

County Meagher

STATE OF MONTANA
 WATER CONSERVATION BOARD
 Water Resources Survey

T. 8N R. 5E Plat No. 54

Farm Checked: Date 10-5-49

Photo No. 15A-40, 15A-05

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)	R/F		Present Irr. Acres	Irrigable Acres
							No.	R/F		
2-631 M4	Chas W. Cook	Cook Creek	5-1-74	200	No					
4-26 M6	Frank Walker	Cook Creek	10-7-13	1000	No					
5-327	Adolph Kepler et al	Mill Creek	7-15-11	2000	No					
7-61	Russell Manger	Woods Gulch (S.FK)	10-1-49	200	Yes	Manger Ditch	1	F	84	0
7-62	Russell Manger	Woods Gulch (S.FK)	11-15-47	1000	Yes	Manger Ditch	1	R	213	0
Use		Trib N.FK Cook Creek			Yes	Manger Ditch	1	R	225	0
Use		N.FK Cook Creek			Yes	Manger Ditch	1	R	194	0
Use		S.FK-Cook Creek			Yes	Manger Ditch				

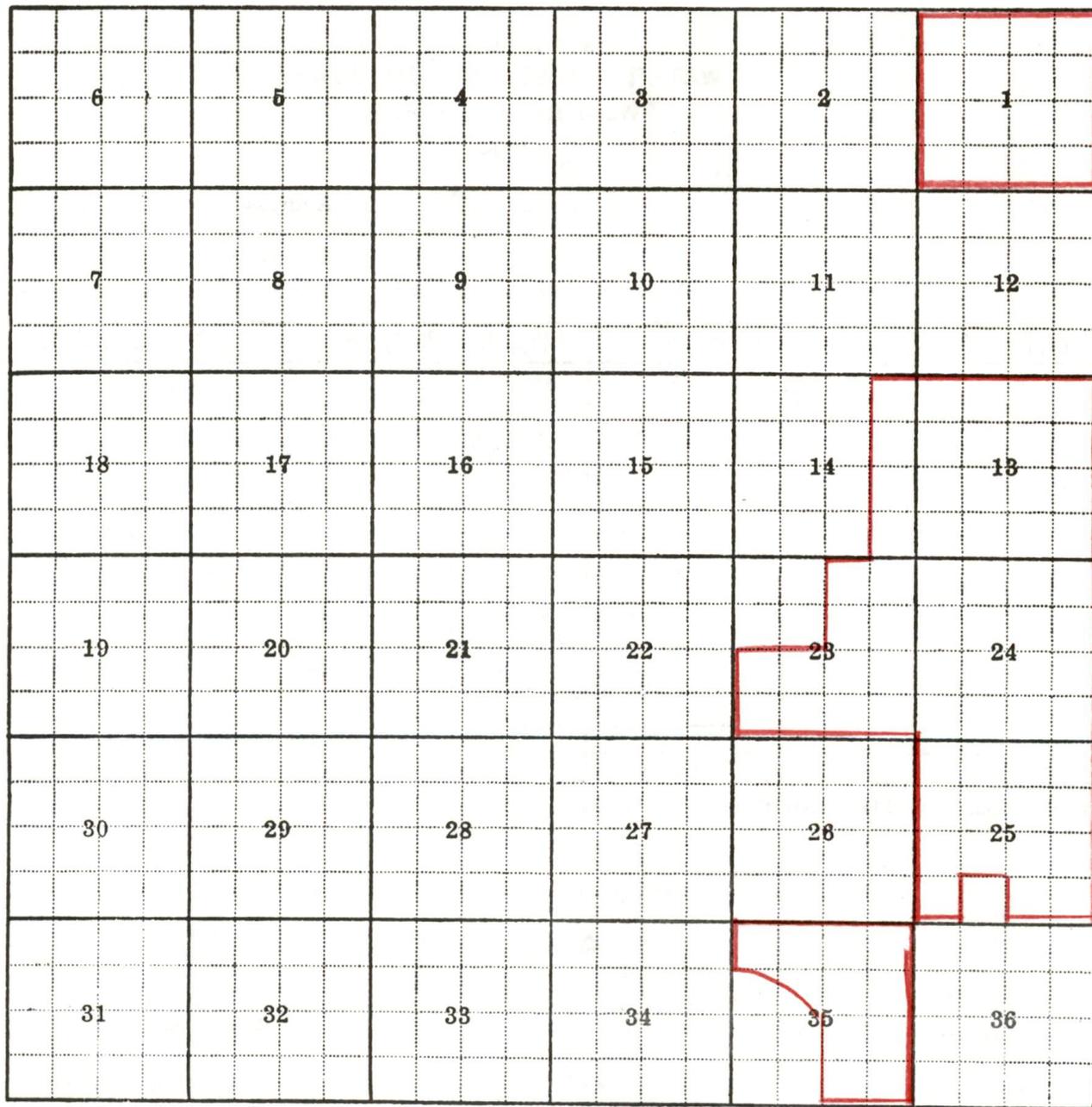
NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation.

