Township 9 North - Range 7 East

Code No.	Owner	Operator
18a,19a	Anderson, Dean S. & Hazel	
7a	Barfus, Eda M. & Ernest	Wm. Pitt
1a,2a,3a,4a,5a,6a, 9a,11a,12a,13a	Castle Mtn. Livestock Co.	
6b,7b	Hanson Ranch Co.	Carl O. Hanson
5d,5e,7g,8b	Holmstrom, Axel	
7c	Ludwig, Clara L. & Otto A.	
30a,31a	Manger, Russell	
5b,7e,8a	Olson, Inga	Olson, Clifford
18b	Rader, Lester E.	
18e	Reinhardt, Fred	
17b,18d,19b,20a,20b, 21a,22a,28a,28b, 29b, 30b,34a	Shaw, Henry (Francis Bailey)	Clifford Shearer
4c,9b,10a,14a,15b,22b, 23a,27a	Smith, Arcelia	Geo. Bing
8c	White Sulphur Springs Country Club	
4b,4d,5c,8d,9c	Zehntner, Reinhart	Zehntner Bros.

See Russell Manger form for City of White Sulphur Springs — D-172 Willow Cr. 10 M.I

9N-7E

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

44

Township 9 North Range 7 East County Meagher

2567 2566 2567 2451 2774 6	5 2002	2633 2295 4 2278	3	918 2	1
2283 1890 2283 7	2002 2283 8	9	2300 10	499 2285 499 2285 2301 11	12
2292 18 1538	17	16	15	547 2301 547 14	13
1261 19 1259 1260 2294	2521 20 1259	21	1620 1619 22 1619 2279	23	24
30	29	1258 28	27	26	25
31	32	D-172 33	34	35	36

Township 9 North Range 7 East

Township 9 North, Range 7 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
499	Stewart, William	Casey Creek	11-16-97	11-16-97	70
547	Hailey, George E. and Wallwork, Geo.	Condor Creek	3-26-93	3-28-93	150
918	Bruce, John	Five Mile Creek	5-8-02	5-3-06	50
1258	Bandel, Eugene	Lone Willow Creek	5-12-20	5-22-20	500
1259	Collins, George W.	Lone Willow Creek	6-26-83	6-26-83	400
1260	Collins, R. A.	LoneWillow Creek	5- -86	6-9-88	200
1261	Collins, R. A.	Lone Willow Creek	7-3-90	7-5-90	500
1538	Sutherlin, R. N. and W. H.	Musselshell River	7-1-89	7-27-89	500
1619	Bandel, Eugene	Pinchout Creek	3-22-11	3-22-11	50
1620	Barber, Geo. E. no ditch	Pinchout Creek	7-22-15	7-24-15	100
1890	Parberry, William	Smith River	6-1-86	6-1-86	500
2002	Zehntner Bros.	Spring Creek	4-15-84	4-15-84	200
2278	Badger, Fannie W.	Willow Creek	4-1-98	7-1-98	50
2279	Bandel, Eugene	Willow Creek	7-17-19	7-26-19	300
2283	Butterfield, Seth Clifford Olson ~~Smith Ranch~~	Willow Creek	9-2-79	9-13-79	1000
2285	Coon, J. R. B. et al	Willow Creek	10-26-91	12-14-91	150
2292	Lincoln, A.	Willow Creek	-1887	5-23-90	500
2294	Potter, Henry	Willow Creek	11-14-80	11-14-80	100
2295	Rader, William	Willow Creek	5-24-83	5-24-83	200
2300	Smith, N. B.	Willow Creek	5-13-02	10-8-08	320
2301	Stewart, William	Willow Creek	11-16-97	11-16-97	160
2451	Sutherlin, Will H.	Cedar Springs	9-28-91	10-1-91	25
2521	Zehntner Bros.	Pyle Spring	6-3-03	3-26-10	50
2566	Botz, Joseph	Unnamed Spring	10-11-10	10-11-10	80
2567	Botz, Joseph	Unnamed Spring	11-4-10	9-4-17	100
2633	Hanson, R. M.	Unnamed Spring	11-23-78	11-23-78	100
2774	Wild, Maude C.	Unnamed Spring	4-1-10	4-4-10	80
D-172	White Sulphur Springs	Willow Creek	Summer -98		10

Master Form in T9N R6E

FORM F-1 REPORTER 1M 3-49 17380

Farm Checked

By Charles & Bill

Area White Sul Spgs

Date June 27-1950

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 18A, 19A

County

T. 9N R. 7E Sec. 18 & 19

Photo No. MA-14A-161

Legal Land Owner Dean S. Anderson & Hazel Address

Operator " " Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc. (Note all stored water)

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 Water Board Smith Side Canal (N. Fk. Smith R.)

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System Good

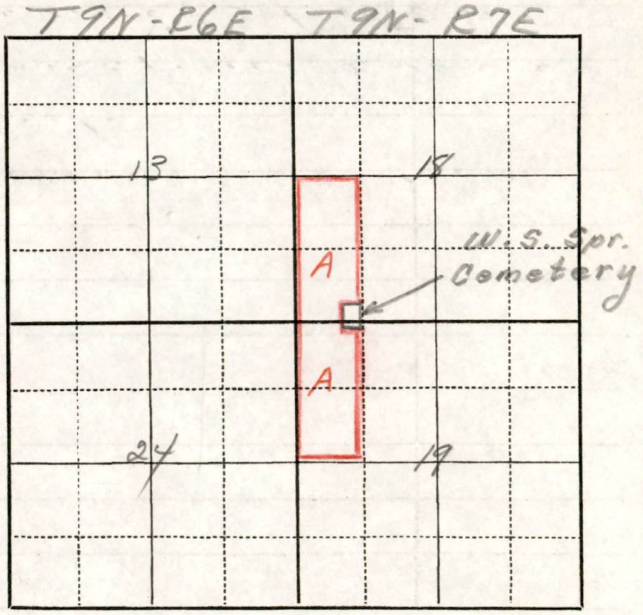
Adequate Supply Yes ✓ No

Explain all stored water

Topography First Bench

Information From Dean Anderson

Remarks Buys 450 A.F. from Water Board.



Is a member of Smith River Water Users Assn. and South Side Canal Water Users assn. Mr Anderson is President of Canal Assn. Morse Holme at Courthouse Sec. of assn.

Anderson-Dempsey Ditch
Point of Diversion from Unnamed Coulee in the SE¼SW¼ Sec. 17 T. 9N-R. 7E.
Water is spilled into Coulee from the So. Side Canal. Anderson buys 450 Acre ft. from S.W.C.B.

Form WR-B
Reporter 20168 2M 12-49

Twp._____ Rge._____
Twp._____ Rge._____
Twp._____ Rge._____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

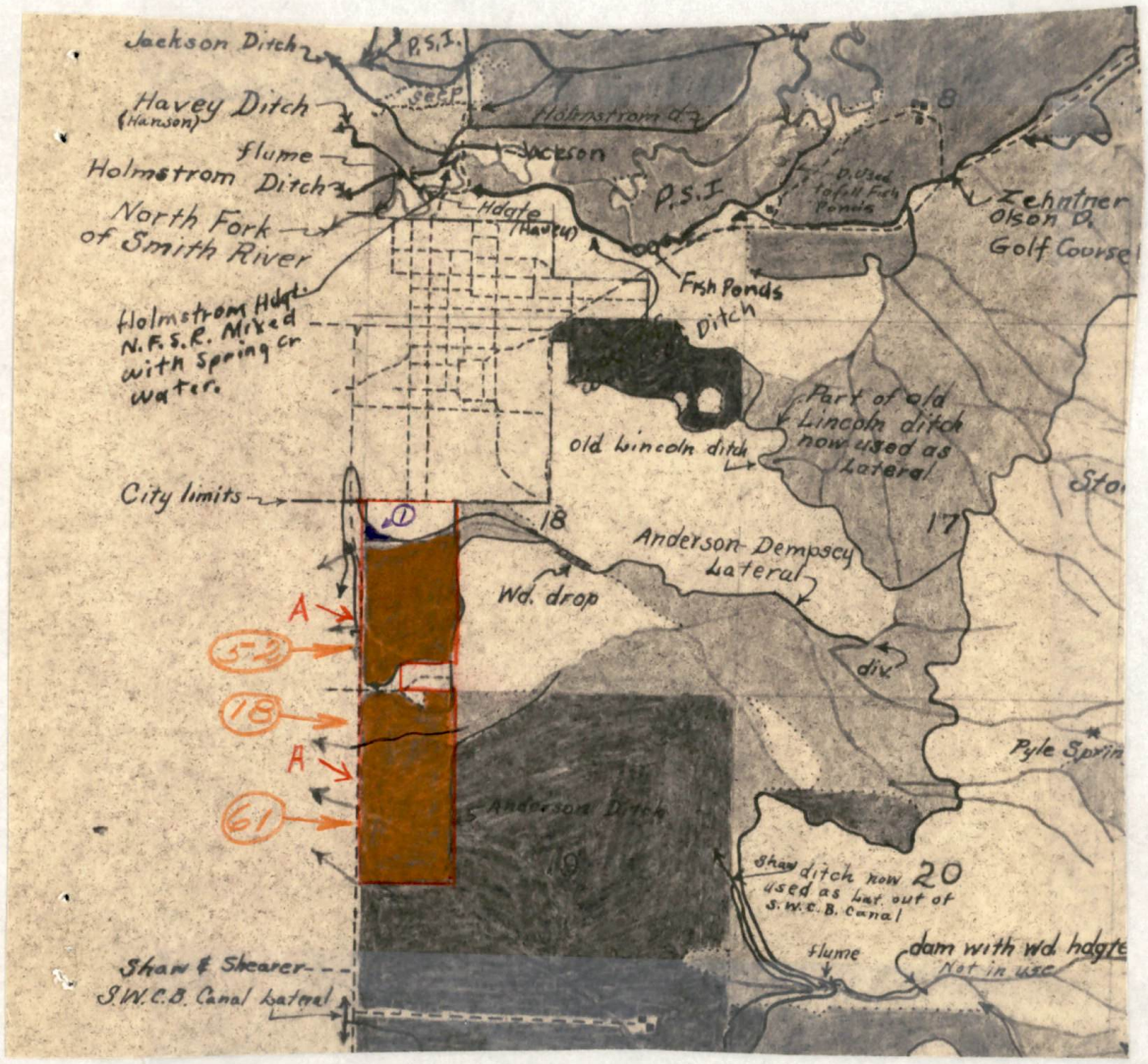
FARM MAP

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. 18A, 19A System ANDERSON-DEMPSEY D. Source of Water N. FK. SMITH RIVER (South Side Canal water dropped into unnamed course)
Basin N. FK. SMITH RIVER Present 70 Potential 1 Maximum 71 R ✓ F__ P__ G__ S ✓

Code No. 19A System ANDERSON DITCH Source of Water N. FK. SMITH RIVER (SOUTH SIDE CANAL WATER)
Basin N. FK. SMITH RIVER Present 61 Potential 0 Maximum 61 R ✓ F__ P__ G ✓ S ✓

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

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

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

Information from ____ Date____

(44)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

By Oravetz-Bille

Area Wh. Sul. Sprs.

Date 7/6/50

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7A

County Meagher

T. 9N R. 7E Sec. 7

Photo No. MA-14A-161

Legal Land Owner Barfus, Eda M. & Ernest Address

Operator Wm Pitt Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private William Parrberry - Smith River - 500 inches App. No. 1890

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 Fk. Smith River & Springs

Acres Irrigated 19 50

Potential Acres Seeped

Explain

Condition of System

Adequate Supply Yes ✓ No

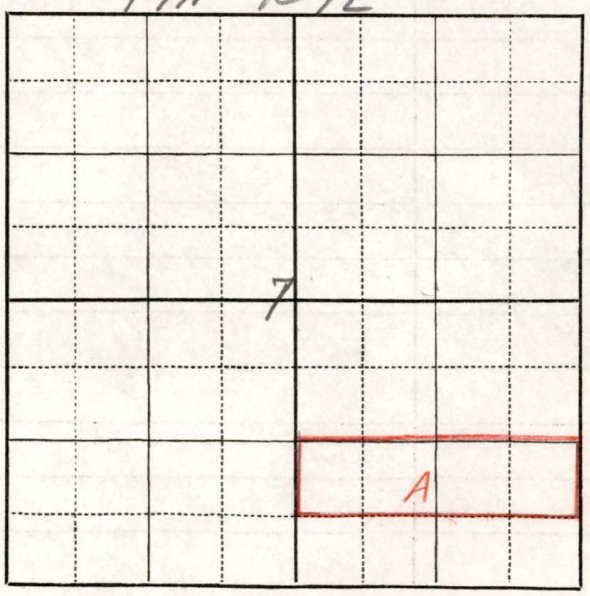
Explain

Topography River Bottom

Information From Field Survey

Remarks Present use of water is for fish ponds.

