sulphur

Form WR-B
Reporter 20168 2M 12-49

Twp. 8 N Rge. 6 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

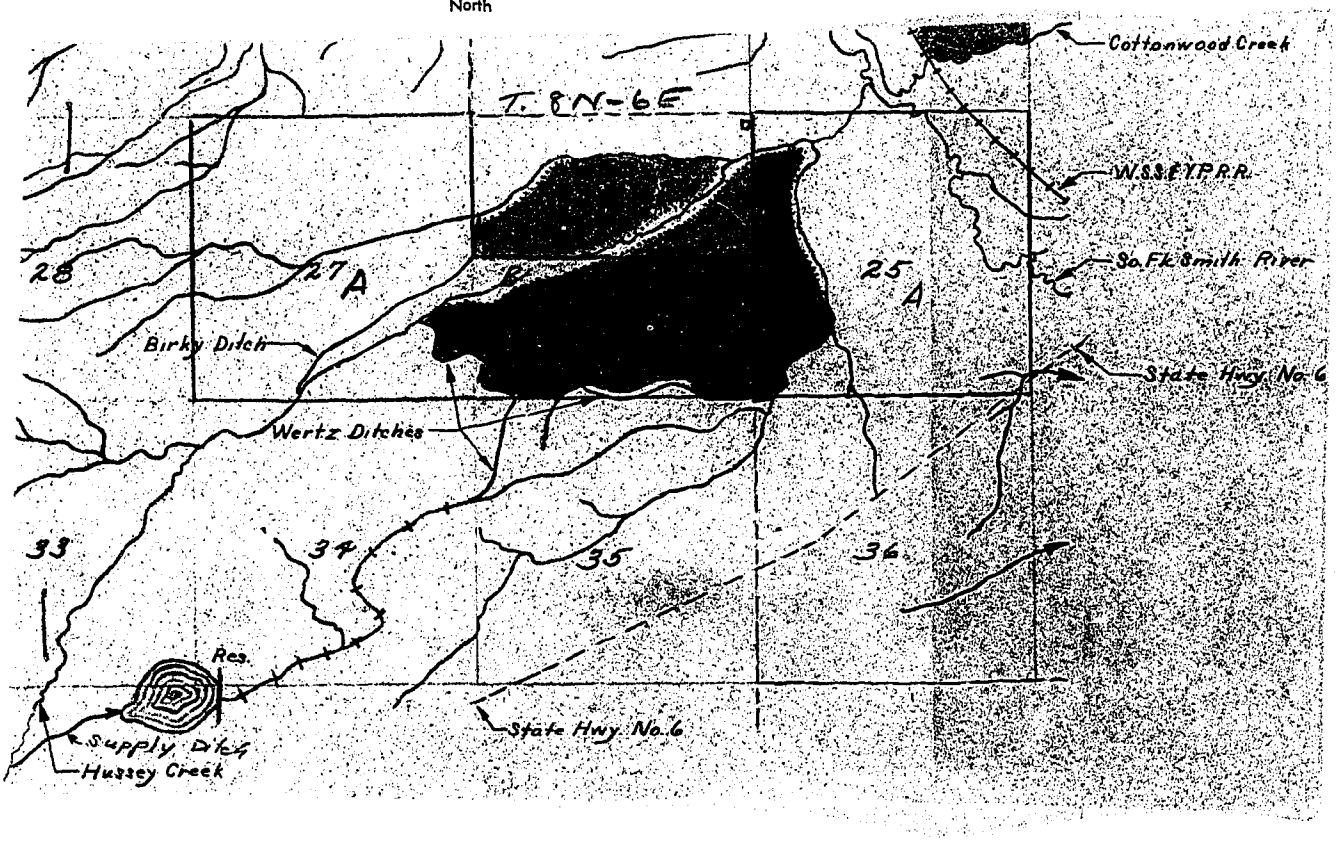
FARM MAP

County MEAGHER
Code No. 25A-26B-27A

Name of Land Owner Wertz, Herbert Address White Sulphur
Name of Operator Same Address " "
Legal Description

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

North



Code No. 25A, 26B, 27A, System Wertz Ditches Source of Water Hussey Creek
Basin So. Fk. Smith River Present 387 Potential 0 Maximum 387 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 H. L. B. Date

Township 8 North - Range 7 East

Code No.	Owner	Operator
5a,6a	Manger, Russell	
30c	Montana, State of	Ed McRenolds
18a,7a,35a	Rankin, Wellington D.	
31b,32b	Straugh, C. L. & Ruby	

F-1-A

County Meagher

Farm Checked: Date

By

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T. 8N R. 7E Plat No. 56

Photo No.

Legal Land Owner Northwest Finance Corp. Address

Operator Address

Water is delivered by:— 1. Private System; 2. Ditch Company; 3. State Project; 4. Federal Project; 5. Irrigation District

App. No. Decree No.	NAME OF APPROPRIATOR TO WHOM DECREED	NAME OF STREAM	Date App. Date Priority	Miner's Inches	In Use	NAME OF DITCH (Water Delivered By)	No.	R/F	Present Irr. Acres	Irrigable Acres
T-105L	Geo. W. Crosby	Spring	7-5-83	100	No					
5-96	Eliza M. Crosby	Cottonwood Creek	4-20-04	250	No					

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

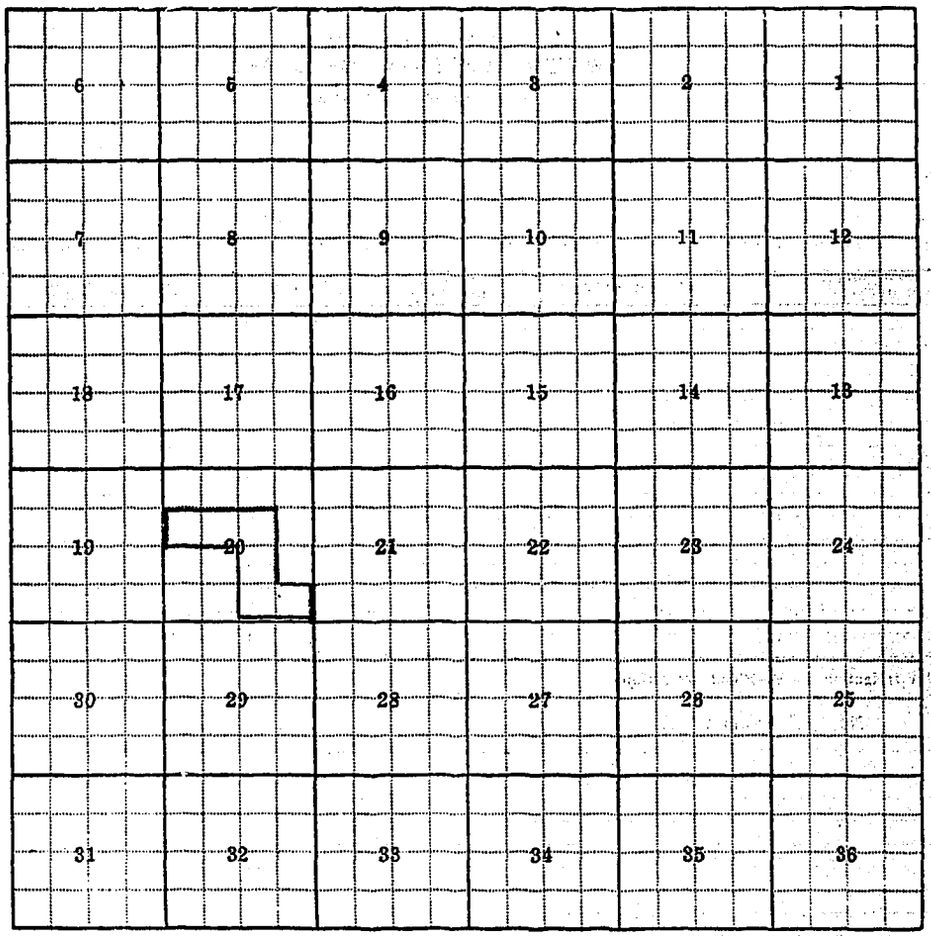
Adequate Supply: Yes..... No..... Explain