Adequate Supply: Yes _____ No _____ Explain _____
 Remarks _____

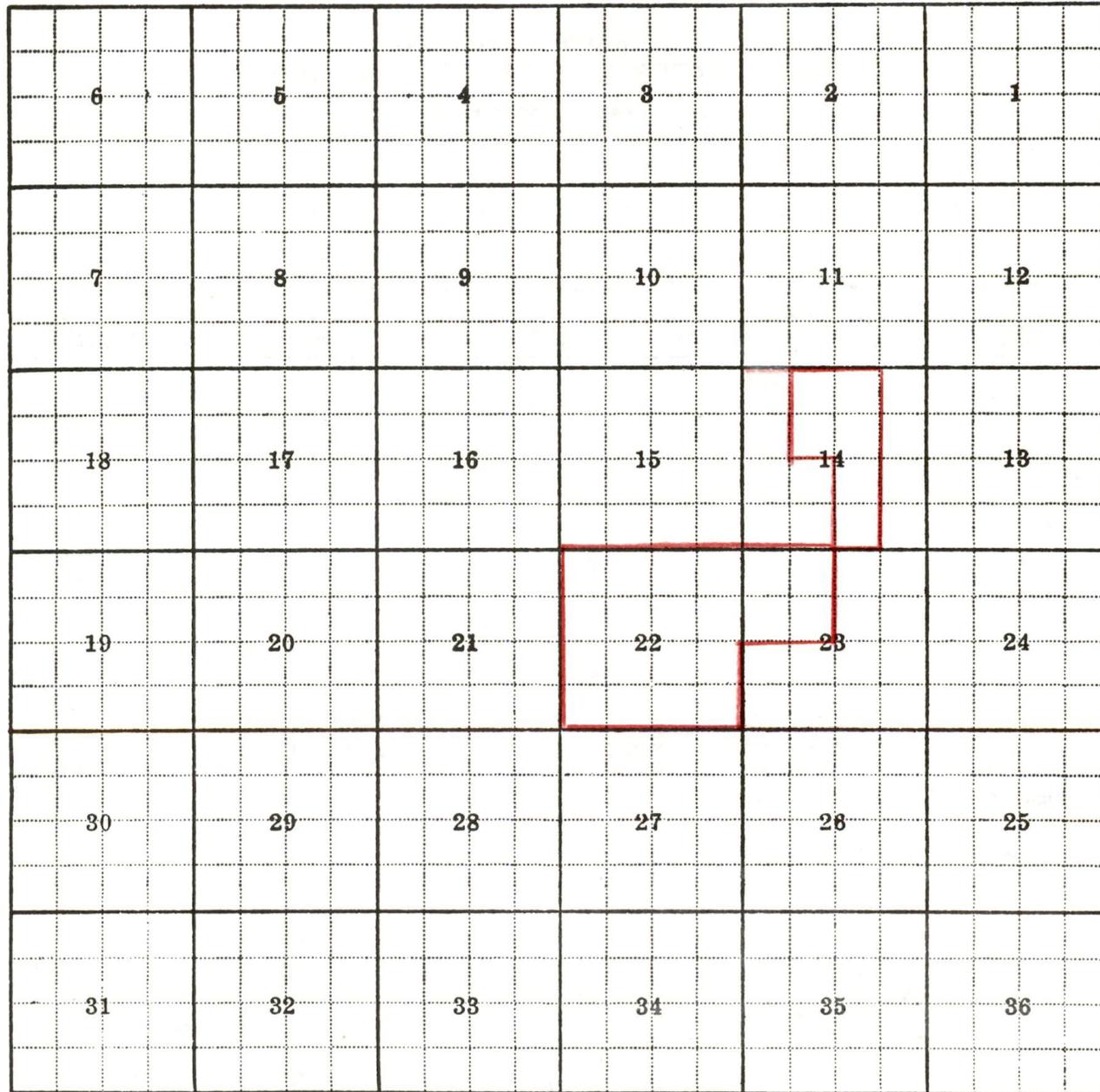
River Basin _____

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. 56 Twp. 8N Rge. 7E | Plat No. _____ Twp. _____ Rge. _____