T9N - R7E



Trace of John A. Woodson ditch.
Has some potential land under this ditch
Buys 10 Acre ft. from the Smith River water
Users Association. (For fish ponds)
The white Sulpher Springs Association bought
the John A. Woodson right. Right now supposely
owned by the city of White Sulpher Springs

No.	Name	Stream	Date	M.I
1890	Parrberry, wm	Smith River	6-1-86	500

Barfus uses upper part of old Woodson
ditch to fill fish ponds. Ditch obliterated
by fish ponds & is used only to supply water
to ponds. Buys 10 Ac. ft. from S.R.W.U.A.
which is returned to the river after ponds
are filled.

y J.E.C.

to

d 12/6/50

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. 7A System WOODSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH 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___

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R___ F___ P___ G___ S___

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

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

Information from ____ Date____

#41

Also Filed in #35, #36

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Oradetz Bille

Code No. 1A, 2A, 3A, 4A, 5A, 6A, 9A, 11A, 12A, 13A

Area W.S. Springs

County Meagher

T. 9N R. 7E Sec. 1, 2, 3, 4, 5, 6, 9, 11, 12, 13

Date June 8-1950

Photo No. MA-14A-161, MA-39 86, 87, MA-39 197, 198

Legal Land Owner Castle Mtn. Livestock Co Address W. Sulphur Springs

Operator " " " " Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

~~Irrigation District~~ Water Board Canal Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private (See over) 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 Stored water - State Water Cons. Board Canal — North Fk Smith R. Unnamed Coulee — Casey Cr.

Acres Irrigated 19____,

Potential Acres Seeped Yes

Explain Some areas wet

Condition of System Fair

Adequate Supply Yes ✓ No ✓

Explain Yes with stored water

Topography River Bottom

Information From Walter Donahoe

Remarks (see master for full details)

See attached Map

(over)

App No.	Name of App	Stream	Date of Priority	M.I.
√ 918	Bruce, John	Five Mile Cr.	5-8-02	50
√ 2566	Botz, Joseph	Unnamed sp.	10-11-10	80
√ 2567	" "	" "	11-4-10	100
√ 2633	Hanson, R.M.	" "	11-23-78	100
√ 2774	Wild, Maude C.	" "	4-1-10	80
✓ 499	Stewart, Wm	Casey Cr.	11-16-97	70
~~2285~~	~~Cook, [illegible]~~	~~Willow Cr.~~	~~10-26-91~~	~~150~~
√ 2301	Stewart, Wm	" "	11-16-97	160

Transfer Deed Dated 12-15-69 BK97-Pg168
Castle Mtn Rattle Co. to Ward Paper Box Co.

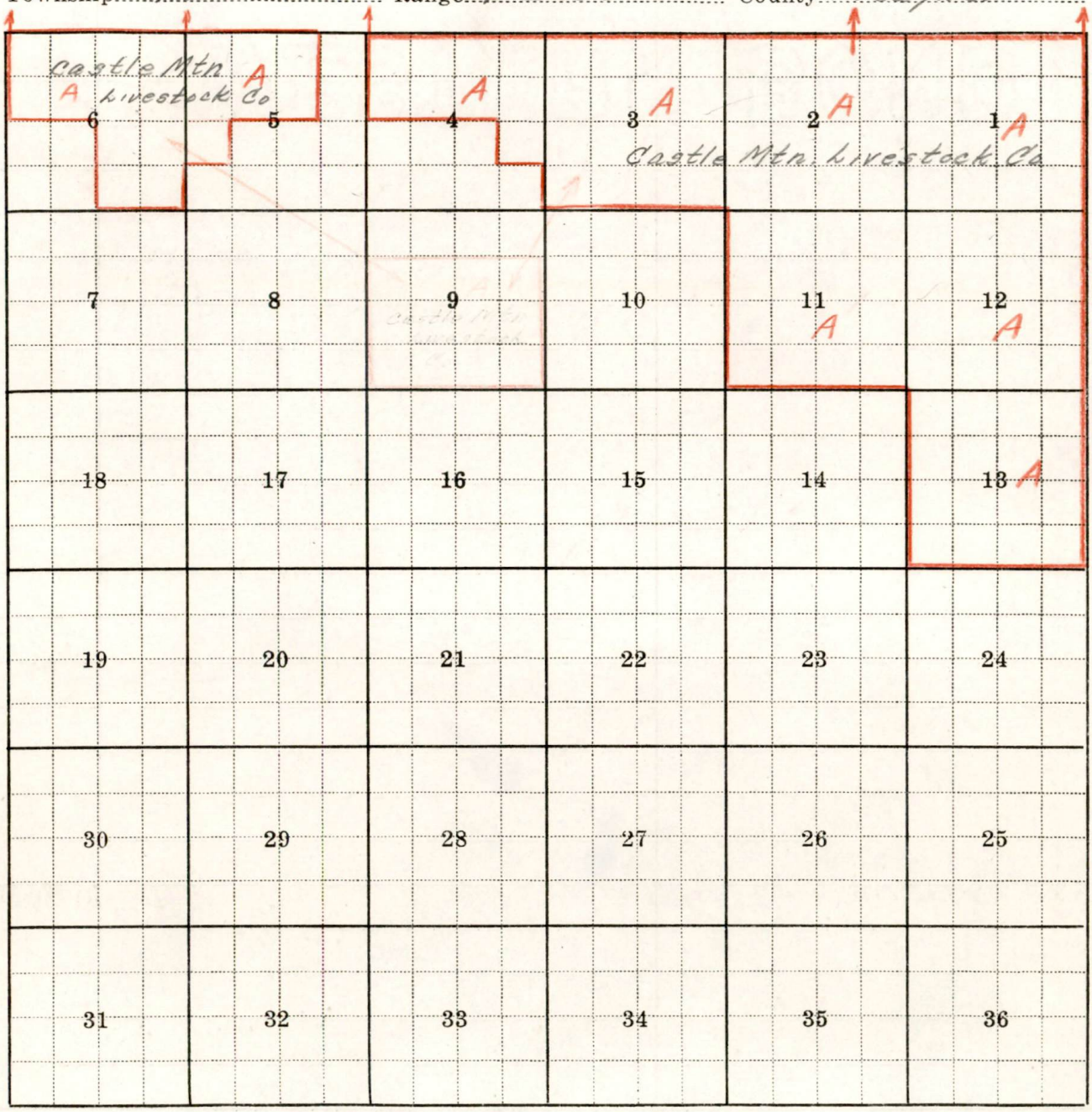
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

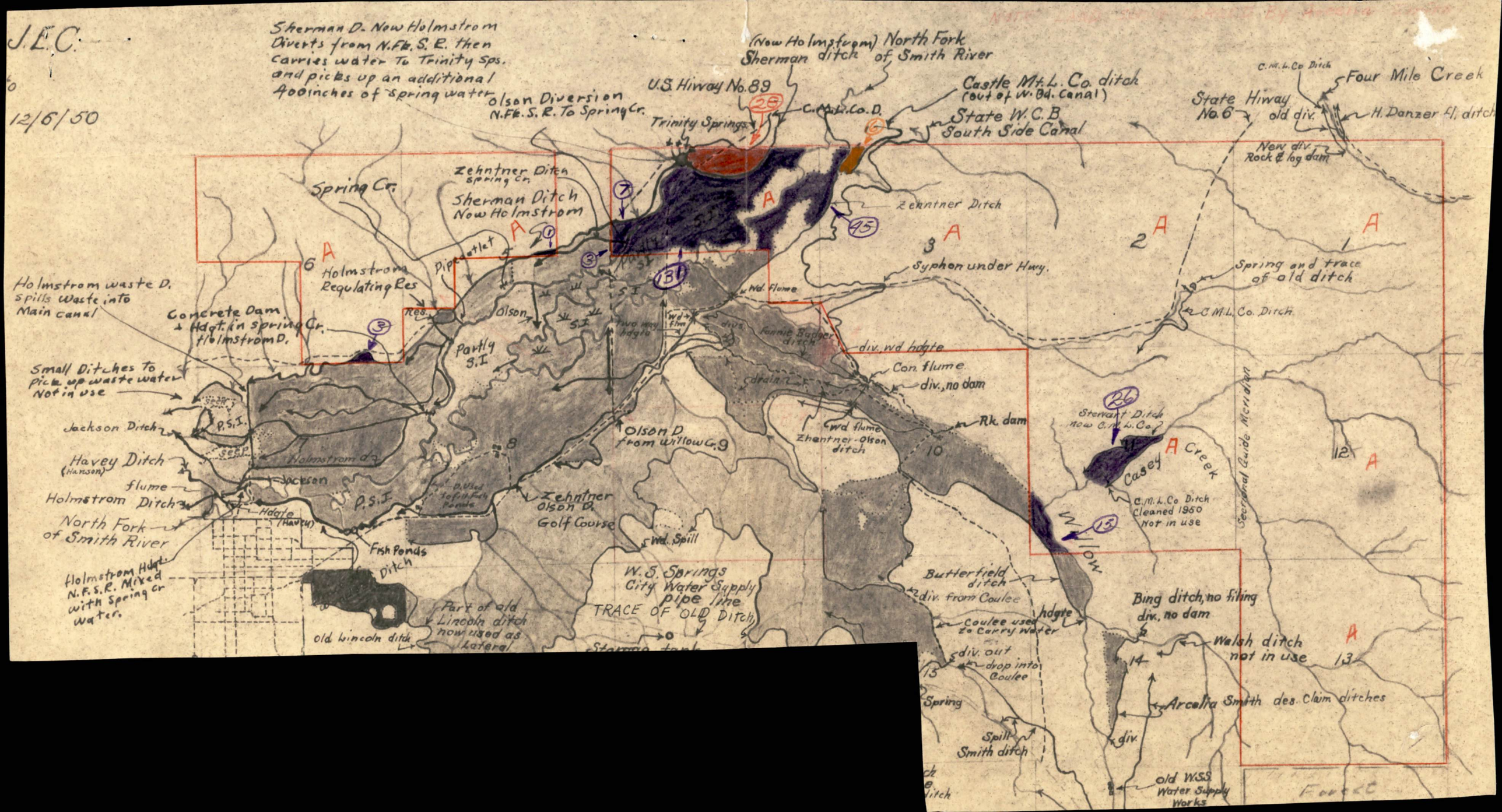
Township 9 North Range 7 East County Meagher



Township 9 N Range 7 E.

J.E.C.