Remarks

River Basin

Also in: Plat No. Twp. Rge.	Plat No. Twp. Rge.	Plat No. Twp. Rge.
Plat No. Twp. Rge.	Plat No. Twp. Rge.	Plat No. Twp. Rge.

Information From:



Land Ownership

F-1-A

County Meagher

Farm Checked: Date

By

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T. 8N R. 7E Plat No. 56

Photo No. 40-32 · 39 201

Legal Land Owner C. L. & Ruby Straugh Address

Operator Address

Water is delivered by:— 1. Private System; 2. Ditch Company; 3. State Project; 4. Federal Project; 5. Irrigation District

App. No. Decree No.	NAME OF APPROPRIATOR TO WHOM DECREED	NAME OF STREAM	Date App. Date Priority	Miner's Inches	In Use	NAME OF DITCH (Water Delivered By)	No.	R/F	Present Irr. Acres	Irrigable Acres
1285a	C. L. Straugh	Main Creek	2-15-46	200	No					
Use		S. Fk. Smith River			No	Straugh Ditch	1	R	0	18
3-553ML	Hepsadeth Spencer	Spring	5-31-05	50	No					
3-552ML	Hepsadeth Spencer	Spring	5-31-05	100	No					

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

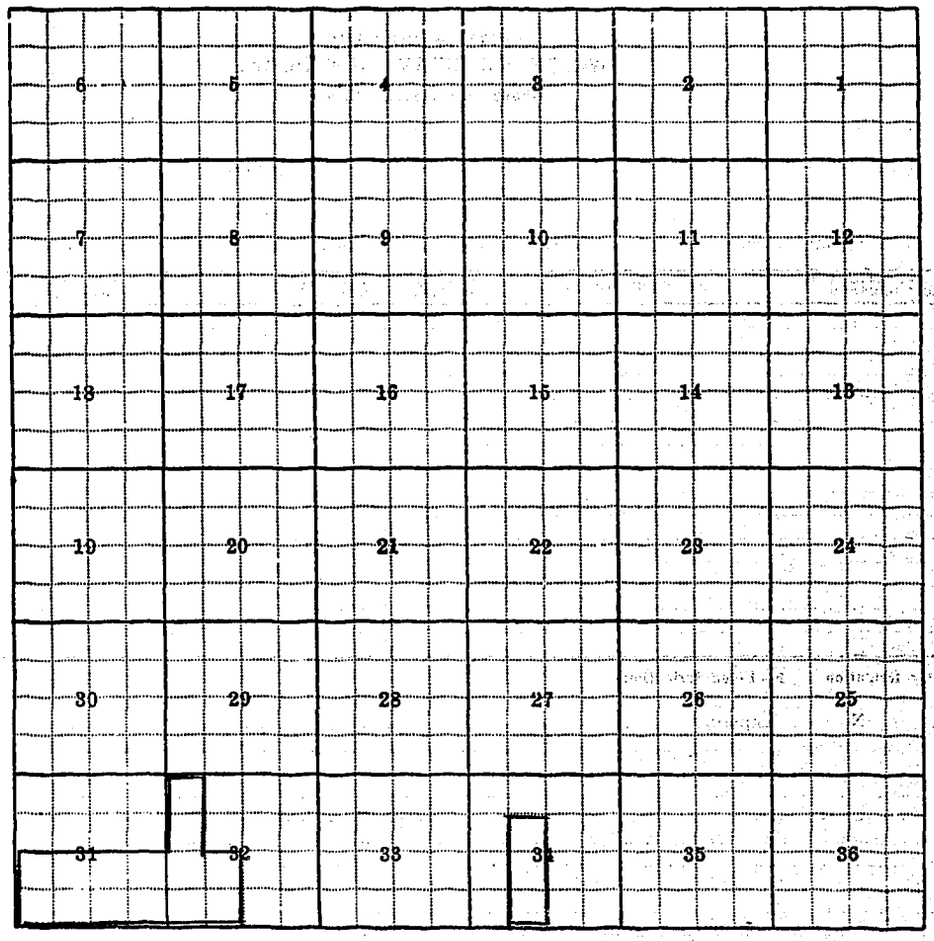
Adequate Supply: Yes..... No..... Explain

Remarks

River Basin

Also in: Plat No. 63 Twp. 7N Rge. 7E	Plat No. Twp. Rge.	Plat No. Twp. Rge.
Plat No. Twp. Rge.	Plat No. Twp. Rge.	Plat No. Twp. Rge.

Information From:



Land Ownership

F-1-A

County Meagher

Farm Checked: Date 9-8-50

By Joe & Dave

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T. 8N R. 7E Plat No. 56

Photo No. 40-33, 40-34, 39-201

Legal Land Owner W. D. Rankin Address Helena

Operator Address

Water is delivered by:— 1. Private System; 2. Ditch Company; 3. State Project; 4. Federal Project; 5. Irrigation District

App. No. Decree No.	NAME OF APPROPRIATOR TO WHOM DECREED	NAME OF STREAM	Date App. Date Priority	Miner's Inches	In Use	NAME OF DITCH (Water Delivered By)	No.	R/F	Present Irr. Acres	Irrigable Acres
1-118	Geo. R. J. Catlin et al	Cottonwood Creek	5-1-88	1200	No (PA)					
3-37ML	L. b. Catlin Co.	Cottonwood Creek	6-23-92	500	No (PA)					
5-98	Lucia M. Catlin	Cottonwood Creek	6-1-05	350	No	Rankin Ditch	1	R	0	100
5-107	Lucia M. Catlin	Cottonwood Creek	6-1-05	175	No					
5-302	Smith River Dev. Co.	Cottonwood Creek	10-5-11	3000	No (PA)					
1-128	Chas. B. Catlin et al	Spring Creek	5-1-86	150	No					
5-585	Val R. Kuhnes	Springs	6-1-15	500	No					
Use		Catlin Springs			Yes	Rankin Ditch	1	R	44	0
Use		Unnamed Coulies			No	Rankin Ditches	1	R	0	36