Information From:
Russell Manger



Land Ownership _____



Land Ownership

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County Meagher

Farm Checked: Date 10-7-49

By Joe & Dave

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

STATE OF MONTANA
WATER CONSERVATION BOARD
Water Resources Survey

T 8N R 5E Plat No. 54

Photo No. 15A-39



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)	R/F		Present Irr. Acres	Irrigable Acres
							No.			
D-174	Daniel F. Jackson	Woods Gulch (S. Fk)	10-20-81	100	Yes	Rankin Ditches	1	R	119	0
2-296	William Luppold	N. Fk. Woods Gulch	5-1-92	250	Yes	Rankin Ditches	1	R	134	0
2-320	William Luppold	Woods Gulch	11-13-96	60	Case #1501					
5-204	Henry A. Demaray	Hill Creek	6-11-10	200	No					
5-295 L	Albert Brukert	Woods Gulch	10-7-81	150	Case #1501					
3-396 L	D. E. Folsom	Woods Gulch	4-2-82	200	Case #1501					
1-81	D. E. Folsom	N. E. S. Fk Woods Gulch	5-18-87	400	No					
5-205	Henry A. Demaray	Spring	6-11-10	50	No					
2-416	Fiana Kirschbaum	Mid Fk. Woods Creek	6-15-00	100	Yes	Rankin Ditches	1	F	21	0
6-55	C. W. Cook	Independence Creek	6-18-80	500	No					
2-417	Fiana Kirschbaum	Woods Creek	6-15-00	200	Case #1501					

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

Adequate Supply: Yes No Explain

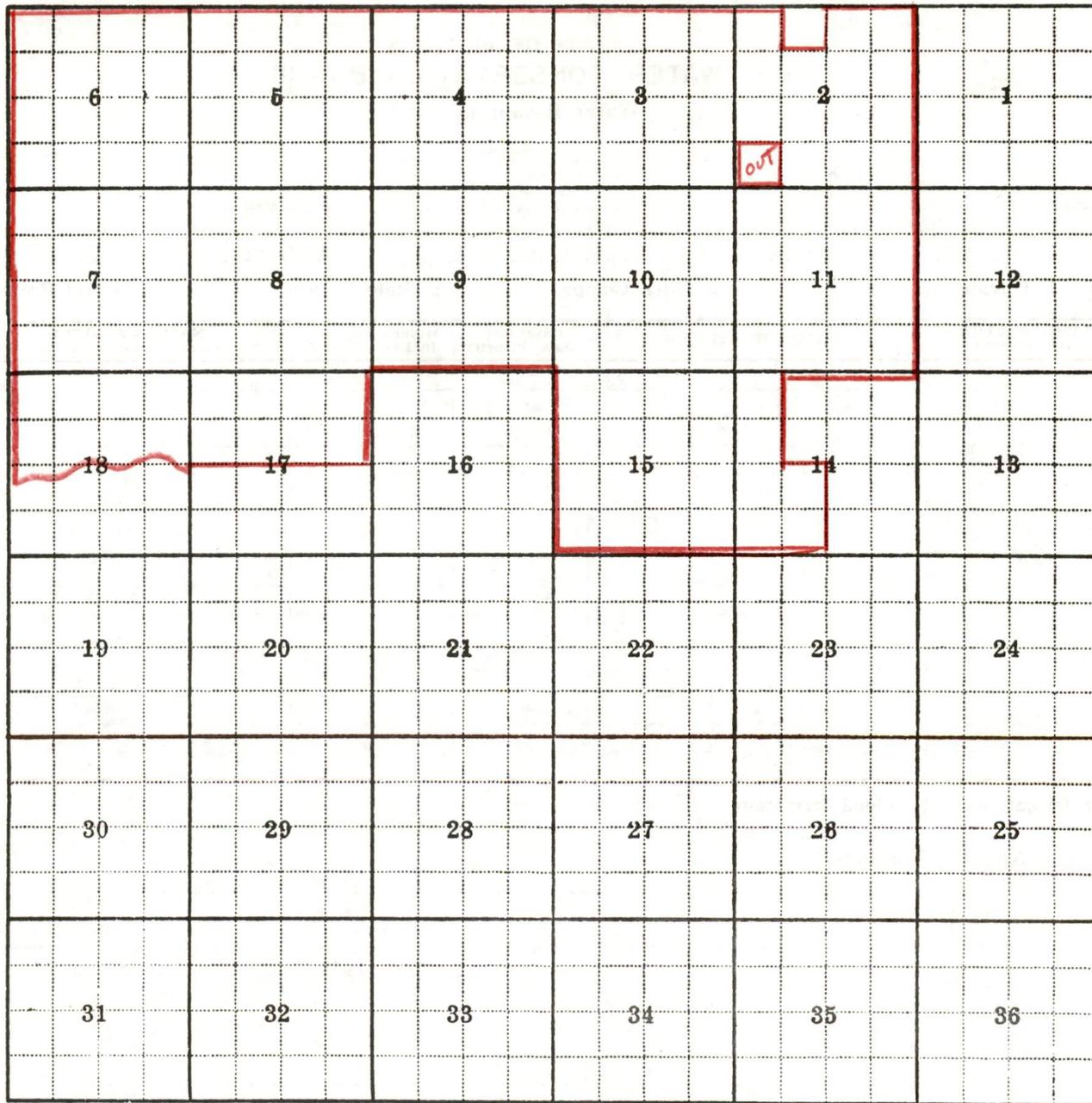
Remarks

*-D-174 Case # 1501

River Basin

Also in: Plat No. <u>63</u> Twp. <u>7N</u> Rge. <u>2E</u>	Plat No. Twp. Rge.	Plat No. Twp. Rge.
Plat No. <u>55</u> Twp. <u>8N</u> Rge. <u>4E</u>	Plat No. Twp. Rge.	Plat No. Twp. Rge.