12/6/50


Sherman D. Now Holmstrom Diverts from N.Fk. S. R. then carries water To Trinity Sps. and picks up an additional 400 inches of spring water
Olson Diversion N.Fk. S. R. To Spring Cr.
U.S. Hiway No. 89
(Now Holmstrom) North Fork Sherman ditch of Smith River
Trinity Springs
C.M.L.Co.D.
Castle Mt. L. Co. ditch (out of W. Bd. Canal)
State W.C.B South Side Canal
C.M.L.Co Ditch
Four Mile Creek
State Hiway No. 6
old div.
H. Danzer fl. ditch
New div. Rock & log dam
Spring Cr.
Zehntner Ditch Spring Cr.
Sherman Ditch Now Holmstrom
Zehntner Ditch
Syphon under Hwy.
Spring and trace of old ditch
C.M.L. Co. Ditch
Holmstrom waste D. spills waste into Main canal
Concrete Dam & Hdgt. in Spring Cr. Holmstrom D.
Holmstrom Regulating Res
Pipe outlet
Olson
Partly S.I.
Wd. flume
Two way hdgte
Wd + flm
divs
Fannie Badger ditch
div. wd hdgte
Con. flume
div., no dam
drain
Small Ditches to pick up waste water Not in use
Jackson Ditch
Havey Ditch (Hanson)
flume
Holmstrom Ditch
North Fork of Smith River
Holmstrom Hdgt. N.F.S.R. Mixed with Spring cr water.
Hdgte (Hansen)
Jackson
Holmstrom d.
Olson D from Willow Cr.
Zehntner Olson D.
Golf Course
Wd. flume Zehntner-Olson ditch
Rk. dam
Stewart Ditch now C.M.L.Co.
Casey Creek
C.M.L.Co Ditch Cleaned 1950 Not in use
Willow
Second Guide Meridian
Fish Ponds Ditch
Wd. Spill
W.S. Springs City Water Supply pipe line
TRACE OF OLD Ditch
Part of old Lincoln ditch now used as Lateral
old Lincoln ditch
Butterfield ditch
div. from Coulee
Coulee used to Carry Water
hdgte
div. out drop into Coulee
Spring
Spill Smith ditch
Bing ditch, no filing div., no dam
Walsh ditch not in use
Arcelia Smith des. Claim ditches
div.
Old W.S.S. Water Supply Works
A
1
2
3
6
8
9
10
11
12
13
14
15
26
29
31
45

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

Twp. 10N Rge. 7E #35
Twp. 10N Rge. 8E #36
Twp. 9N Rge. 7E #44

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 1A, 2A, 3A, 4A, 5A, 6A, 9A, 11A, 12A, 13A

Name of Land Owner Castle Mtn. Livestock Co. Address White Sulphur Springs
Name of Operator Same Address
Legal Description

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

North

Master Map in #35

Code No. 11A System CASTLE MTN. LIVESTOCK Co. DITCHES (NOT IN USE) Source of Water CASEY CREEK
Basin N. FK. SMITH River Present 0 Potential 2.6 Maximum 2.6 R ✓ F P G S ✓

Code No. 4A System CASTLE MTN. LIVESTOCK Co. DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 28 Potential 0 Maximum 28 R ✓ F P G ✓ S

Code No. 9A System SHERMAN DITCH (Holmstrom) Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 131 Maximum 131 R ✓ F P G ✓ S

Code No. 4A, 5A, 6A System SHERMAN DITCH (Holmstrom) Source of Water TRINITY SPRINGS AND N. FK. SMITH RIVERS
Basin N. FK. SMITH RIVER Present 0 Potential 11 Maximum 11 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

Code No. 3A, 4A System ZEHNTNER DITCHES Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 48 Maximum 48 R ✓ F P G ✓ S

Code No. 3A System CASTLE MTN. Co. DITCH (out of So. Side Canal) Source of Water No. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 6 Potential 0 Maximum 0 R ✓ F P G ✓ S ✓

Code No. 11A System SMITH DITCH Source of Water WILLOW CREEK
Basin N. FK. SMITH RIVER Present 0 Potential 15 Maximum 15 R ✓ F P G ✓ S

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

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

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

Information from Date

(44)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By

Code No. 6B - 7B

Area N. FK. Smith River

County Meagher

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

Date July 5

Photo No. MA-14A-161

Legal Land Owner Hansen Ranch Co. Inc. Address White Sulphur Spr.

Operator Carl O. Hansen Address Billings

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Waste water N. FK Smith River 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 North Fork Smith River

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System Run Down

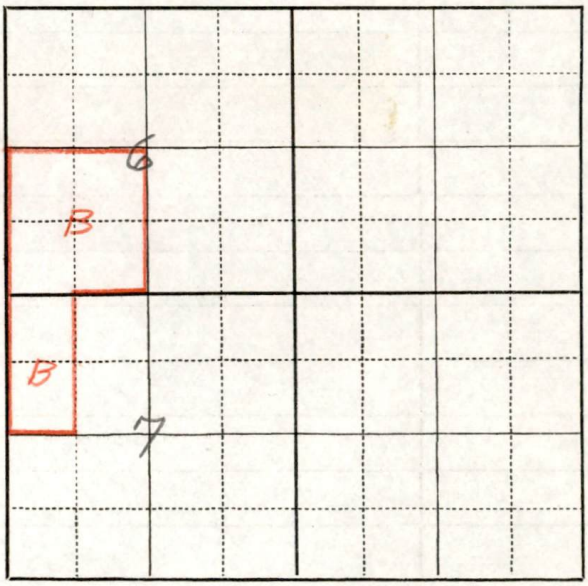
Adequate Supply..... Yes No

Explain

Topography River Bottom

Information From Carl O. Hansen

Remarks Hansen Ranch Co. - 200 A.F.
S.R.W.A.



Also in # (43)

S.E.C.

to

12/6/50

Sherman D. Now Holmstrom
Diverts from N.Fk. S.R. then
carries water To Trinity Sps.
and picks up an additional
400 inches of spring water
Olson Diversion
N.Fk. S.R. To Spring Cr
Spring Cr.
Zehntner Ditch
spring cr.
Sherman Ditch
Now Holmstrom
Pipe outlet
Holmstrom Regulating Res
Res.
Olson
Partly S.I
Holmstrom waste D.
spills waste into
Main canal
Concrete Dam
& Hdgt. in spring Cr.
Holmstrom D.
Small Ditches to
pick up waste water
Not in use
Jackson Ditch
Havey Ditch
(Hanson)
flume
Holmstrom Ditch
North Fork
of Smith River
Holmstrom Hdgt.
N.F.S.R. Mixed
with Spring Cr
water.
Jackson
Hdgte
(Hanson)
P.S.I
D. Used to fill Fish Ponds
Zehntner
Olson D.
Golf Course
Fish Ponds
Ditch
Part of old
Lincoln ditch
now used as
Lateral
old Lincoln ditch
6
8
B
B

Form WR-B
Reporter 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Twp.____ Rge.____
Twp.____ Rge.____
Twp.____ Rge.____

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. 7B System HANSEN RANCH CO. DITCHES Source of Water SPRING CR. + Waste Water from N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 5 Potential 30 Maximum 35 R ✓ F.... P.... G ✓ S....

Code No. 7B System JACKSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 2 Maximum 2 R ✓ F.... P.... G ✓ S....

Code No. 7B System Holmstrom Waste Ditch Source of Water Trinity Springs, Spring Cr. & N. Fk. Smith River
Basin N. FK. SMITH River Present 0 Potential 7 Maximum 7 R ✓ F.... P.... G ✓ S....

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

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

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

Information from ..... Date.....

(4A)

Also in T. 9N - R. 6E #43
" " T. 10N - R. 6E #34

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

Farm Checked

By Oravetz-Bille

Area Wh. Sul. Sprgs

Date 6/12/50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 5D, 5E, 7G, 8B

County Meagher

T. 9N R. 7E Sec. 5, 7, 8,

Photo No. MA-39-197

Legal Land Owner Axel Holmstrom Address White Sulphur Springs

Operator " " Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company (See other side for Appropriations) App. No.

Original Appropriator, Private John A. Woodson - June 1877 - 100 In App. No. D-155 4th Right
John A. Woodson - Oct. 1879 - 275 In D-156 14th "

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 Smith River, Spring Creek & Trinity Springs

Acres Irrigated 1950, ?

Potential Acres Seeped yes

Explain Several Small Swamps

Condition of System Good

Adequate Supply — Yes ✓ No ✓

Explain With Stored Water

Topography River Bottom

Information From Axel Holmstrom

Remarks Axel Holmstrom buys 200 Ac. ft. from S. R. W. U. A.

See Attached Map

Master Form

App. No.	Name of App.	Date App.	No. Inches	Name of Stream
713	Byron K. Sherman	10/23/71	1000	Deep Cr. & Trinity Sprgs (All)
2541	J. S. Brewer	4/3/71	400 (or All)	Trinity Springs

Decree No.	Priority Right	To Whom Decreed	Date	No. In.	Name of Stream
D-155	4th	John A. Woodson	June 1877	100	N. Fk. Smith River
D-156	14th	" " "	Oct 1879	275	" " " "

Sherman Ditch (Now Holmstrom Ditch) No. 1
Point of Diversion in NW¼SW¼ Sec. 34 T. 10N-R. 7E on the West Bank of the North Fork Smith River. This Ditch traverses in a Southwesterly direction for about One mile, then enters a regulating reservoir (Trinity Springs) here another 400 inches of water from Trinity Springs is added to the 600 Inches from the North Fk Smith River, making a total 1000 Inches. Traversing in the same Southwesternly direction for another 1½ mile this ditch enters another Reservoir (Sherman) then travels another Mile to the west boundary of Holmstrom Land in Sec. 7 T 9N-R. 7E Land Irrigated under this ditch is NE¼SW¼, SW¼SW¼ Sec. 5; NE¼, W½NW¼ Sec. 7; & NW¼NW¼ Sec. 8, T. 9N-R. 7E.

Holmstrom Ditch No. 2
Point of Diversion - in NW¼NW¼ Sec. 8 T. 9N-R. 7E on West Bank of Spring Creek (From Trinity Springs) Ditch & laterals Irrigates Land in Sec. 7 & 8 T. 9N-7E. This ditch is Supplemented with water out of the North Fk of the Smith River from the Sherman or New Holmstrom Ditch No. 1. To irrigate land in NW¼SW¼ Sec 7, T 9N-R 7E Holmstrom No. 2 flumes both the Jackson & Hanson ditches.

Axel Holmstrom buys 200 Ac.ft. from the Smith River Water Users Association.

Continued on Next Sheet

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By

Area

Date

Code No.

County

T. R. Sec.

Photo No.

Legal Land Owner Axel Holmstrom. Address

Operator Continued — Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

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 19,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks

Holmstrom Ditch No. 3

Point of Diversion in NW¼SW¼ Sec. 7 T. 9N-R. 7E on West Bank of N. Fk. Smith River. This ditch is supplemented by some water from upper Holmstrum ditches No. 1 & No. 2.

Land irrigated is in NW¼SW¼ Sec. 7 T. 9N-R. 7E & in Sec. 12 T. 9N-R. 6E

June 13, 1950

To clarify the B. C. Sherman filings as of Oct. 23, 1871 for 600 inches from deep creek and 400 inches from Trinity Springs. Recorded in Book C. Page 259. in Humboldt County Courthouse at White Sal. Nev. According to C. H. Sherman son of B. C. Sherman the water filings for 400 inches from Trinity Springs apply to what is now known as Spring Creek. This right has been in constant use since 1871 by the Sherman family and is now in use by Axel Holmstrom. It is the only right on spring creek and Trinity Springs and is owned soley by Axel Holmstrom now. This Spring right was not contested by the court at the time the water in the Smith River was adjudicated.

Written by Gerald J. Prouty - Asst State Eng.

According to my knowledge & belief the above is correct.