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

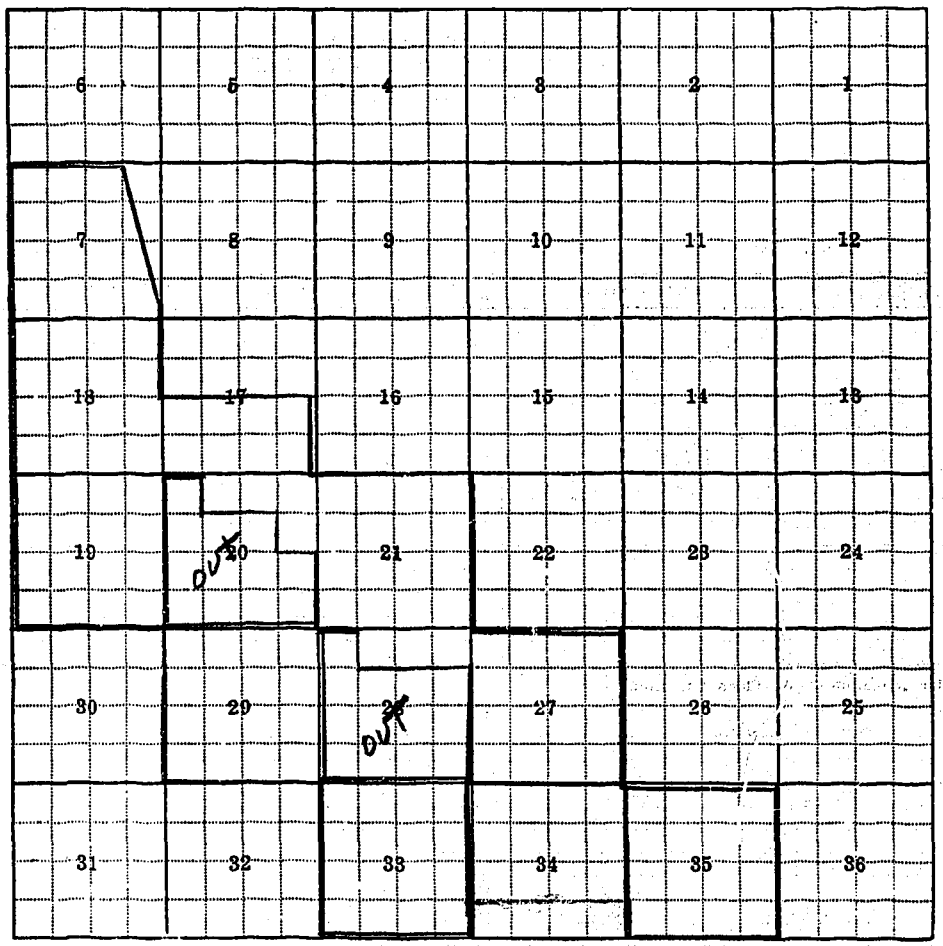
Adequate Supply: Yes..... No..... Explain.....

Remarks.....

River Basin.....

Also in:								
Plat No. 63	Twp. 7N	Rge. 7E	Plat No. 54	Twp. 8N	Rge. 5E	Plat No.	Twp.	Rge.
Plat No. 55	Twp. 8N	Rge. 6E	Plat No.	Twp.	Rge.	Plat No.	Twp.	Rge.

Information From: Chas. Kelly



Land Ownership

F-1-A

County Meagher

Farm Checked: Date 10-10-50

By Joe & Dave

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T. 8N R. 7E Plat No. 56

Photo No. 40-32

Legal Land Owner Montana state of Address

Operator Ed McReynolds Address White Sulphur Springs

Water is delivered by:— 1. Private System; 2. Ditch Company; 3. State Project; 4. Federal Project; 5. Irrigation District

App. No. Decree No.	NAME OF APPROPRIATOR TO WHOM DECREED	NAME OF STREAM	Date App. Date Priority	Miner's Inches	In Use	NAME OF DITCH (Water Delivered By)	No.	R/F	Present Irr. Acres	Irrigable Acres
* D-125	Geo. W Crosby	S. Fk. Smith River	8-27-14	100	No	Ditch	1	R	0	37
D-126	Geo. W. Crosby	S. Fk. Smith River	8-27-14	50	No					
Use		Spring			No	Ditch	1	R	0	7

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

Adequate Supply: Yes..... No..... Explain.....

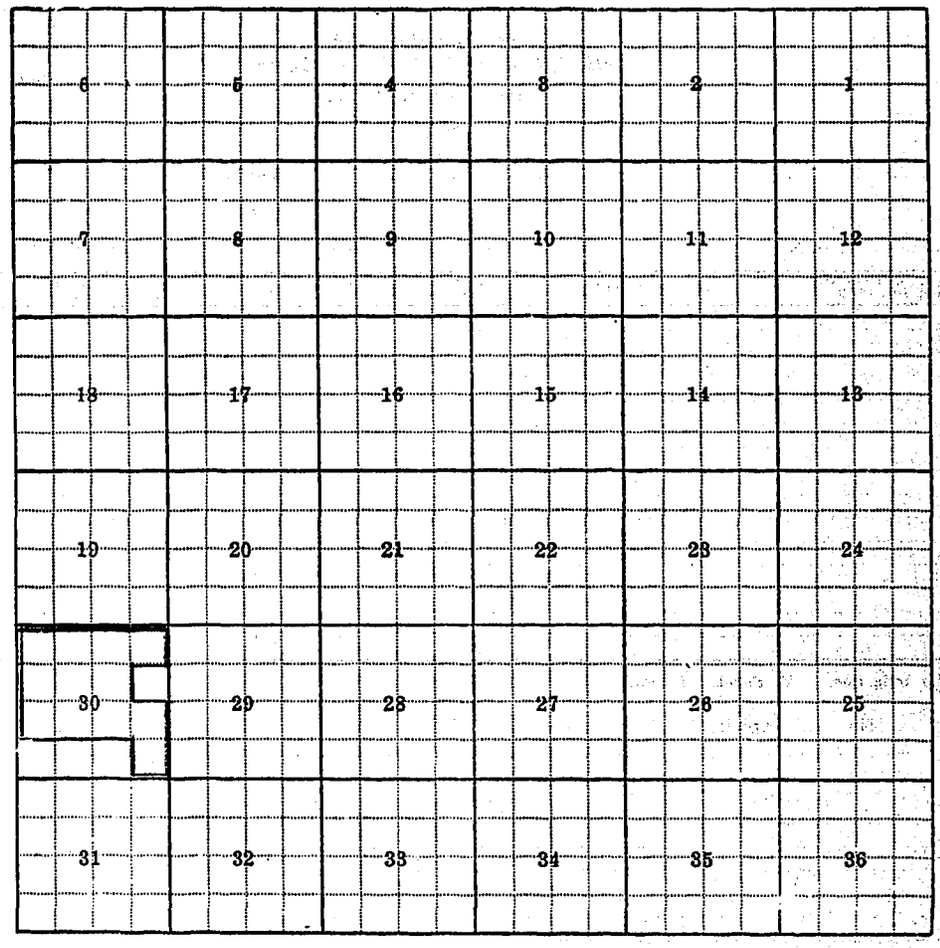
Remarks.....

* Case # 1948

River Basin.....

Also in: Plat No. Twp. Rge.	Plat No. Twp. Rge.	Plat No. Twp. Rge.
Plat No. Twp. Rge.	Plat No. Twp. Rge.	Plat No. Twp. Rge.