Information From:
Chas. Kelly - Kirschbaum



Land Ownership _____

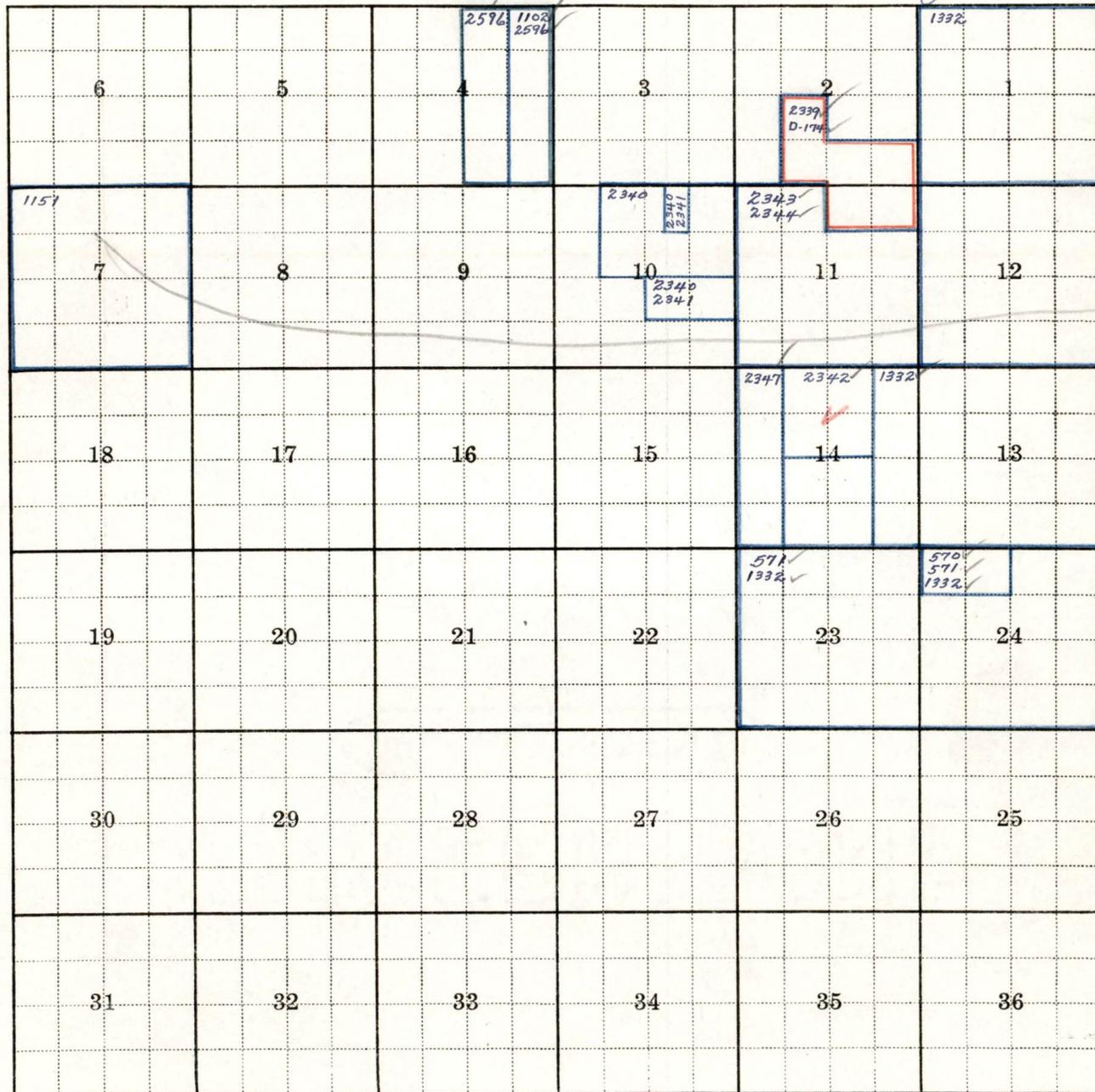
Township 8 North - Range 5 East

<u>Code No.</u>	<u>Owner</u>	<u>Operator</u>
1a,13a,14a,23a,24a, 25a,35a	Manger, Russell	
2a,11a	Rankin, Wellington D.	
14c,22a,23b	Schendel, Roy & Aurelia	

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8 North Range 5 East County Meagher