C. H. Sherman

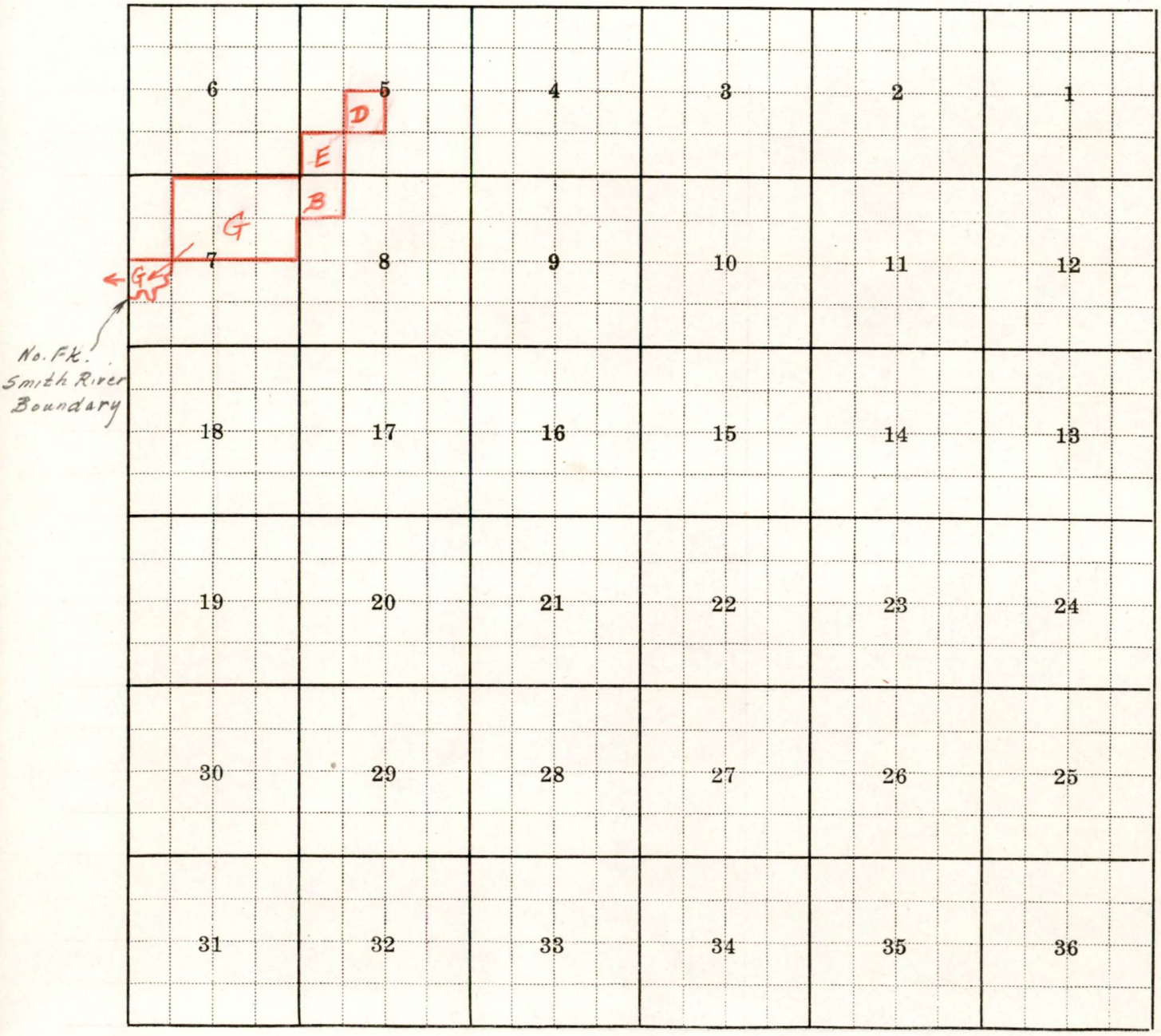
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

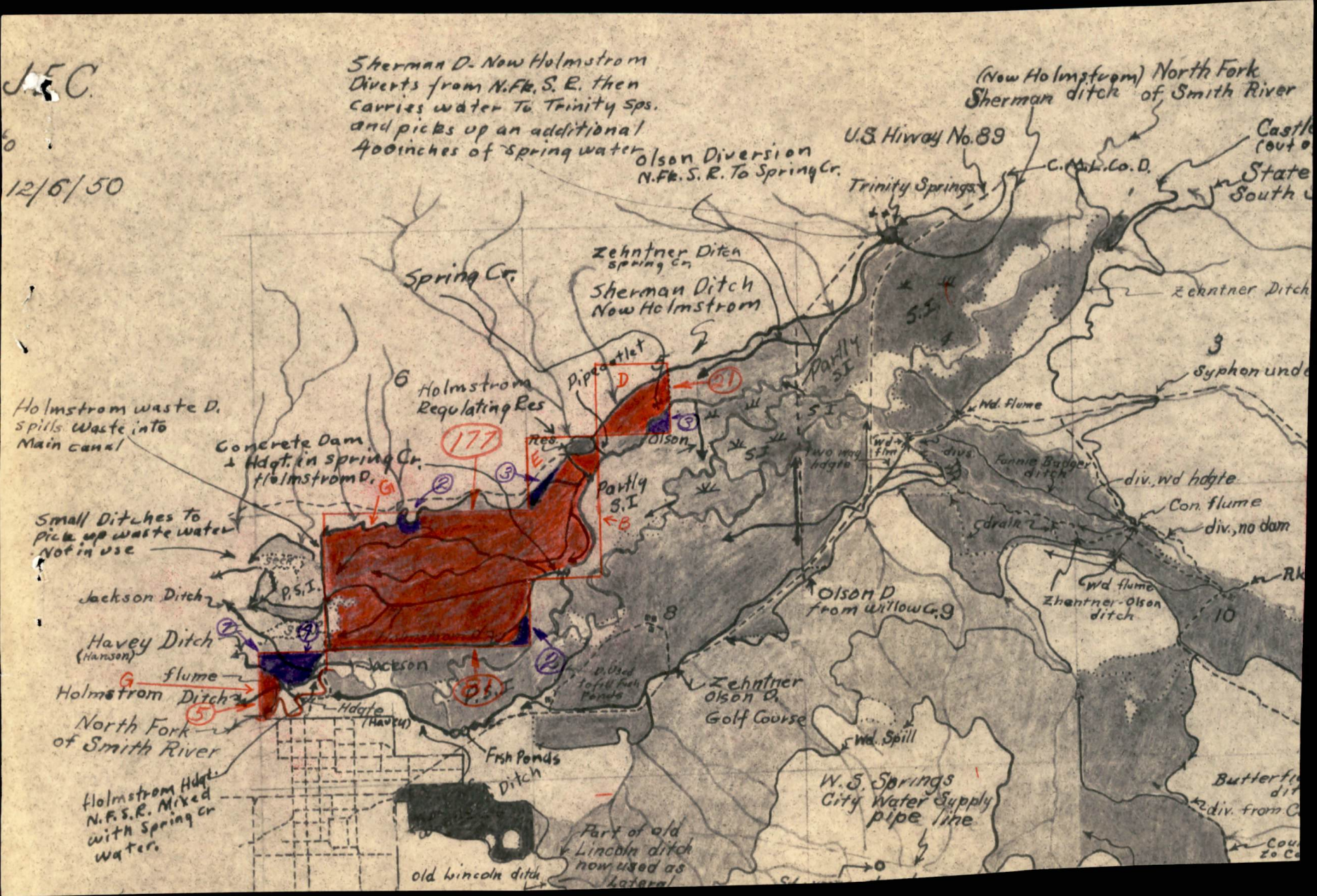
Township 9N Range 7E County Meagher



Township 9N Range 7E

J.E.C.

12/6/50


Sherman D. Now Holmstrom
Diverts from N.Fk. S.R. then
carries water To Trinity Sps.
and picks up an additional
400 inches of spring water
Olson Diversion
N.Fk. S.R. To Spring Cr.
U.S. Hiway No. 89
(Now Holmstrom) North Fork
Sherman ditch of Smith River
C.M.L.Co.D.
Trinity Springs
Castle
State
South
Zehntner Ditch
Spring Cr.
Zehntner Ditch
Spring Cr.
Sherman Ditch
Now Holmstrom
Zehntner Ditch
3
Syphon unde
Holmstrom Regulating Res
Pipe outlet
D
Partly S.I.
S.I.
Wd. flume
Holmstrom waste D.
spills waste into
Main canal
Concrete Dam
& Hdgt. in spring Cr.
to Holmstrom D.
177
Res.
Olson
Two way hdgte
Wd. flm
div.
Fannie Badger ditch
div. wd hdgte
Con. flume
div., no dam
Small Ditches to
pick up waste water
Not in use
Partly S.I.
drain
Jackson Ditch
P.S.I.
Olson D
from Willow Cr.
Wd flume
Zehntner-Olson ditch
10
Havey Ditch
(Hanson)
Jackson
flume
Holmstrom Ditch
Hdgte
(Hansen)
D. Used to fill fish ponds
Zehntner
Olson D.
Golf Course
North Fork
of Smith River
Fish Ponds
Ditch
Wd. Spill
W.S. Springs
City Water Supply
pipe line
Holmstrom Hdgt.
N.F.S.R. Mixed
with Spring cr
water.
Part of old
Lincoln ditch
now used as
lateral
old Lincoln ditch

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. 5D System SHERMAN DITCH Source of Water N. FK. SMITH RIVER SPRING CREEK + TRINITY SPRINGS +
Basin N. FK. SMITH RIVER Present 21 Potential 0 Maximum 21 R ✓ F__ P__ G ✓ S__

Code No. 5D System OLSEN DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 3 Maximum 3 R ✓ F__ P__ G ✓ S__

Code No. 5E, 7G, 8B System AXEL HOLMSTROM DITCHES Source of Water N. FK. SMITH RIVER SPRING Creek + TRINITY SPRINGS +
Basin N. FK. SMITH RIVER Present 182 Potential 9 Maximum 191 R ✓ F__ P__ G ✓ S__

Code No. 7G System R. HANSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 0 Maximum 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 system____

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

Information from ____ Date____

Code No. 7G System JACKSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 7 Maximum 0 R ✓ F__ P__ G ✓ S__

Code No. 7G System Holmstrom DITCH Source of Water SPRING CR.
Basin N. FK. SMITH RIVER Present 81 Potential 2 Maximum 83 R ✓ F__ P__ G ✓ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

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

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

Information from ____ Date____

(44)

Farm Checked

By O + B

Area N.FK Smith River

Date July 5-1950

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7 C

County Meagher Co

T. 9 N R. 7 E Sec. 7

Photo No. MA-14A-161

Legal Land Owner Clara L. + Otto A. Ludwig Address White Sulphur Spr.

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private 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 North Fork Smith River

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System

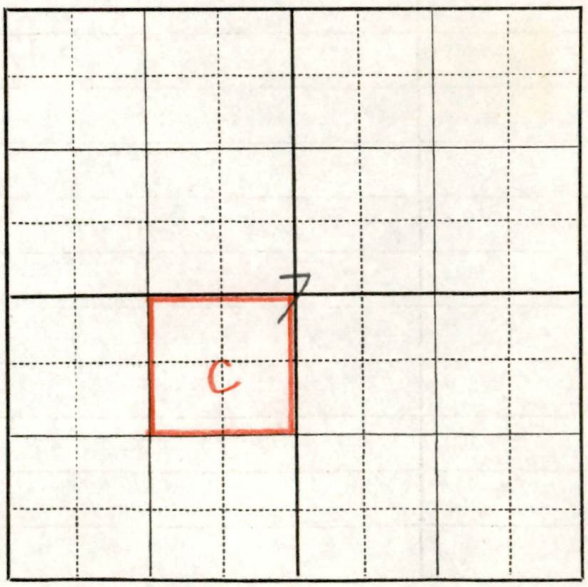
Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks



J.E.C.

to

12/6/50

Sherman D. Now Holmstrom
Diverts from N.Fk. S.R. then
Carries water To Trinity Sps.
and picks up an additional
400 inches of spring water
Olson Diversion
N.Fk. S.R. To Spring Cr.
Spring Cr.
Zehntner Diten
Spring Cr.
Sherman Ditch
Now Holmstrom
Pipe outlet
Partly S.I
Holmstrom
Regulating Res
Res.
Olson
S.I
Partly S.I
Holmstrom waste D.
spills waste into
Main canal
Concrete Dam
& Hdgt. in spring Cr.
t/Holmstrom D.
Small Ditches To
pick up waste water
Not in use
Jackson Ditch
P.S.I.
Seep
Olson D
from W
Havey Ditch
(Hanson)
Holmstrom d
flume
Holmstrom Ditch
Olson
P.S.I
D. Used To fill Fish Ponds
Zehntner
Olson D.
Golf Course
Hdgate
(Hawk)
North Fork
of Smith River
Fish Ponds
Ditch
Holmstrom Hdgt.
N.F.S.R. Mixed
with Spring cr
water.
W.S.
City
Part of old
Lincoln ditch
now used as
lateral
old Lincoln ditch

Form WR-B
Reporter 20168 2M 12-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Twp._____ Rge._____
Twp._____ Rge._____
Twp._____ Rge._____

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. 7C System Holmstrom Ditch Source of Water SPRING CR.
Basin N. FK. SMITH RIVER Present 0 Potential 7 Maximum 7 R ✓ F__ P__ G ✓ S__

Code No. 7C System WOODSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 7 Maximum 7 R ✓ F__ P__ G ✓ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

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

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

Information from ____ Date____

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Catlin Springs

Date 10/3/50

Code No. 30A-31A

County Meagher

T. 9N R. 7E Sec. 30, 29, 31, 32, 33

Photo No. MA-39-199

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 South Side Canal (buys 600 AF Pres. Pot.