Information From: Field



Land Ownership

F-1-A

County Meagher

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T. 8N R. 7E Plat No. 56

Farm Checked: Date 10-3-50

Photo No. 39-200

By Joe & Dave

Legal Land Owner Russell Manger Address White Sulphur Springs

Operator Address

Water is delivered by:— 1. Private System; 2. Ditch Company; 3. State Project; 4. Federal Project; 5. Irrigation District

App. No. Decree No.	NAME OF APPROPRIATOR TO WHOM DECREED	NAME OF STREAM	Date App. Date Priority	Miner's Inches	In Use	NAME OF DITCH (Water Delivered By)	No.	R/F	Present Irr. Acres	Irrigable Acres
3-37ML	L. & L. Catlin & Co	Cottonwood Creek	6-23-92	500	No (A)					
5-302	Smith River Dev. Co.	Cottonwood Creek	10-5-11	5000	No (A)					
5-69	Belle Ford	Fords Creek	6-15-03	150	Yes					
5-196	Margaret Ford	Fords Creek	9-1-09	320	Yes					
5-243	Wm. L. Ford	Fords Creek &				Manger Ditch	1	R	46	0
		2 Springs	9-2-10	200	Yes					
5-71	Wm. T. Ford et al	Ford Creek	12-20-06	600	Yes					
3-481ML	Robert Menzies	Ford Creek	7-1-00	160	Yes					
5-429	Grant Eller	Spring	4-1-11	10	No					
5-428	Grant Eller	Spring	4-1-11	30	No					
5-321	Claude L. McKee	Spring	4-11-12	160	No					
Use		Trib S. Fk Smith River			Yes	Manger Ditch	1	R	58	0

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

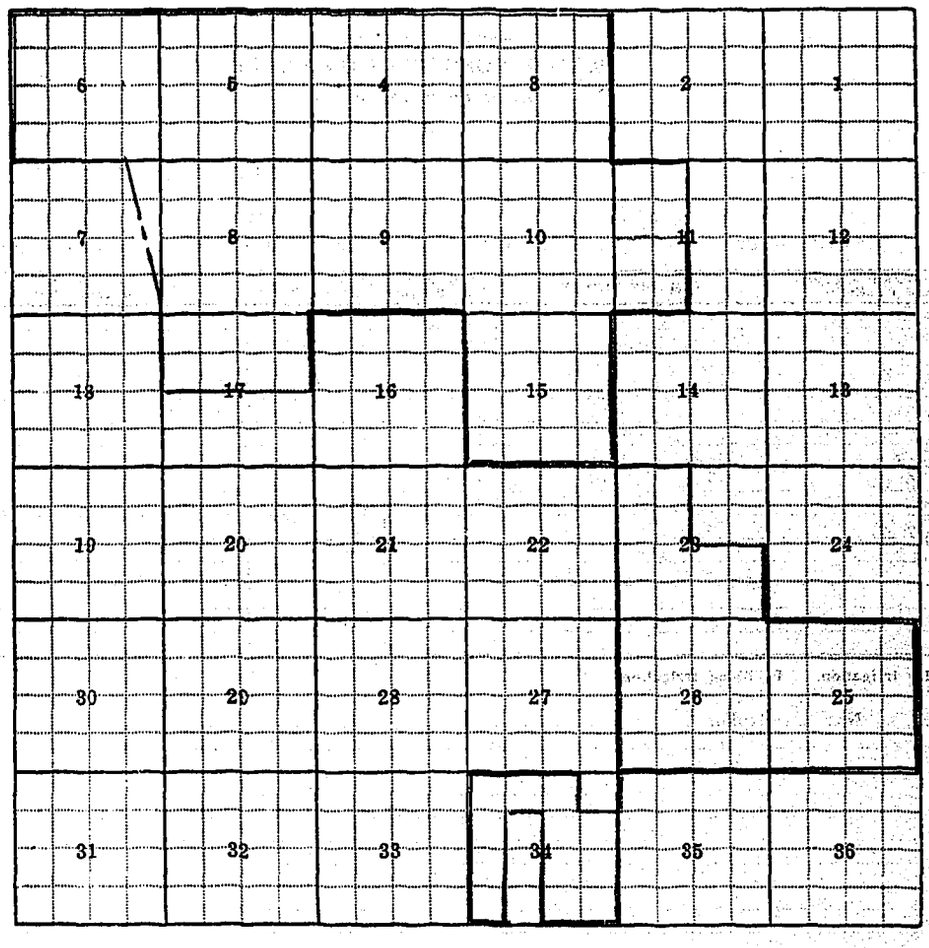
Adequate Supply: Yes..... No..... Explain.....

Remarks.....

River Basin

Also in:											
Plat No. 77	Twp. 5N	Rge. 7E	Plat No. 63	Twp. 7N	Rge. 7E	Plat No.	Twp.	Rge.
Plat No. 55	Twp. 8N	Rge. 6E	Plat No. 54	Twp. 8N	Rge. 5E	Plat No.	Twp.	Rge.

Information From: Russell Manger



Land Ownership

8N-7E

52

FORM D-1 - GAZETTE 1644-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8 North Range 7 East County Meagher

959 958 6	961 5	4	3	2	1
592 636 7	592 960 636 960 8	9	965 10	11	12
591 636 1949 591 636 18	17	16	15	14	13
636 19	599 636 2588 20	21	1879 22	23	24
D-126 D-125 1852 30	29	593 594 28	27	26 2609 2608	25
2814 31	32	33	2693 2742 34 2741 2742	2692 35	36

Township 8 North Range 7 East

Township 8 North, Range 7 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
591.	Catlin, Geo.,Edwin,C.B.	Cottonwood Creek	5-1-88	12-17-88	1000
⊖592⊗..	Catlin, L. L. & Co.	Cottonwood Creek	6-23-92	7-11-92	500
593.	Catlin, Lucia M.	Cottonwood Creek	6-1-05	8-6-08	350
594.	Catlin, Lucia M.	Cottonwood Creek	6-1-05	10-6-08	175
599.	Crosby, Eliza M.	Cottonwood Creek	4-20-04	7-23-08	250
⊖636⊗..	Smith River Dev. Co.	Cottonwood Creek	10-5-11	10-14-11	5000
958⊗.	Ford, Belle	Ford's Creek	6-15-03	9-24-07	150
959⊗.	Ford, Margaret	Ford's Creek	9-1-09	5-28-10	320
960⊗.	Ford, William	Ford's Creek	9-2-10	11-22-10	200
961⊗.	Ford, William and Manger, Richard	Ford's Creek	12-20-06	9-27-07	600
965⊗.	Menzies, Robert	Ford's Creek	7-1-00	12-17-02	160
⊗~~1852~~	~~Crosby, George W.~~ See Case #1948	~~Smith River~~	~~5-6-02~~	~~5-3-06~~	~~150~~
1879?	Lincoln, A. and L. WFK4 SFK	Smith River	7-11-82	7-11-82	400
1947.	Catlin, Chas.,Geo.,E.H.	Spring Creek	5-1-86	2-16-89	150
2588.	Crosby, George W.	Unnamed Spring	7-5-83	7-5-83	100
2608⊗.	Eller, Grant	Unnamed Spring	4-1-11	6-24-14	10
2609⊗.	Eller, Grant	Unnamed Spring	4-1-11	6-24-14	30
2672.	Kuhnes, Val R.	Unnamed Spring	6-1-15	8-1-19	500
2693⊗.	McKee, Claude	Unnamed Spring	4-11-12	4-11-12	160
2741.	Spencer, Hepsabeth	Unnamed Spring	5-31-05	6-3-05	50
2742.	Spencer, Hepsabeth	Unnamed Spring	5-31-05	6-3-05	100
1285A.	Straugh, C. L.	Mayn Creek	2-15-46	3-1-46	200
⊗D-125.	Crosby, George W.	Smith River	8-27-14		100
⊗D-126.	Crosby, George W.	Smith River	8-27-14		50