Township 8 North Range 5 East

Township 8 North, Range 5 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>
570	Cook, Charles W. ✓ <i>Roy Schendel</i>	Cook's Creek	5-1-74	4-5-92	200
571	Walker, Frank ✓	<i>COOKS</i> Cook's Creek	10-7-13	<i>About 1939</i> 11-10-13	1000
1102	Demaray, Henry A. ✓	Hill Creek	6-11-10	6-11-10	200
1151	Cook, C. W. ✓	Independence Creek	6-18-80	9-25-97	500
1332	Keppeler, Adolph and Walker, Frank ✓	Mill Creek	7-15-11	4-27-12	2000
2339	Jackson, Daniel F. ✓ <i>SEE D-174</i>	Wood's Gulch Creek	10-20-81	5-29-93	200
2340	Kirschbaum, Fiana ✓ <i>SEE D-174</i>	Wood's Gulch Creek	6-15-00	5-23-01	200
2341	Kirschbaum, Fiana ✓ <i>Mid FK</i>	Wood's Gulch Creek	6-15-00	5-23-01	100
2342	Logan, William J. <i>S</i>	Wood's Gulch Creek	5-15-90	11-22-04	100
2343	Luppold, Wm. ✓ <i>No FK</i>	Wood's Gulch Creek	5-1-92	5-2-96	250
2344	Luppold, Wm. ✓ <i>SEE D-174</i>	Wood's Gulch Creek	11-13-96	11-19-96	50
2347	Monzel, John <i>S</i>	Wood's Gulch Creek	9-19-02	1-12-04	175
2596	Demaray, Henry A. ✓	Unnamed Spring	6-11-10	6-11-10	50
D-174	Jackson, Daniel F. ✓	Wood's Gulch	10-20-81		100

⊗ = Russell manger Appropriations
 ⊗ = Wellington D. Rankin "
 ⊖ = Roy + Aurelia Schendel "

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER IM 3-49 17380

1B, 13A, 14A, 23A, 24A

By Dave & Joe

State Engineer's Office

Code No. 25A, 35A

Area Cooks Creek

WATER RESOURCES SURVEY

County Meagher

Date 10/5/49

T. 8N R. 5E Sec. 23, 14, 17

Legal Land Owner Manger, 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 Manger Gravity ditches Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. 570, 571, 1332

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 North Fork Cooks Cr. and Reservoir System.

Acres Irrigated 19 49

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply..... Yes No _____

Explain _____

Topography Valley

Information From Russell Manger

Remarks _____

For other file			
numbers see			
Master Form			
# 32			

See over

50.

N. F. K. COOKS CREEK:

Ditch heads Northside in NW, NE $\frac{1}{4}$, Sec. 23
Damed off original ditch where it started
washing badly, from dam he runs out small
laterals on field. Has metal culvert
spill back into creek.

Reservoir Sec. (13)

Large Reservoir in NW $\frac{1}{4}$, Sec. 13 - Dirt dam
with 24" metal outlet and screw type hd. gate
Ditch from reservoir extending $\frac{3}{10}$ mile
northeast of headgate then swings left spills
into draw in Sec. 12 then is picked up in ditch for res.
in Sec. 13.
Ditch takes off of res. at headgate and
runs almost southeast into res. in SE, SE $\frac{1}{4}$, Sec. 13.
Also branches off just above reservoir to irrigate
hay meadow southeast of house in Sec. 18 - T8N-R.6E.

Ditch on south side of N.F.K. COOKS CREEK.
Heads in SE, NW $\frac{1}{4}$, Sec. 23 runs southeasterly
to sec. line between 23 & 24 where it is now
cut off by new ditch (Not completed)

New ditch → This new ditch takes out in NE, SE $\frac{1}{4}$, Sec. 23
and extends east into sec. 24 then north
in hay meadows to reservoir in Sec. (13)

This ditch will pick up all run off from
upper ditches. Irr. Hay & supply to reservoir
sec. (24) → New, ^{small} reservoir in NE, SW $\frac{1}{4}$, Sec. (24) with ditch
heading out in a northerly direction about $\frac{1}{4}$ mile
dirt dam, no headgate.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

By Dave & Joe
Area Cook's Creek

Code No. _____
County Meagher
T. 8N R. 5E Sec. _____
Photo No. 15A-40

Date 10/5/49
Legal Land Owner Manger, Russell
Operator Same
Water is delivered by: (Cook Ranch)

Address White Sulphur
Address " " "

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. 1332

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 ~~Deep Creek~~ Mill Creek Tributary of Deep Creek

Acres Irrigated 19 _____
Potential Acres _____ Seeped _____
Explain _____
Condition of System _____
Adequate Supply..... Yes _____ No _____
Explain _____
Topography _____
Information From _____

Remarks This ditch used as a supply ditch to N.F.W. Cook's Cr.

See over

Deep Creek:

Ditch out of creek heads in Sec. 28 —
Broadwater County.

This ditch to supplement water to N. Fk.
Cooks Creek,

Ditch starts on west side across ~~draw~~ ^{Mill} ~~side~~
^{Creek} ~~draw~~, then across Deep Creek about a mile
below head of creek, picks up Cr. and water
from coulees. Extends east about 1500 ft.