Irrigation District Pres. Pot.

Private System Manger Ditches and reservoir Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓ Regular

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No. D-172

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 Willow Creek

Acres Irrigated 1950,

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply..... Yes ✓ No

Explain

Topography

Information From Field Survey

Remarks Buys 400 A.F.

For other file numbers see Master Form #32

#44

Willow Creek:

Trace of old ditch in the SW¼, sec. 33
Also faint trace of 2 ditches out of
the SE¼, Sec. 32.

Large earth filled dam of reservoir
with screw type headgate.
Located in the SW¼, Sec. 32
Extends into Sec. 31 - irrigates some land
in Sec. 31
Then extends into Sec. 5 - T. 8N - 7E
(See form #52 for irrigation in Sec. 5.

Manger is on the end of South Side Canal
in Sec. 30 (buys 600 ac. ft.)
" 400 A.F. stored water

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

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 9 North Range 7 East County Meagher

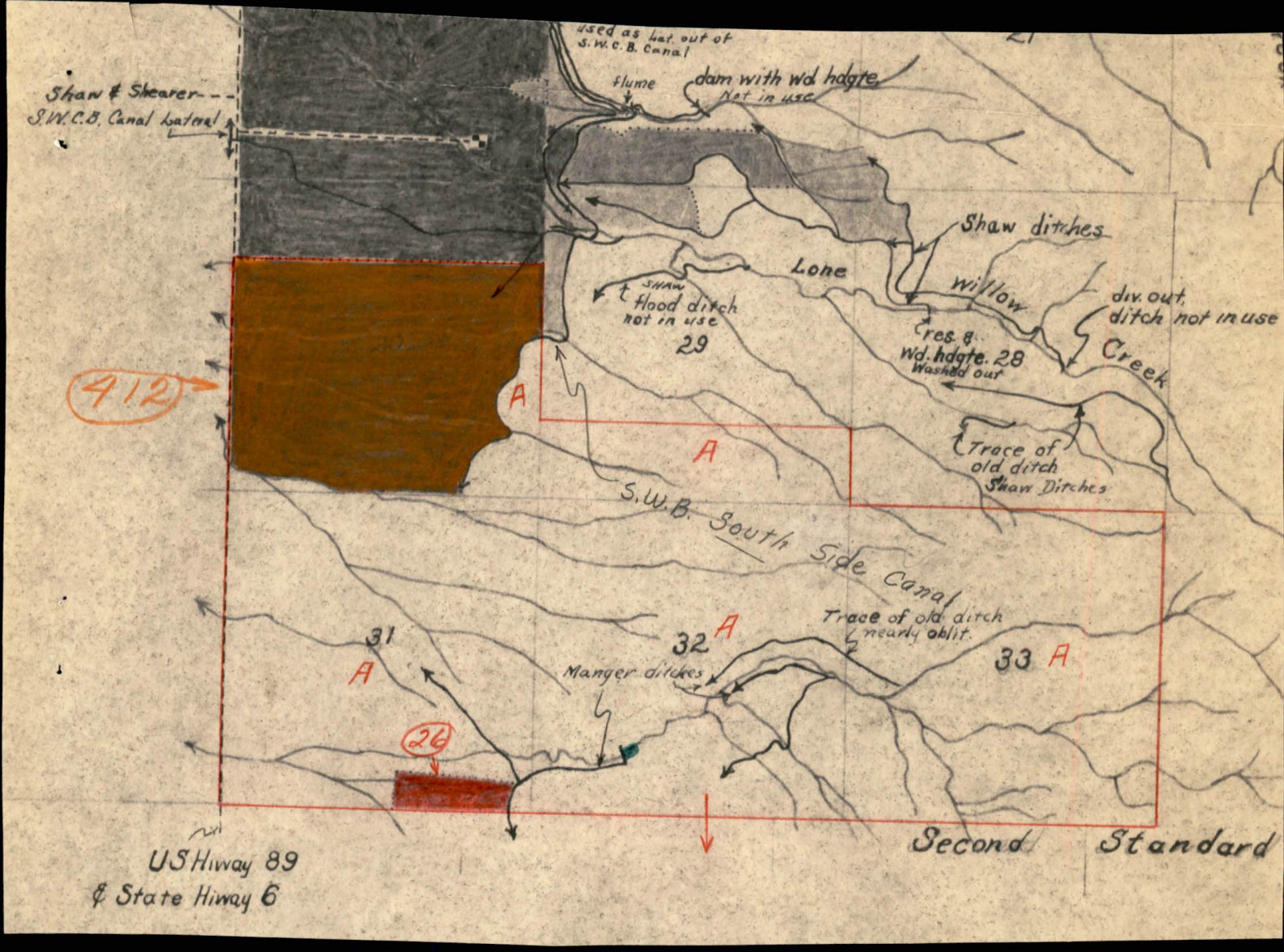
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30 A	29 A	28	27	26	25
31 A	32 A	33 A	34	35	36

Manger, Russell

Township _____ Range _____

Township 9 North Range 7 East County Meagher

Parcel Number	Name of Owner	Address
	Manger, Russell	White Sulphur
D-172	White Sulphur Springs / Willow Creek	Summer '98 10


used as lat. out of S.W.C.B. Canal
flume
dam with wd. hdgte. Not in use
Shaw & Shearer
S.W.C.B. Canal Lateral
Shaw ditches
Lone
willow
Creek
div. out, ditch not in use
Shaw flood ditch not in use
29
res. & wd. hdgte. 28 Washed out
412
A
A
Trace of old ditch Shaw Ditches
S.W.B. South Side Canal
Trace of old ditch nearly oblit.
31
A
32
A
33
A
Manger ditches
26
Second
Standard
US Hiway 89
& State Hiway 6

Form WR-B
Reporter 20168 2M 12-49

Twp. 9N Rge. 7E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 30A-31A

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 #51 #43 #52 #22 #23 #32 #33 #66 #73
Now A. Doig

Code No. 30A System SHAW-SHEARER DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 0 Maximum 0 R ✓ F ___ P ___ G ✓ S ✓

Code No. 30A System SOUTH SIDE CANAL Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 412 Potential 0 Maximum 412 R ✓ F ___ P ___ G ✓ S ✓

Code No. 31A, 32A, 33A System MANGER DITCHES Source of Water Unnamed Coulee Tributary S. F. SMITH RIVER
Basin S. FK. SMITH RIVER Present 2.6 Potential 0 Maximum 2.6 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 R. H. Stahl Date Feb. 16, 1951

(44)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Oravetz-Bille

Code No. 5B, 7E, 8A

Area W. Sul Sprgs.

County Meagher

T. 9N R. 7E Sec. 5, 7, 8

Date 6-9-50

Photo No. MA-39-197

Legal Land Owner Olson, Inga Address W. Sul. Springs

Operator Olson, Clifford Address W. Sul Springs

Water is delivered by: (also has dry land in T10N R9E

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private (See over) 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 N. Fork Smith River (Stored water-Reservoir) — Willow Cr.

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System Good

Adequate Supply Yes ✓ No ✓

Explain Yes, with stored water

Topography River bottom

Information From Clifford Olson

Remarks Olson buys 200 Acre feet from Smith River Water Users Assc.

See attached map

Book T pp 253 Locations

App No.	Name of App	Stream	Date of Priority	M.I.
2002	Zehntner Bros.	Spring Cr.	4-15-84	200
2283	Butterfield, Seth	Willow Cr.	9-2-79	1000
D-171	Butterfield, Seth	" "	9-7-79	120

North Fork Smith River to Spring Creek diversion

Olson ditch - not in use

Point of diversion - NW¼SE¼, Sec. 4, T9N-R7E on north bank of North Fork Smith River. The ditch traverses 300 yds and spills into Spring Creek. From this point it was intended to carry water into Spring Creek to a point in Sec 5 T9N-R7E where another diversion is made to irrigate land in Sec. 5 and 8, T9N-R7E.

N. Fk.

Willow Creek

Olson ditch

Point of diversion - NW¼NW¼, Sec 10, T9N-R7E on south bank of creek. From this point water is taken approximately ¾ mile to a point in SE¼SW¼ (Sec. 9) at which there is a two way dividing box where said ditch enters Olson-Zehntner ditch which carries water from the N. Fk. of Smith River. By use of this box either N. Fk. water or Willow Cr. water maybe diverted into the Olson-Zehntner ditch which is the system that irrigates the Olson land in Sec 8, T9N-R7E. From the dividing box the ditch traverses in a South westerly direction to a point in SW¼ (Sec. 8) whence it divides with both prongs extending westward about ½ mile.

The Olson-Zehntner ditch point of diversion is SW¼ SW¼, Sec 34-T10N-R7E on South bank of North Fork of Smith River.

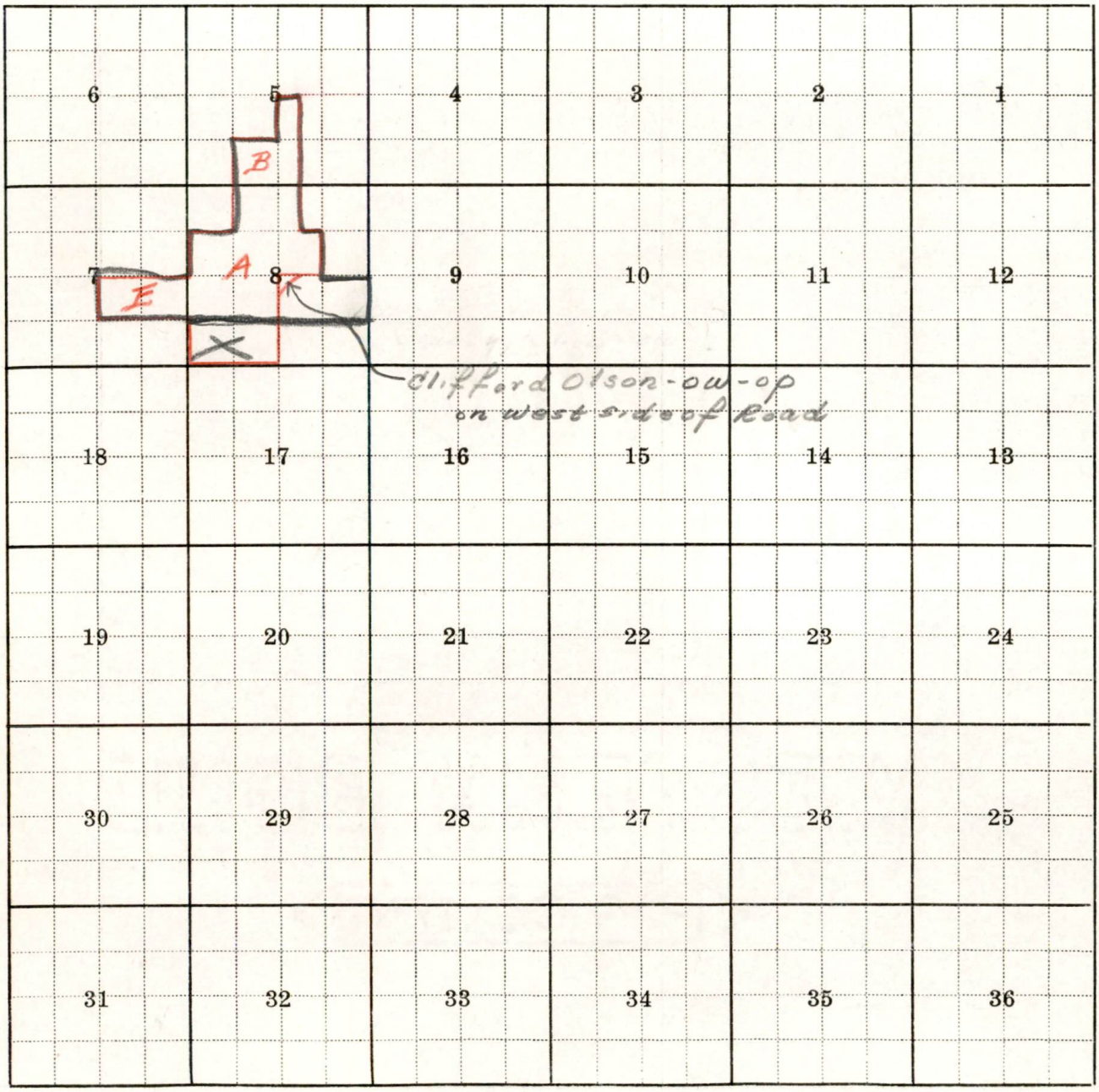
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