⊗ = Russell Manger appropriations
⊗ = Montana, State of "
⊖ = Wellington D. Rankin "

Farm Checked

FORM F-1 REPORTER 1M.3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Catlin Springs

Date 10/5/50

Code No. 5A-6A

County Meagher

T. 8N-7E Sec.

Photo No. MA-39-200

Legal Land Owner Manger, Russell Address White Sulphur

Operator Same Address " "

(Ford Ranch or Home Ranch)

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Manger Ditches and reservoirs Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓ Regular

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No. 958-959-961-592 636-960-965-2608-2609-2693

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 Fords Creek; Unnamed Coulee-Trib. to SoFk Smith R.

Acres Irrigated 1950

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply Yes ✓ No

Explain

Topography

Information From Field Survey

Remarks

For other File numbers see Master Form #32

see over

52

Fords Creek:

Reservoir located in SE¼, Sec. 5-T. 8N-R. 7E
Large earth filled structure, short ditch out of res. extends northeasterly irrigates in Sec. 5

Ditch heads in SW¼, Sec. 5 extends into Sec. 6
(Not in use at present)

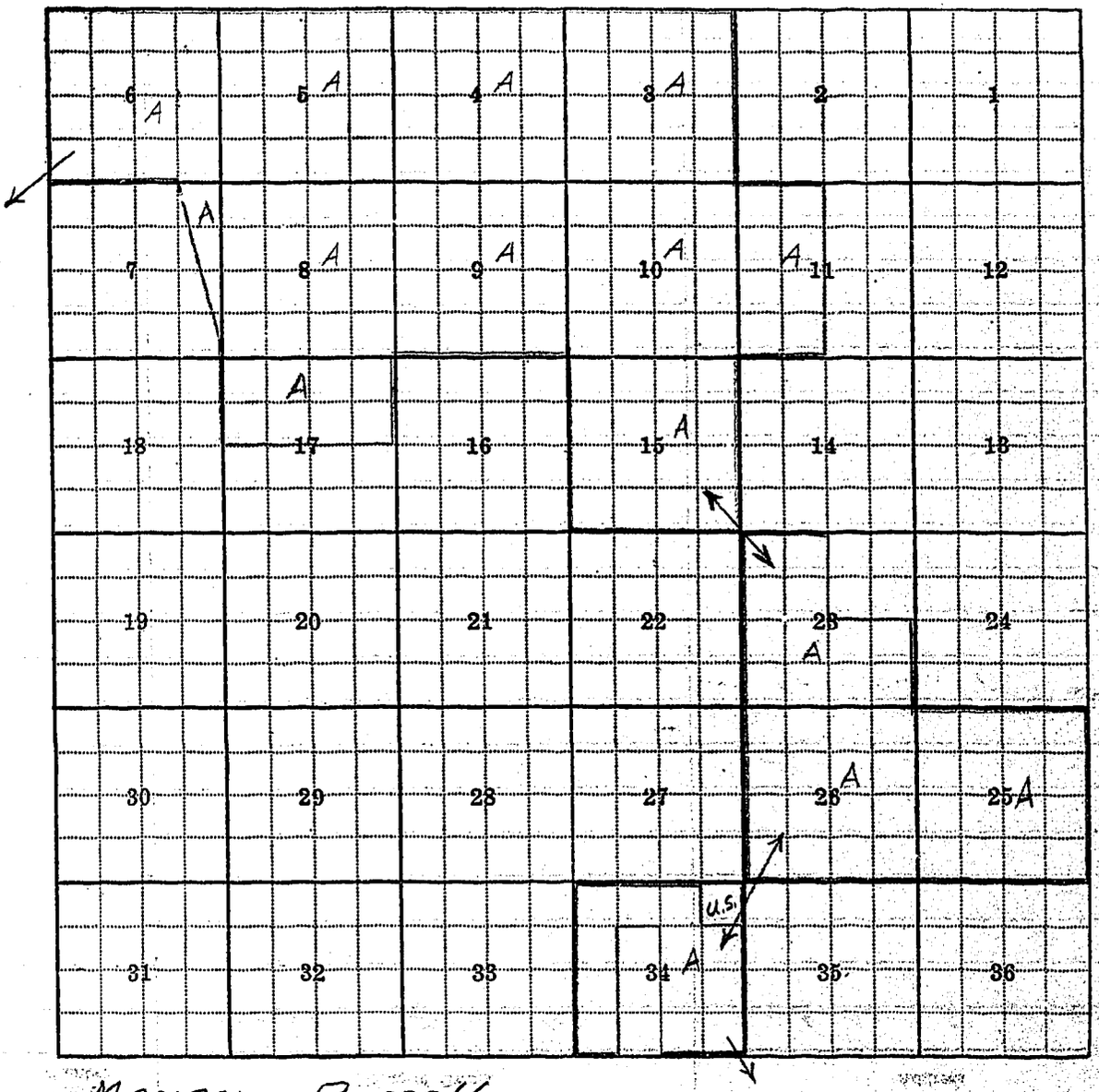
Another ditch heads out of another reservoir in Sec. 32-T. 9N-R. 7E
Extends southeasterly into Sec. 5
irrigates land in Sec. 5 - (Also see form #44 for this ditch)

FORM D-1—REPORTER PRTG.—1M 7-50—22122 STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8 North Range 7 East County Meagher