Ditch spills into a fork of the N. Fk. Cooks Cr.
which supplies water to ditch systems & reservoir

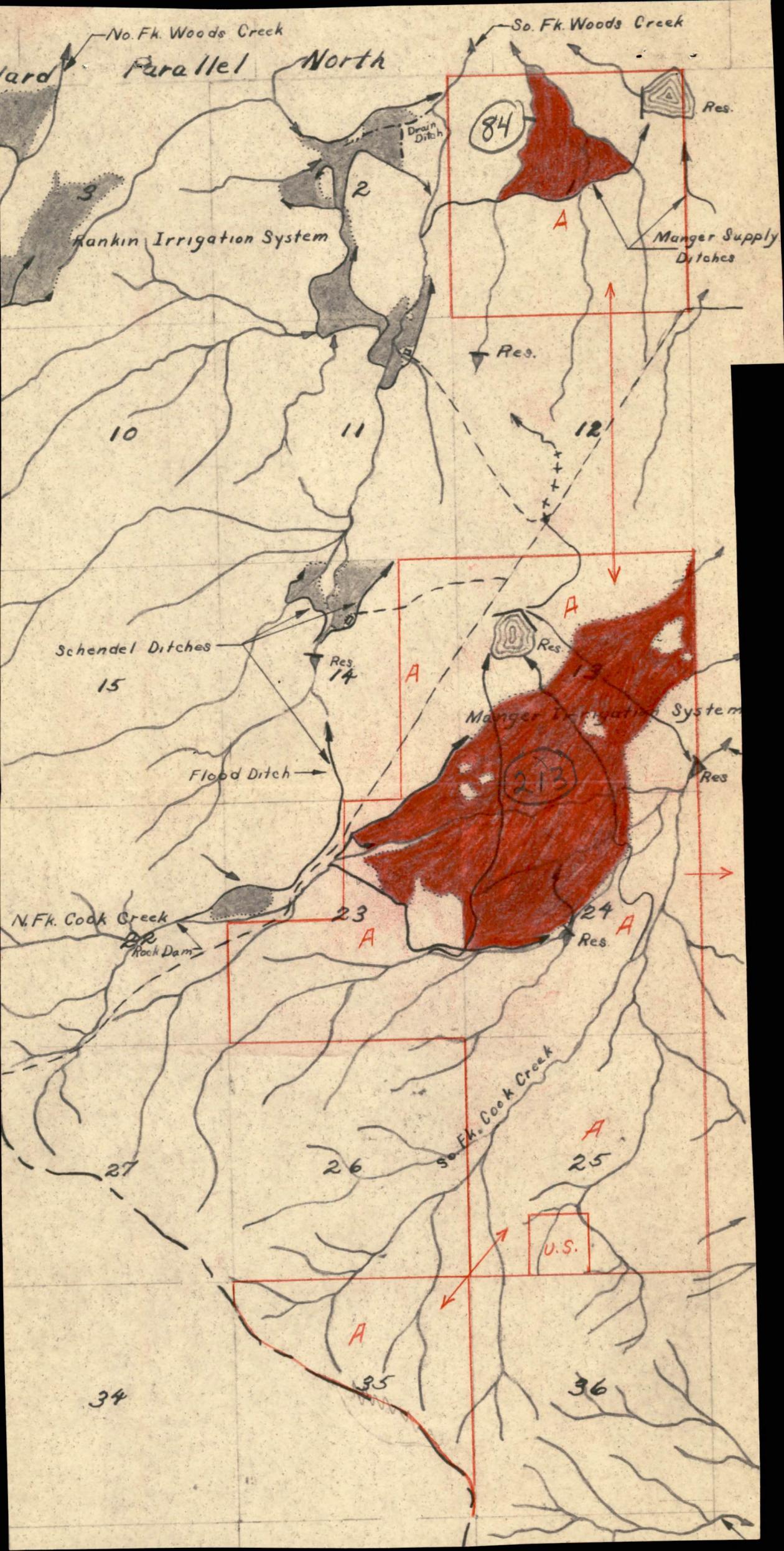
Dirt dam across Deep Cr. with metal culvert through
to ~~damp~~ ^{let Deep Creek continue in Deep Cr.} ~~into~~ creek, No headgates, a present.

570	Cook, Chas. H.	Cook's Creek	5-1-74	4-5-92	112 200
571	Walker, Frank	" "	10-7-13	11-10-13	1000
1332	Keppeler, Adolph + Frank Walker	mill lev.	7-15-11	4-27-12	2000

Soi. Fk. Woods Gulch Creek:

Supply ditch out of the SE $\frac{1}{4}$, Sec. 2
Extends east and north for large reservoir
in the NE $\frac{1}{4}$, Sec. 1.

Also some sub irrigated land in Sec. 1.



State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 13A-14A-
23A-24A.