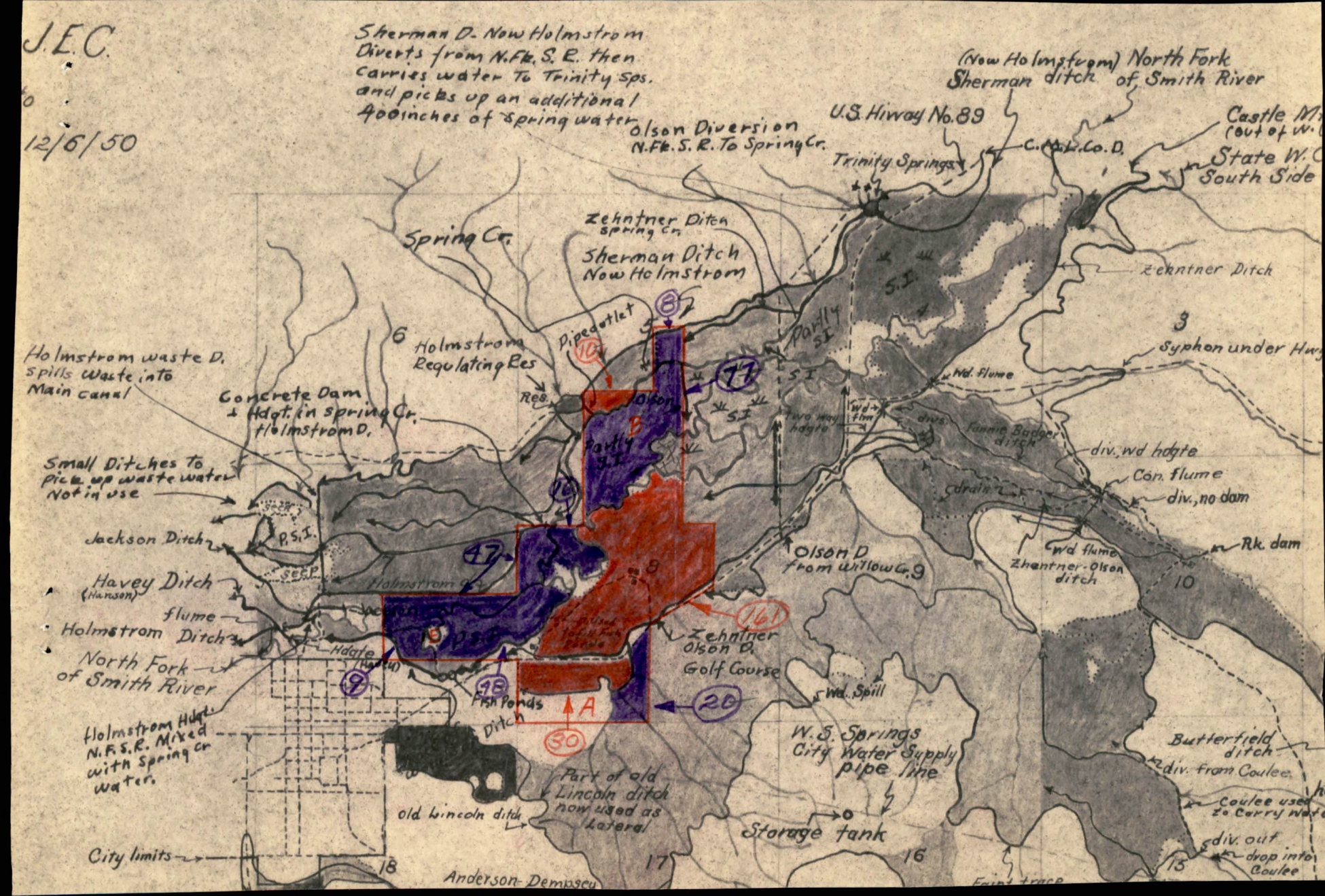
Township 9N Range 7E County Meagher



Township 9N Range 7E

J.E.C.

12/6/50


Sherman D. Now Holmstrom
Diverts from N.Fk. S. R. then
carries water To Trinity Sps.
and picks up an additional
400 inches of Spring water
Olson Diversion
N.Fk. S. R. To Spring Cr.
(Now Holmstrom) North Fork
Sherman ditch of Smith River
U.S. Hiway No. 89
Trinity Springs
C.M.&L.Co. D.
Castle M
State W.
South Side
Spring Cr.
Zehntner Ditch
Spring Cr.
Sherman Ditch
Now Holmstrom
Zehntner Ditch
Holmstrom waste D.
spills waste into
Main canal
Concrete Dam
& Hdgt. in Spring Cr.
t Holmstrom D.
Holmstrom
Regulating Res
Pipe outlet
Res.
Olson
Partly S.I.
S.I.
Wd. flume
Two way hdgte
Wd + flm
divs
Fannie Badger ditch
Syphon under Hwy
div. wd hdgte
Con. flume
div., no dam
Small Ditches to
pick up waste water
Not in use
Jackson Ditch
P.S.I.
Seep
Havey Ditch
(Hanson)
flume
Holmstrom Ditch
North Fork
of Smith River
Holmstrom
Hdgt.
Olson D
from Willow Cr.
Wd flume
Zehntner-Olson
ditch
Rk. dam
Zehntner
Olson D.
Golf Course
Fish Ponds
Ditch
Wd. Spill
W.S. Springs
City Water Supply
pipe line
Holmstrom Hdgt.
N.F.S.R. Mixed
with Spring cr
water.
Part of old
Lincoln ditch
now used as
Lateral
old Lincoln ditch
Storage tank
Butterfield
ditch
div. from Coulee.
Coulee used
to Carry Water
div. out
drop into
Coulee
City limits
Anderson-Dempsey
Faint trace

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. 5B System SHERMAN (HOLMSTROM) DITCH Source of Water N. FK. SMITH RIVER TRINITY SPRINGS +
Basin N. FK. SMITH RIVER Present 10 Potential 8 Maximum 18 R ✓ F P G ✓ S
Code No. 5B, 8A System OLSON DITCH Source of Water SPRING CREEK
Basin N. FK. SMITH RIVER Present 0 Potential 93 Maximum 93 R F P G ✓ S
Code No. 7E, 8A System HOLMSTROM DITCH Source of Water SPRING CREEK
Basin N. FK. SMITH RIVER Present 0 Potential 17 Maximum 17 R ✓ F P G ✓ S
Code No. 7E System WOODSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 9 Maximum 9 R ✓ F P G ✓ S

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

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

Information from ..... Date.....

Code No. 7E, 8A System PRIVATE DITCH (To Fill fish ponds) Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 48 Maximum 48 R ✓ F P G ✓ S ✓
Code No. 8A System ZHENTNER DITCH Source of Water WILLOW CREEK
Basin N. FK. SMITH RIVER Present 0 Potential 0 Maximum 0 R F P G S
Code No. 8A System ZHENTNER-OLSON DITCH Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 191 Potential 0 Maximum 191 R ✓ F P G ✓ S
Code No. 8A System SOUTH SIDE CANAL Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 20 Maximum 20 R ✓ F P G ✓ S ✓

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

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

Information from ..... Date.....

(44)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

By Oravetz-Bille

Area Wh. Sul. Sprgs

Date 7/7/50

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 18B

County Meagher

T. 9N R. 7E Sec. 18

Photo No. MA-147-161

Legal Land Owner Rader, Lester E. Address

Operator Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

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)

See other side

No Irrigation

Source of Water

Acres Irrigated 19____,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

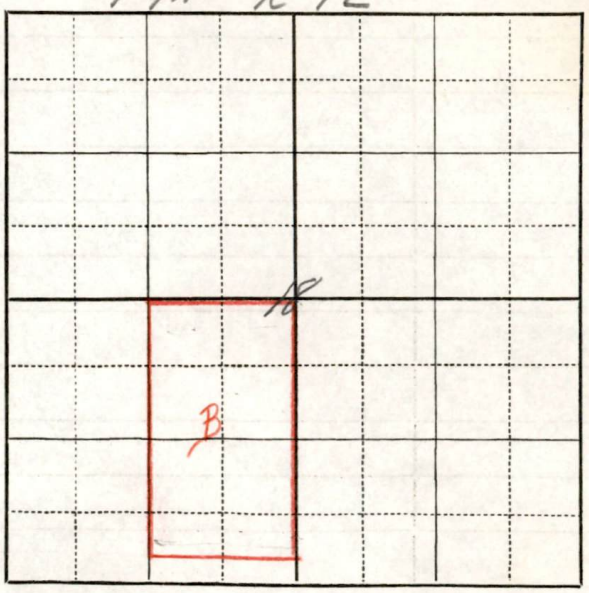
Explain

Topography

Information From

Remarks

T9N - R7E



No. Irrigation - Some potential
Land under Anderson ditches

City limits
18
11
B
Wd. drop
Anderson-Dempsey Lateral
17
16
Lincoln ditch now used to water stock
Faint trace of old ditch
div.
Spring
Pyle Spring
Anderson Ditch
19
Shaw ditch
Very faint trace of old ditch, flood
21
Shaw ditch now used as hat out of S.W.C.B. Canal
20
flume
dam with wd hdgte. not in use
Shaw & Shearer S.W.C.B. Canal Lateral
Shaw ditches
Lone
Willow
Creek
div. out, ditch no
Shaw flood ditch not in use
29
res. & Wd. hdgte. 28 Washed out
Trace of old ditch Shaw Ditches
SOUTH SIDE CANAL (S.W.B.)
Trace of old ditch nearly oblit.
31
32
33
Manger ditches

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. 18 B System ANDERSON-DEMPSEY D. (South Side Canal water) (BWCB) Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 11 Maximum 11 R ✓ F ..... P ..... G ✓ S ✓

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

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

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

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

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

Information from ..... Date.....

(44)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 18E

By Oravetz & Billa

County Meagher

Area White Sul Spgs.

T. 9N R. 7E Sec. 18

Date July 5, 1950

Photo No. MA-14A-161

Legal Land Owner Reinhardt, Fred Address

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System (See other side) Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Anna J. Lincoln (Willow Cr) App. No. 2292

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 N. Fork Smith River

Acres Irrigated 1950, 55

Potential Acres Seeped None

Explain

Condition of System Good

Adequate Supply Yes ✓ No

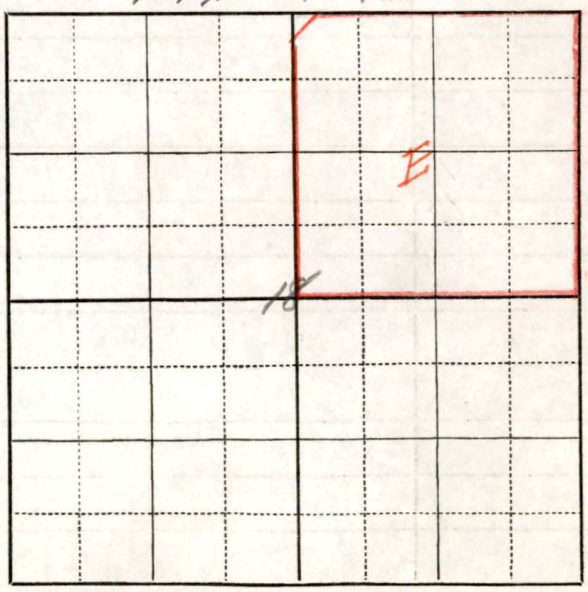
Explain With Stored water

Topography Hills

Information From Fred Reinhardt

Remarks 100 A.F. from Smith River Water user Assn.