Manger, Russell

Township Range

Township 8 North Range 7 East County Meagher

Parcel Number	Name of Owner	Address
	Manger, Russell	White Sulphur

Form WR-B
Reporter 20168 2M 12-49

Twp. 8 N Rge. 7 E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

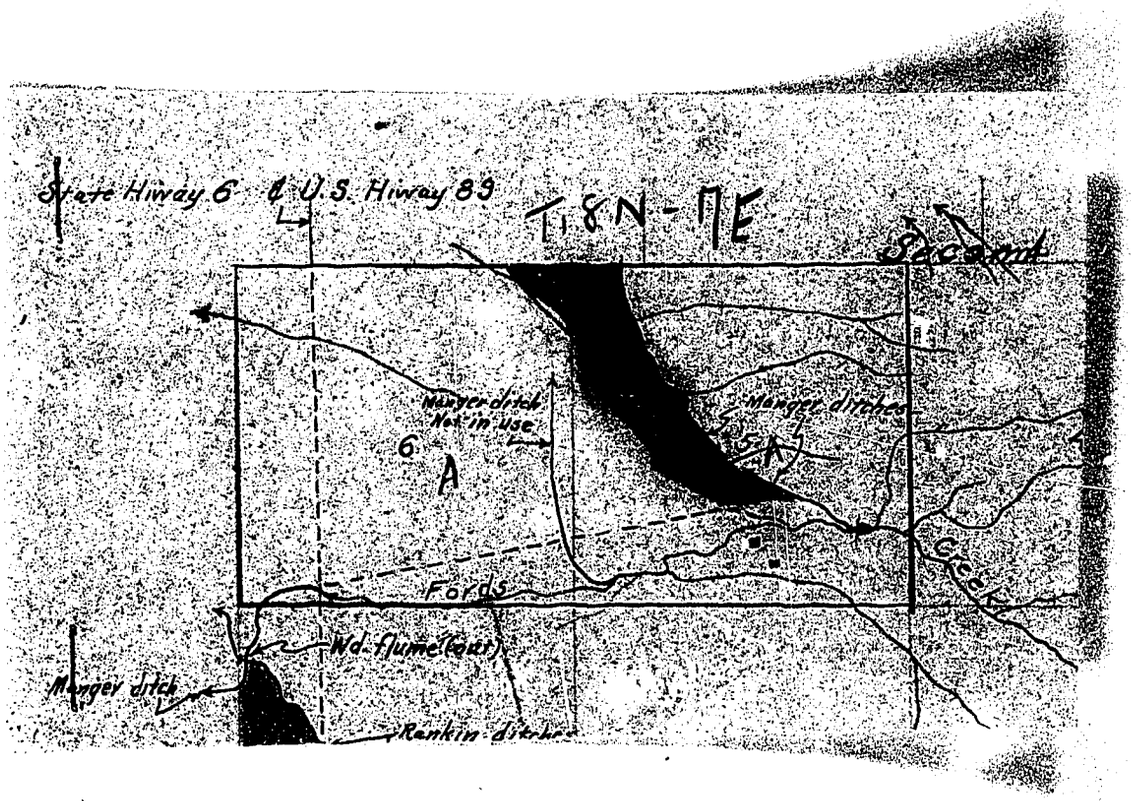
FARM MAP

County Meagher
Code No. 5A-6A

Name of Land Owner Manger, Russell Address White Sulphur
Name of Operator Same Address
Legal Description

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

Also in files #50 #51 #43 #44 #22 #23 #32 #33 #66 #73
Now A. Doig



Code No. 5A, 6A System Manger Ditch Source of Water Unnamed Coulee Trib. to So. Fk. Smith River
Basin So. Fk. Smith River Present 58 Potential 0 Maximum 58 R ✓ F ___ P ___ G ___ S ___

Code No. 5A System Manger Ditch Source of Water Ford's Creek
Basin So. Fk. Smith River Present 46 Potential 0 Maximum 46 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 H. L. B. Date 2/10/51

FORM F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Dave & Joe

Area So. Fk. Smith River

Date 10/10/50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 30 C

County Meagher

T. 8 N R. 7 E Sec. 30

Photo No. MA-40-32

Legal Land Owner Montana State OF Address

Operator Ed McRenolds Address White Sulphur

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Not in Use Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓ Regular

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Crosby, Geo. W. App. No. D-125, D-126, 1852

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 So. Fk. Smith River; Spring

Acres Irrigated 1950, None

Potential Acres Seeped

Condition of System Poor

Adequate Supply — Yes ✓ No

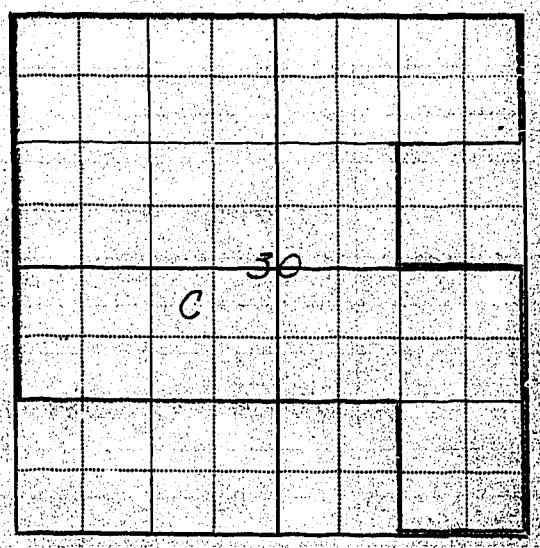
Explain Ditches need cleaning

Topography Creek bottom

Information From Field Survey

Remarks

(Not in Use)



52

see over

South Fork Smith River:
Ditch heads near center of Sec 30
No headgate.
For land in Sec. 30 (Not in Use).

Spring:
Two ditches out of Spring in the
NE, NW ¼, Sec. 30 (Not in use)

Form WR-B
Reporter 20168 2M 12-49

Twp. 8N Rge. 7E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

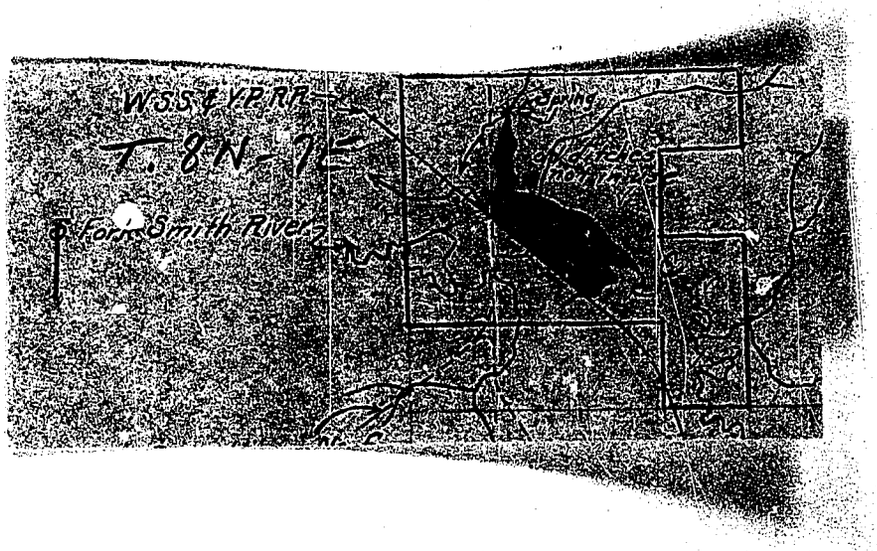
FARM MAP

County Meagher
Code No. 30 C

Name of Land Owner MONTANA STATE OF Address HELENA
Name of Operator Ed McRenolds Address White Sulphur
Legal Description

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

North



Code No. 30C	System Old Ditch (Not in Use)	Source of Water Spring - Trib. to Coulee So. Fk. Smith River									
Basin So. Fk. Smith River	Present 0	Potential 7	Maximum 7	R ✓	F	P	G	S			
Code No. 30C	System Old Ditch (Not in Use)	Source of Water So. Fk. Smith River									
Basin So. Fk. Smith River	Present 0	Potential 37	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			

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 H. L. B. Date 2/14/51

#52

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Cottonwood Cr.