Twp. 8N Rge. 5E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

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 ^{North} #51 #43 #44 #52 #22 #23
#32 #33 #66 #73
↑ Now A. Doig

Code No. 1A System Manger Supply Ditch Source of Water So. Fk Woods Gulch
Basin Smith River Present 84 Potential 0 Maximum 84 R F P G S
Code No. 13A, 14A, 23A, 24A System Manger Ditches Source of Water North Fk Cooks Creek
Basin So. Fk Smith River Present 225 Potential 0 Maximum 225 R F P G S
Code No. 13A, 24A System Manger Ditches Source of Water Unnamed Coulee Tributary to No. Fk Cooks Cr.
Basin So. Fk Smith River Present 213 Potential 0 Maximum 213 R F P G S
Code No. 13A, 24A System Manger Ditch Source of Water So. Fk Cooks Creek
Basin So. Fk Smith River Present 74 Potential 0 Maximum 74 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. over Date 2/9/51

Code No. 13A System Manger Ditch Source of Water Cooks Creek
Basin So. Fk Smith River Present 100 Potential 0 Maximum 100 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. over Date 2/9/51

#5

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe
Area Woods Gulch Creek

Code No. 2A, 11A,

County Meagher

T. 8N R. 5E Sec. 11, 21

Date 10/7/49

Photo No. 15A-39

Legal Land Owner Rankin, Wellington D Address Helena Mont. White Sulphur

Operator Same Address " "

Water is delivered by: (called O'Connor Place) 2K Ranch

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 Daniel F. Jackson App. No. 2339, D174

Original Appropriator, Private William Luppold App. No. 2344, 2343

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. Woods Gulch Creek and Spring
T. 8N - R. 5E

Acres Irrigated 19 49

Potential Acres _____ Seeped _____

Explain _____

Condition of System Good-dirt & rock dams when needed

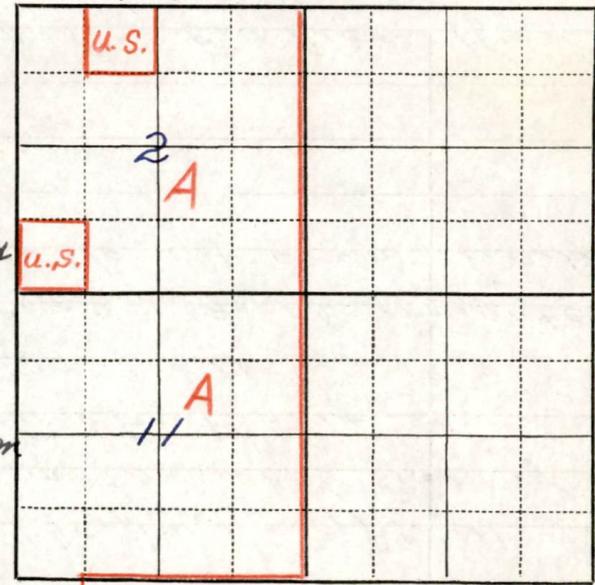
Adequate Supply..... Yes No _____

Explain Continuous flow year around

Topography mountain Parks

Information From Chas. Kelly & Kirschbaum

Remarks Kirschbaum once owned this place.



Kirschbaum said irrigated about 400 acres total for all land So. FK. and N. FK. & Tributaries.

#50

So. Fk. Woods Gulch Cr.

Two ditches out of the SW, NE $\frac{1}{4}$, Sec. 11
one on east side & one on the west side of Cr.

One on east extends about half mile
irrigates land in Sec. 2 & 11.

One on west side extends north irrigates
hay meadow sec. 2 south of drain ditch.

Filed on Woods Gulch Cr. By Fiana Hirschbaum³
App. No. 2340, 2341. Date filed 5/23/01

For 200 MI - 100 MI.

These rights have not been in use for
many years. Faint trace of old ditches
almost obliterated.

Spring:

Ditch heads in spring NE, NW $\frac{1}{4}$, Sec. 2.

Extends east and runs to ^{S.F.} Woods Gulch Cr.
and spills back into creek.

Irrigates hay meadow north of drain ditch.

Drain ditch extends through and about center
of meadow.

Two ditches heading NW, NE $\frac{1}{4}$, Sec. 36 extending
north one on each side of creek

Ditches in need of cleaning & repair (not in use)

So. Fr. Woods Gulch Creek.

Ditch on east bank little below reservoir in SE, NW $\frac{1}{4}$, Sec. 14 extending northeast to north Sec. line of 14.

Ditch on west bank heads approx same as east bank ditch.

This ditch runs north & north west to irrigate hay meadows in ~~the~~ NE, NW $\frac{1}{4}$ Sec. 14

And ditch heading in NE, NW $\frac{1}{4}$ on branch of So. Fr. Woods Cr.

North Fork Cooks Creek.