T9N - R7E



Buys water from Smith River
Water Users Assn. in amount of
100 A.F. Belongs to South Side
Canal water users assn.
Ditch that Reinhart is now using
to divert water from the Water Board
Canal originally extended on to
Willow Creek and was owned
by the A. Lincoln water right.
Reinhart Cleaned out the ditch so
as to make it unusable to divert
water from the W. B. Canal. He
Plans to clean out the old A. Lincoln
ditch and use water from Willow
Creek to cover land on the bench
which is potential in the amount
of about 80 acres.
The old A. Lincoln ditch at one time
was used in White Sulphur Springs
to irrigate gardens and lawns
The 80 acres above mentioned have never been
irrigated from the Lincoln ditch and it would
be necessary to install a long syphon to get water
to the top of the bench included in the 80 acres

005 | 1881 - | Lincoln A. Water Right | 2292

Form WR-B
Reporter 20168 2M 12-4

Twp._____ Rge._____
Twp._____ Rge._____
Twp._____ Rge._____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

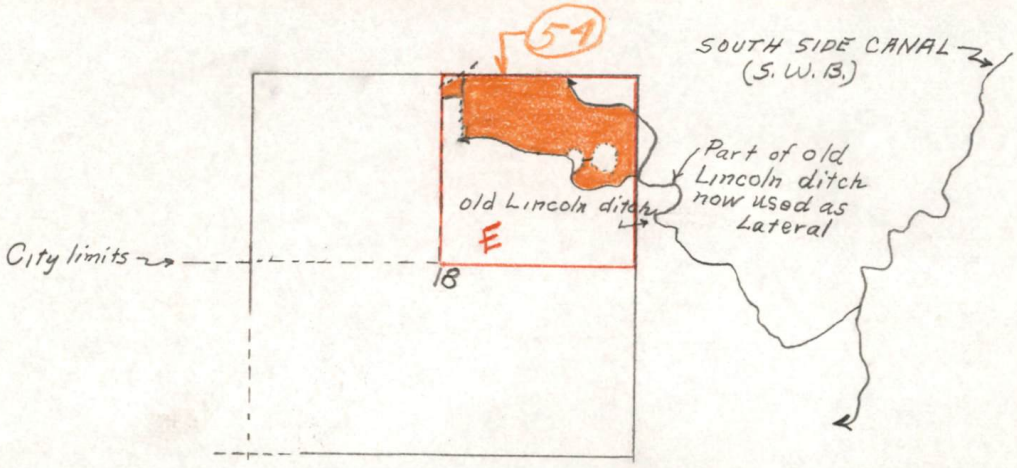
FARM MAP

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. 18E System South Side Canal (old Lincoln Ditch) Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 54 Potential 0 Maximum 54 R ✓ F___ P___ G ✓ S ✓

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R___ F___ P___ G___ S___

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R___ F___ P___ G___ S___

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R___ F___ P___ G___ S___

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

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

Information from ____ Date____

#14

FORM F-1 REPORTER 1M 3-49 17380

Farm Checked

By J. E. C.

Area Willow Cr.

Date Oct 13, 1949

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 4C, 9B, 10A, 14A, 15B, 22B, 23A, 27A.

County Meagher

T. 9N R. 7E Sec. 4, 9, 10, 14, 15, 22, 23, 27

Photo No. MA-39-198, MA-39-87

Legal Land Owner Arcelia Smith Address W. S. Springs

9A, 15A, 16A op. by Smith & Bing

Operator Geo. Bing Address W.S. Springs

State

Castle Mt. L. Co.

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System ✓ _____ Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Fannie Badger; N.B. Smith; George E. Hailey and Geo. Wallwork App. No. 2278; 2300; 547; 2301
William Stewart, John A. Woodson (decree 10/-1187) 200 M.I. (D-157) Smith R. decre

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 Willow Creek & Smith River

Acres Irrigated 1949, about 300

Potential Acres _____ Seeped about 10 Ac.

Explain drains are in use now

Condition of System Fair, needs some repairs.

Adequate Supply..... Yes ✓ No ✓

Explain Stored Water available, has had plenty since Butherlin res has been in

Topography Creek bottom & Valley Slopes

Information From George Bing

Remarks Buys 200AF from S.R.W.U.A.

has R. of Way agreement to use Canal

owns right in Decree for 200 M I (Willow Creek - John Woodson)

see D-157

See Attached Map

Fred Rhinehart uses lower end of Lincoln ditch as a lateral from the W. B. Canal. Lincoln d. goes to sec. 17, 8 & 18

(1) The N. B. Smith ditch, diverted from Willow Cr. in NW¼ sec. 23 drops water into Coulee in SE¼ sec 15. Water is div. from Coulee by ditches running on each side to irr. land in NW¼ sec 15 & SW¼ sec 10. The divs. from Coulee near center of sec. 15. are no longer in use

(2) Div. from Willow Cr. near south line of section 14 was made by Arcelia Smith to prove on des. claim. Geo. Bing made small ditch diverting from Coulee near the center of sec 14

(3) Ditch diverting from Willow Creek (West bank) in NW¼ sec 14 irrigates land in sec 14 & sec. 10. Bing says this ditch was built by Butterfield

(4) Ditch Diverting from W. bank Willow Creek near center sec 10 irr. land in sec 10, 9, and 4.

(5) Fannie Badger Ditch diverts on W. bank Willow Creek irr. Creek bottom in secs. 3, 4, 9, & 10.

(6) S.W.C.B. South Side Canal is not used by Smith Ranch N.B. Smith was nephew of Smith bros. at Martinsdale

(7) Old Lincoln ditch is used only to water stock from spring in sec 16.

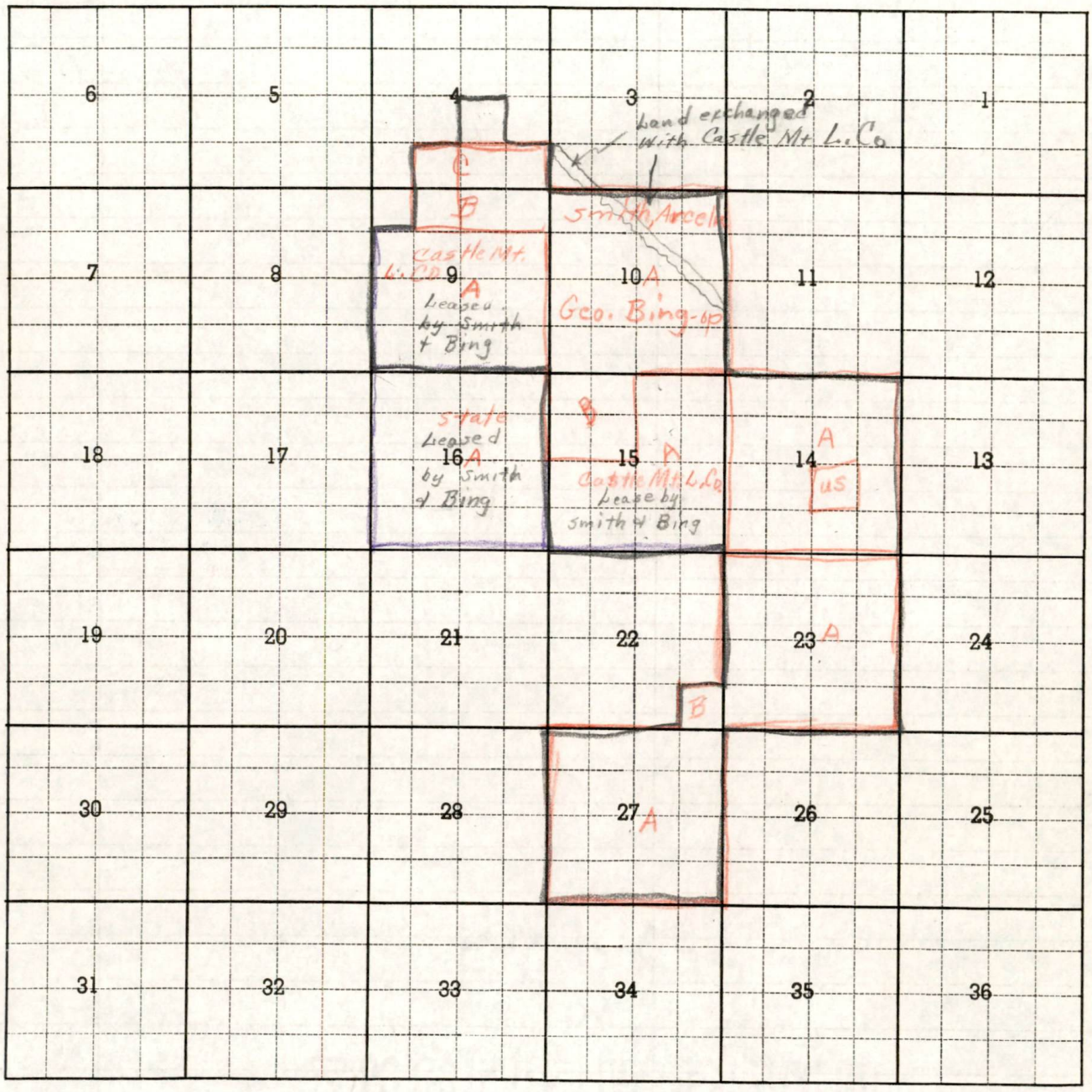
FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 9 N 1' Range 10 E County