Date 9/30/49

Code No. 18A

County Meagher

T. 8N R. 7E Sec. 8N-R7E-11,12,13,14 18

Photo No. MA40-33

Legal Land Owner Rankin, Wellington D Address Helena Mont

Operator Same Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditch 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 Cottonwood Creek

Acres Irrigated 1949

Potential Acres _____ Seeped _____

Explain _____

Condition of System Could be improved with dams & headgates

Adequate Supply ..... Yes _____ No ✓

Explain Creek dry at this time of year

Topography Valley

Information From Charles Kelly

Remarks _____

T. 8N - R. 7E.

18 A

#52

Cottonwood Creek

Ditch heads in SE, SW¼, Sec 20 T. 8N-7E
Extends north west about 1 mile, then due west along Co. road. Culvert under Hwy No. 6

Lateral off main ditch NE, NE¼, sec 19 runs under old Co. road through metal culvert - north through sec 18 into sec 7 and dumps at Catlin Springs.

This ditch (not in use) for many years. This system would be (flood only) as creek was completly dry at this date.

Main ditch (cut out) by road in couple places one road cut about a quarter mile east of railroad crossing + one cut about a quarter mile west of R.R. crossing. Where road cut ~~[illegible]~~ out ditch no culverts were put in. ~~and~~ This part of ditch (not in use)

Ditch Y'd off near so. sec. line of 13 then runs to Railroad, then through to Y again extending north along R.R. and southwest in 13 towards so. Fk. of river. This ditch changed to avoid puting culverts in road. Part of ditch that Y off at R.R. extending so. westerly then north into Sec. 12, This ditch also crosses the ditch out of Catlin Springs Cr. just east of Hwy No. 6 in Sec. 7. (See Catlin Springs form)

Ditch from Cottonwood Cr. in use for hay and pasture. In T. 8N-R.6E

Form No. 620
(11/74)

Application for Change No. 467-c41J

STATE OF MONTANA

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

AUTHORIZATION TO CHANGE APPROPRIATION WATER RIGHT

Pursuant to Section 89-892, R.C.M. 1947, of the MONTANA WATER USE ACT, the Department of Natural Resources and Conservation, through the office of the Administrator of the Water Resources Division, hereby authorizes the Change of Appropriation Water Right submitted by W.D. RANKIN ESTATE, LOUISE R. GALT, EXECUTRIX, of HELENA, MONTANA.
under Application No. 467-c41J.

The appropriation water right and its use: The 10th water right as decreed in the South Fork of the Smith River Decree, Case No. 3731, in the District Court of the 14th Judicial District, Meagher County, Montana, in which Gertrude M. Stravick, et al., Plaintiffs, vs Russell Manger, et al., Defendants, dated March 24, 1964, and recorded in Judgment Book 9, page 152, Meagher County, Montana, and decreed to W.D. Rankin 100 miner's inches, with a priority date of May, 1902. The waters have been used for irrigation purposes from May 12 to July 15, inclusive, of each year, at a rate of 2.5 cubic feet per second and a quantity of 300 acre-feet per annum, and diverted from a point in the SE¼ NW¼ SE¼ of Section 30, Township 8 North, Range 7 East, M.P.M., Meagher County, Montana, and used on 105 acres in the SE¼ and NW¼ of Section 30, Township 8 North, Range 7 East, M.P.M., Meagher County, Montana, and containing a total of 105 acres, more or less.

The Department hereby authorizes the change of the above-referenced water right as follows: The new point of diversion shall be at a point in the SW¼ NE¼ NE¼ of Section 14, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana, and the waters appropriated shall be used for stock-watering purposes and for irrigation purposes from May 12 to July 15, inclusive, of each year, on 110 acres, more or less, in the S½ of Section 11, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana.

The approval of this change in no way is to be construed as recognition by the Department of the water rights involved. All rights are subject to possible modification under the proceedings pursuant to Section 89-865, et seq., R.C.M. 1947.

ıe applicant shall notify the Department in writing within 30 days after completion of the authorized change.

Dated February 20, 1975

ASSISTANT ADMINISTRATOR
WATER RESOURCES DIVISION

Witness

Recorded in State Record of Water Rights Changes, Volume 1 *, Page* 26

Form No. 620
(11/74)

Application for Change No. 466-c41J

STATE OF MONTANA

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

AUTHORIZATION TO CHANGE APPROPRIATION WATER RIGHT

Pursuant to Section 89-892, R.C.M. 1947, of the MONTANA WATER USE ACT, the Department of Natural Resources and Conservation, through the office of the Administrator of the Water Resources Division, hereby authorizes the Change of Appropriation Water Right submitted by **W.D. RANKIN ESTATE, LOUISE R. GALT, EXECUTRIX, of HELENA, MONTANA.**
under Application No. 466-c41J

The appropriation water right and its use: **The 4th water right as decreed in the South Fork of the Smith River Decree, Case No. 3731, in District Court of the 14th Judicial District, Meagher County, Montana, in which Gertrude M. Stravick, et al., Plaintiffs, vs Russell Manger, et al., Defendants, dated March 24, 1964, and recorded in Judgment Book 9, Page 152, Meagher County, Montana, and decreed to W.D. Rankin 80 miner's inches with a priority date of May, 1882. The waterssshave been used for irrigation purposes from May 12 to July 15, inclusive of each year, at a rate of 2 cubic feet per second and a quantity of 240 acre-feet per annum, and diverted from a point in the E½ NW¼ SE¼ of Section 15, Township 7 North, Range 7 East, M.P.M., Meagher County, Montana, and used on 75 acres, more or less, in the N½ NW¼ of Section 15, Township 7 North, Range 7 East, M.P.M., Meagher County, Montana.**

The Department hereby authorizes the change of the above-referenced water right as follows: **The new point of diversion shall be at a point in the SW¼ NE¼ NE¼ of Section 14, Township 8 North, Range 6 East. M.P.M., Meagher County, Montana, and the waters appropriated shall be used for stock-watering purposes and for irrigation on 87 acres, more or less, in the NE¼ of Section 14, and the S½ of Section 11, all in Township 8 North, Range 6 East, M.P.M., Meagher County, Montana from May 12 to July 15, inclusive, of each year.**

The approval of this change in no way is to be construed as recognition by the Department of the water rights involved. All rights are subject to possible modification under the proceedings pursuant to Section 89-865, et seq., R.C.M. 1947.

The applicant shall notify the Department in writing within 30 days after completion of the authorized change.

Dated February 20, 1975

ASSISTANT ADMINISTRATOR
WATER RESOURCES DIVISION

Witness

Recorded in State Record of Water Rights Changes, Volume 1 *, Page* 25 .