Flood ditch and supply to small reservoir heads on north bank in SE, NW¹/₄ Sec. 22 irrigates about 90 acres hay in sec 22 & 23 then goes north to center Sec 14 where it spills into So. FK Woods Cr. This ditch has rock dam no headgate Reservoir located in SE, NW¹/₄, Sec. 14

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 8N-~~R5E~~ Range 5E 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
30	29	28	27	26	25
31	32	33	34	35	36

Handwritten red markings on the grid:
- A red box labeled 'A' covers sections 21, 22, and 23.
- A red box labeled 'B' covers sections 22 and 23.
- A red box labeled 'C' covers section 14.

Township 8N Range 5E

State Engineer's Office

WATER RESOURCES SURVEY

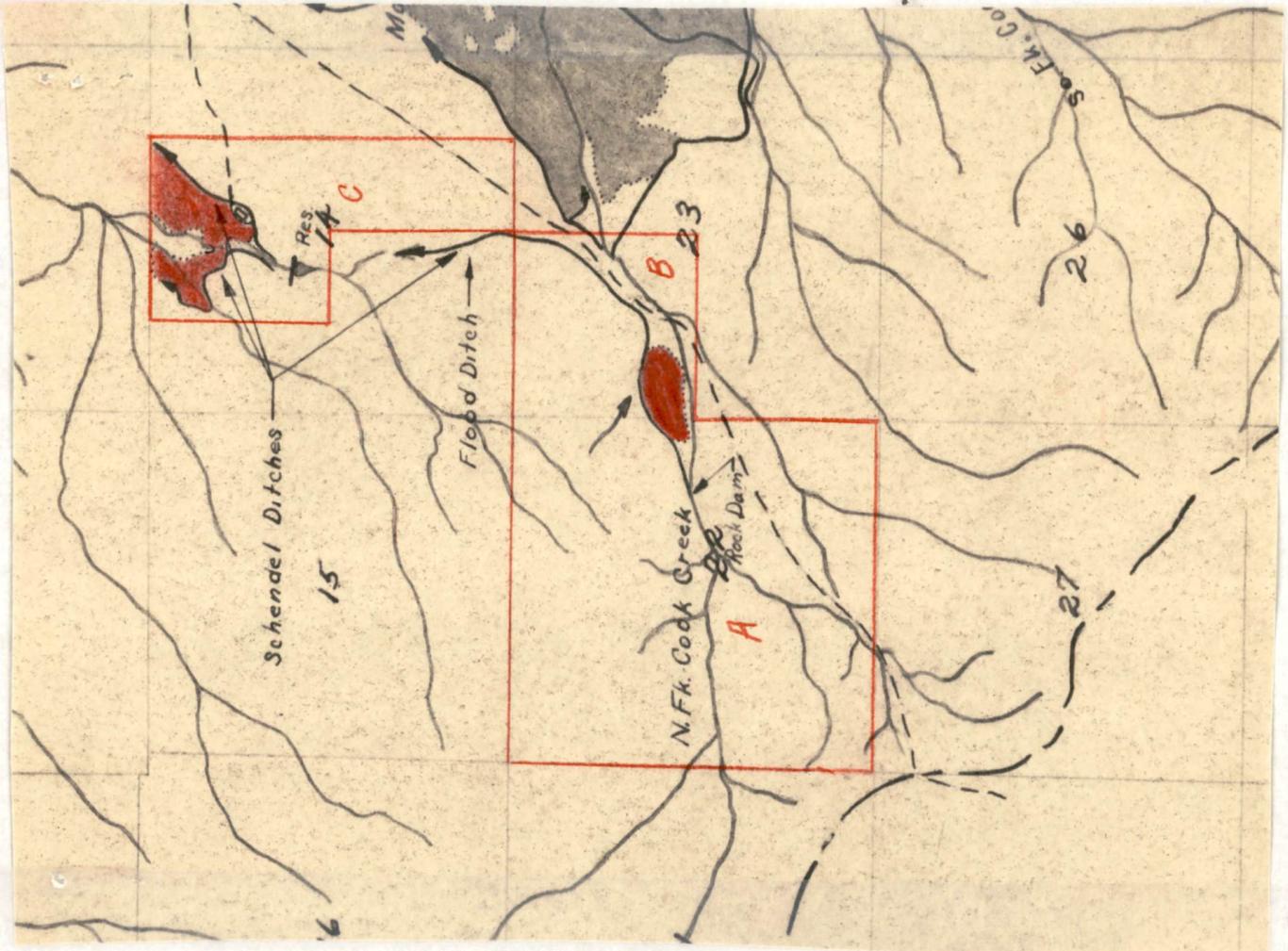
FARM MAP

County Meagher
Code No. 14C, 22A
23B

Twp. 8N Rge. 5E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Schandel, Roy & Aurelia Address White Sulphur Springs
Name of Operator Same Address " " "
Legal Description _____

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



Code No. 22A, 23A System Schandel Ditch Source of Water North Fk. Cook's Creek
Basin So. Fk. Smith River Present 17 Potential 0 Maximum 17 R F P G S
Code No. 14C System Schandel Ditches Source of Water So. Fk. Woods Gulch
Basin Smith River Present 36 Potential 0 Maximum 36 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