Form No. 620
(11/74)

Application for Change No. ~~468-c41J~~

STATE OF MONTANA

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

AUTHORIZATION TO CHANGE APPROPRIATION WATER RIGHT

Pursuant to Section 89-892, R.C.M. 1947, of the MONTANA WATER USE ACT, the Department of Natural Resources and Conservation, through the office of the Administrator of the Water Resources Division, hereby authorizes the Change of Appropriation Water Right submitted by W.D. RANKIN ESTATE, LOUISE R. GALT, EXECUTRIX, of HELENA, MONTANA.
under Application No. 468-c41J

The appropriation water right and its use : The 6th water right as decreed in the South Fork of the Smith River Decree, Case No. 3731, in District Court of the 14th Judicial District, Meagher County, Montana, in which Gertrude M. Stravick, et al. Plaintiffs, vs Russell Manger, et al., Defendants, dated March 24, 1964, and recorded in Judgment Book 9, Page 152, Meagher County, Montana, and decreed to W.D. Rankin 80 miner's inches with a priority date of April, 1883. The waters have been used for irrigation purposes from May 12 to July 15, inclusive, of each year, at a rate of 2 cubic feet per second and a quantity of 240 acre-feet per annum, and diverted from a point in the SW¼ SE¼ SW¼ of Section 24, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana, and used on 63 acres, more or less, in the SW¼ of Section 13, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana.

The Department hereby authorizes the change of the above-referenced water right as follows: The new point of diversion shall be at a point in the SW¼ NE¼ NE¼ of Section 14, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana, and the waters appropriated shall be used for stockwatering purposes and for irrigation purposes from May 12 to July 15, inclusive, of each year, on 90 acres, more or less, in the S½ of Section 11, Township 8 North, Range 6 East, M.P.M., Meagher County, Montana.

The approval of this change in no way is to be construed as recognition by the Department of the water rights involved. All rights are subject to possible modification under the proceedings pursuant to Section 89-865, et seq., R.C.M. 1947.

The applicant shall notify the Department in writing within 30 days after completion of the authorized change.

Dated February 20, 1975

ASSISTANT ADMINISTRATOR
WATER RESOURCES DIVISION

Witness

Recorded in State Record of Water Rights Changes, Volume 1 *, Page* 27

Form Checked

By Dave & Joe

Area Catlin Springs

Date 9/28/49

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7X

County Meagher

T. 8N R. 7E Sec. 7

Photo No. MA-40-34

Legal Land Owner Rankin, Wellington D. Address Helena Mont

Operator Same 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. 592-636

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 Catlin Springs and Reservoir

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Fair needs some repair

Adequate Supply..... Yes ✓ No _____

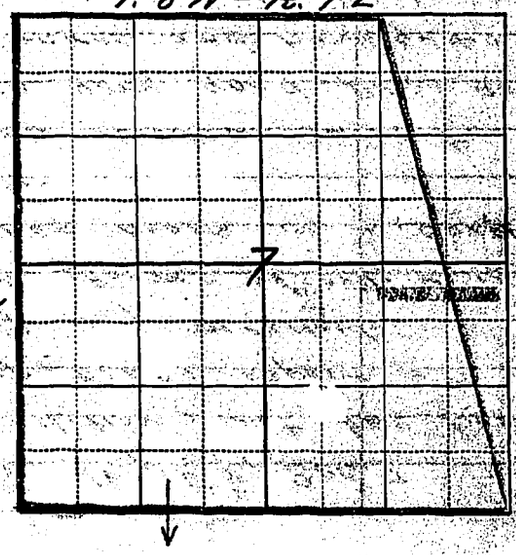
Explain Big Spring Continuous flow

Topography Creek bottom

Information From _____

Remarks _____

T. 8N - R. 7E



Catlin Springs:

Ditch out of springs in NE, SE ¼, Sec. 7
This ditch in fair condition, but has broke out in a couple places, needs repair at these breaks. Irrigates hay meadows.
Dam across springs forms reservoir in NW, SW ¼ Sec 7 - dam has broke in a couple places and needs repair.
Has plank headgate and wooden culvert under dam. Springs have very good flow as it was spilling from breaks and headgate.
In front of dam is a wooden headgate & spill box to spill in Cre. k.
This ditch extending in northwesterly direction has a flume out where it crossed a flood ditch in the NW, NW ¼, Sec. 7 - ditch from flume on is out of use at present.
Flood ditch picking up drainage run off irrigated land in Sec. 12.

Catlin Springs Creek:

Ditch out of creek heads a little east of Hwy. No. 6 extending west into Sec. 12 where it crosses a ditch out of Cottonwood creek.
For hay meadows in sec. 11, 12, ~~[illegible]~~.
Another ditch out of north side of cr. just below Railroad bridge in center of sec. 12 - For hay meadow in Sec. 1, 2, 11, 12. Manger ditch.

Form WR-B
Reporter 17362 1M-2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher

Code No. 7A, 18A

Twp. 8 N Rge. 7 E

Twp. 8 N Rge. 6 E T. 9N-R. 6E

Twp. 8 N Rge. 5 E T. 7N-R. 7E

9 N 5 E

Name of Land Owner Rankin, Wellington D. Address Helena Montana

Name of Operator Same Address " "

Legal Description

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

North

See Master Map. in T 9N-R. 5E #42

Code No. System Source of Water

Basin Present Potential Maximum R F P G S

Code No. System Source of Water

Basin Present Potential Maximum R F P G S

Code No. System Source of Water

Basin Present Potential Maximum R F P G S

Code No. System Source of Water

Basin Present Potential Maximum R F P G S

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

FORM F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Dave & Joe

Area Saw Mill Cr.

Date 9/8/50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 35A

County Meagher

T. 8N R. 7E Sec. 35

Photo No. MA-39-201

Legal Land Owner Rankin, Wellington D Address Helena

Operator same Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System ✓ Not in use Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir ✓ Small Gravity ✓ Regular

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 Trib. to Saw Mill Cr.

Acres Irrigated 1950 none

Potential Acres _____ Seeped _____

Explain _____

Condition of System poor

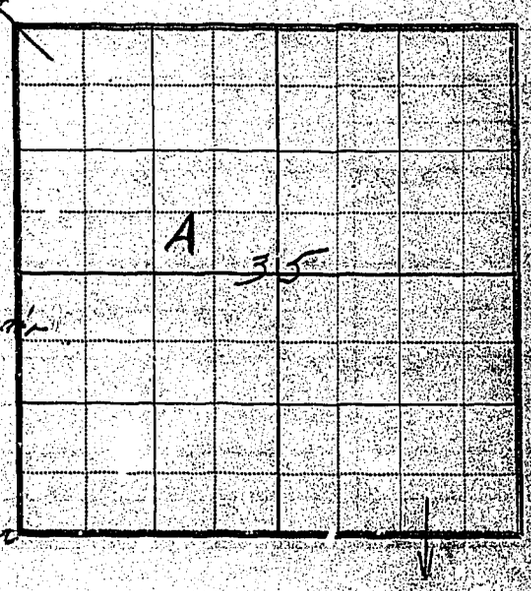
Adequate Supply Yes _____ No ✓

Explain Dam in res. badly in need of repair partly out, also ditches

Topography Slight slope

Information From Field Survey

Remarks Has not been in use for several yrs. place run down used only for pasture.



(52)

Ditch heads in SE, SE ¼, Sec. 35
(Not in use), Pot. land Sec. 35.

Small earth fill reservoir in about the
NW, SE ¼, Sec 35 partly out
Ditch from res. extending in a
South westerly direction.
For land in Sec. 35 (Not in use).

Ditch heading in coulee in the SE, NE ¼
Sec. 35 All ditches in this Sec. in
need of cleaning & repair.
Not in Use. Pot. in Sec. 35

AMERICAN STANDARD SCHAEFER
CIVIL ENGINEERS' CHECK