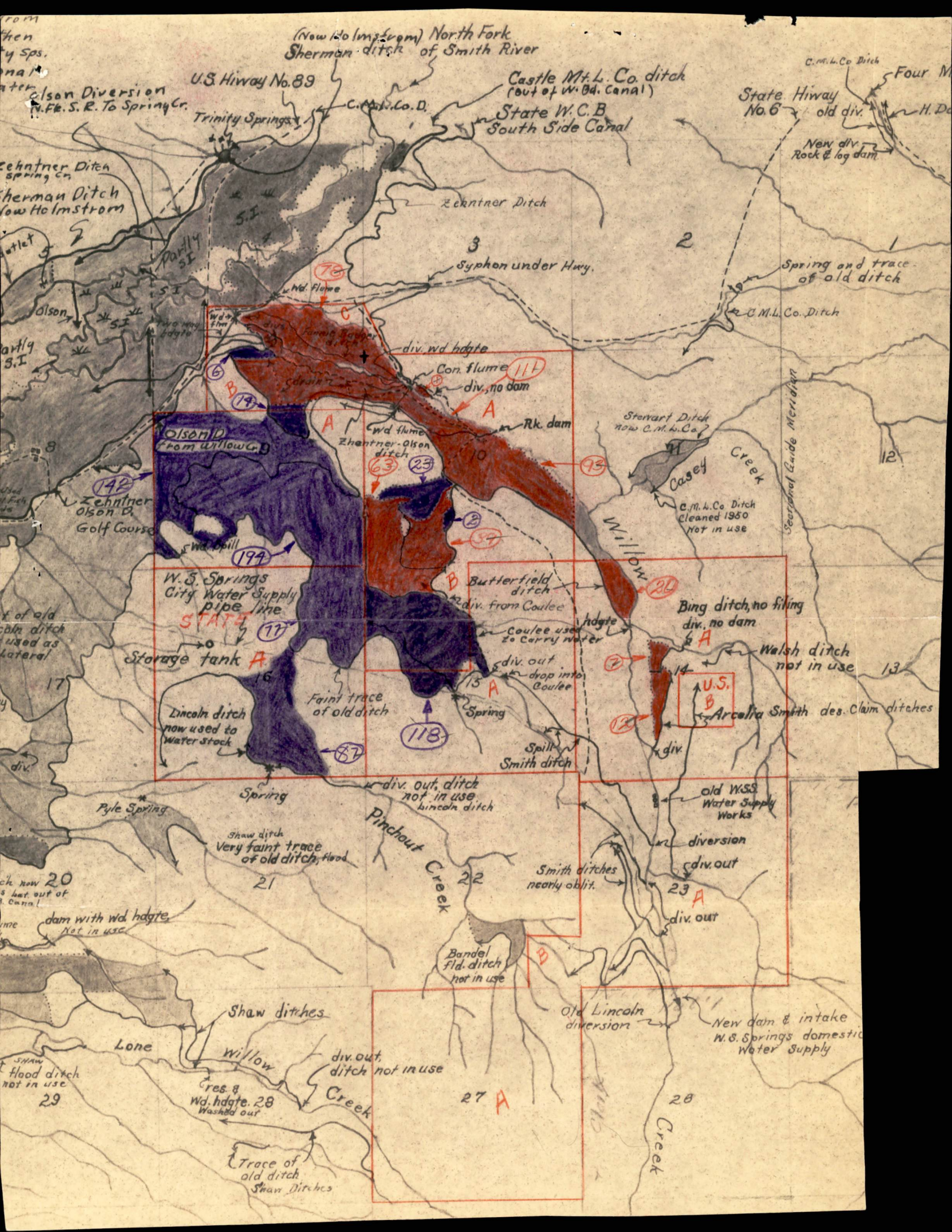
Arcelia Smith - ow

Geo. Bing - Op

Township 9N Range 10E

Township_____ Range_____ County_____

Parcel Number	Name of Owner	Address	
2298	Badger, Fannie N.	Willow Creek 4-1-98	50
2300	Smith, N.B.	" " 5-13-02	320
2301	Stewart, William	" " 11-16-97	160
547	Hailey, Geo. E. + Hallwork, Geo.	Condor Cr. 3-26-93	150
D-101	Teague, Edward R.	Mule Cr. 7-15-87	20
D-173	Hookson, Jno. A.	Willow Creek ~~[illegible]~~-1878	S.C.F.S.


(Now Holmstrom) North Fork
Sherman ditch of Smith River
U.S. Hiway No. 89
Castle Mt. L. Co. ditch
(out of W. Bd. Canal)
State W.C.B
South Side Canal
C.M.L.Co.D.
Trinity Springs
Olson Diversion
N.Fk. S.R. To Spring Cr.
Zehntner Ditch
Spring Cr.
Sherman Ditch
Now Holmstrom
Zehntner Ditch
Partly S.I.
S.I.
Olson
Partly S.I.
Syphon under Hwy.
Wd. flume
Wd. flume
Two way hdgte
Flume Bypass ditch
div. wd hdgte
Con. flume
div., no dam
Rk. dam
Wd. flume
Zehntner-Olson ditch
Olson D.
From Willow C.D.
Zehntner Olson D.
Golf Course
Wd. Spill
W.S. Springs
City Water Supply
pipe line
STATE
Storage tank
Lincoln ditch
now used to
water stock
Faint trace
of old ditch
Spring
Butterfield
ditch
div. from Coulee
Coulee used
to carry water
div. out
drop into
Coulee
Spring
Spill
Smith ditch
Bing ditch, no filing
div., no dam
Walsh ditch
not in use
U.S.
Arcelia Smith des. Claim ditches
div.
Stewart Ditch
now C.M.L.Co.
Casey
Creek
C.M.L.Co Ditch
Cleaned 1950
Not in use
Willow
Spring and trace
of old ditch
C.M.L.Co. Ditch
C.M.L.Co Ditch
Four M
State Hiway
No. 6
old div.
New div.
Rock & log dam
Sectional Guide Meridian
div. out, ditch
not in use
Lincoln ditch
Pyle Spring
Pinchout
Creek
Shaw ditch
Very faint trace
of old ditch, flood
Smith ditches
nearly oblit.
Old W.S.S.
Water Supply
Works
diversion
div. out
div. out
dam with wd hdgte
Not in use
Bandel
fld. ditch
not in use
Shaw ditches
Lone
Willow
Creek
div. out,
ditch not in use
Shaw
flood ditch
not in use
res. 8
Wd. hdgte. 28
Washed out
Trace of
old ditch
Shaw Ditches
Old Lincoln
diversion
New dam & intake
W.S. Springs domestic
Water Supply
Willow
Creek
1
2
3
5
6
7
8
10
12
13
14
15
16
17
20
21
22
23
27
28
29
A
B
C
76
14
111
63
23
93
142
194
2
54
77
87
118
20
7
12

#14

Farm Checked

By J.E.C.

Area W.S. Springs

Date Oct 14, 1949

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 17B, 18D, 19B, 20A, 20B, 21A, 22A, 28A, 28B, 29B, 30B, 34A

County Meagher

T. 9N R. 7. Sec. 28, 29, 30, 34 17, 18, 19, 20, 21, 22

Photo No. MA-39-198 & 199

Legal Land Owner ~~Shaw, Henry~~ Francis Bailey Address 509 N Grand, Bozeman

Operator Clifford Shearer Address W.S. Spring

Water is delivered by:

~~Federal Project~~ State 1300 AF Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

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 Lone Willow Cr. (100 A)

Acres Irrigated 1949, 240 A grain 250 hay + 100 Ac Hay from Willow

Potential Acres Seeped

Explain

Condition of System Good

Adequate Supply..... Yes No ✓

Explain Canal doesn't Carry enough

Topography Smith River Valley

Information From C. R. Shearer

Remarks Canal Finished 2 years

Buys 1000 A.F., Shearer buys 300 AF

See Attached Map

Shearer intends to irr. bottom of L. Willow Cr. up to sheep sheds

ditch out of Res. in Lone Willow Cr. is only ditch used other than State Canal

This ranch was only able to get about 300 A.F. out of total of 1300 A.F. (includes Shaws own ranch) of water bought from Lake Sutherlin

Shearer has decreed right on his own place for 100 M.E.

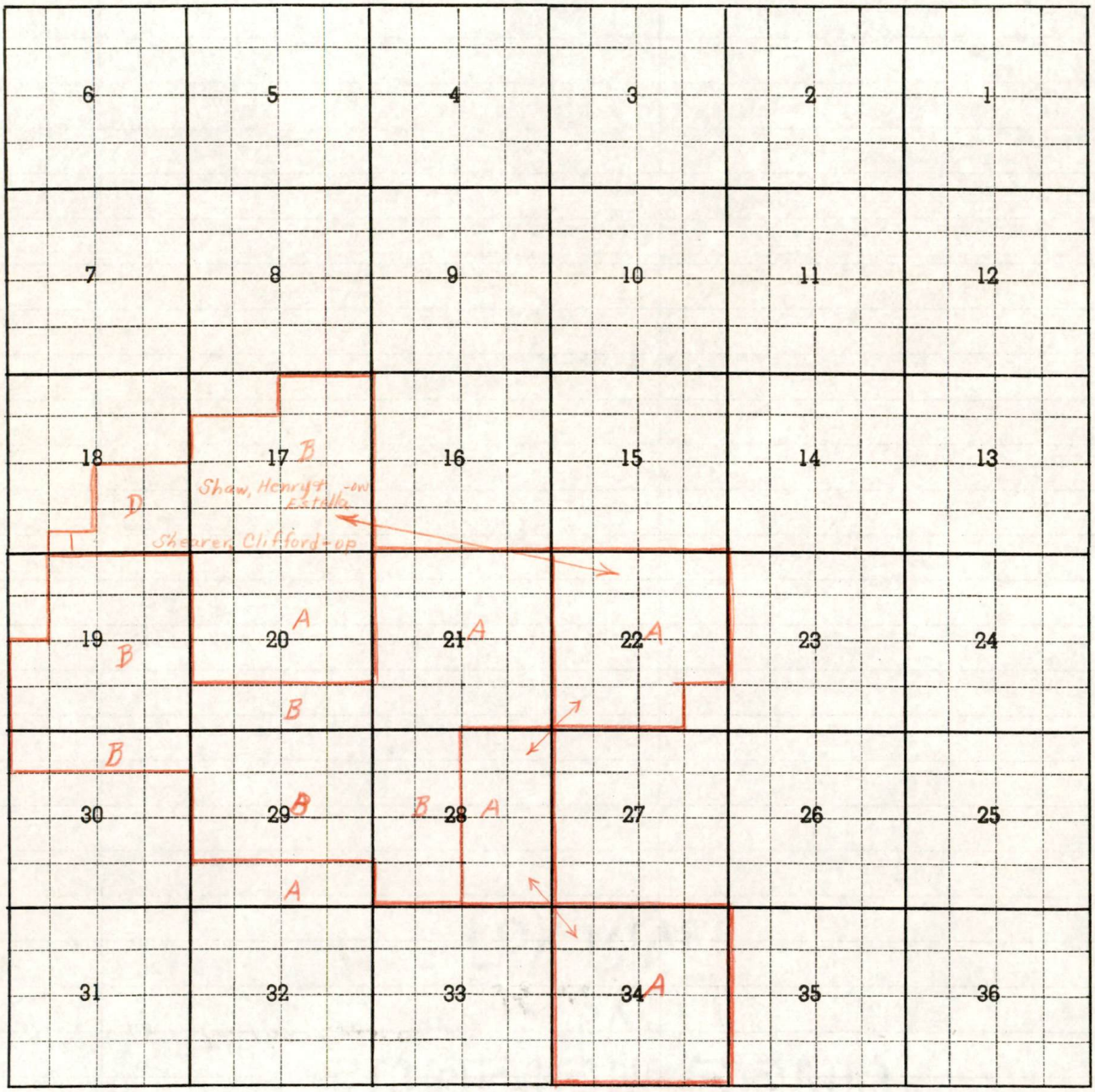
FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township ..... Range ..... County .....



Shaw, Henry & Estella - ow
Shearer, Clifford - op

Township 9 N Range 7 E

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

Farm Checked

By J.E.C.

Area W.S. Springs

Date 1949-1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 8C

County Meagher

T. 9N R. 7E Sec. 8

Photo No. MA-39-198

Legal Land Owner White Sulphur Springs Country Club Address W.S. Springs

Operator Same Address

Water is delivered by:

~~Federal~~ State Project State Water Cons. Board South Side Canal Pres. 0 Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private ~~Seth Butterfield~~ App. No. ~~2285~~

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 of Smith River

Acres Irrigated 1950, 0

Potential Acres Seeped 0

Explain

Condition of System good - no laterals to this land

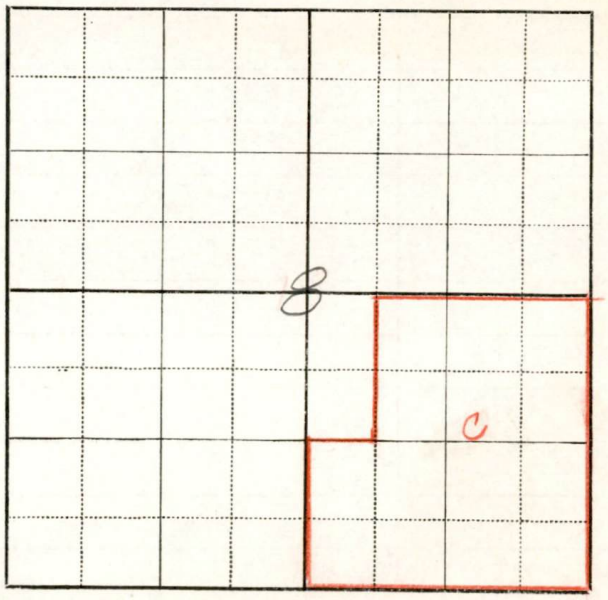
Adequate Supply — Yes ✓ No

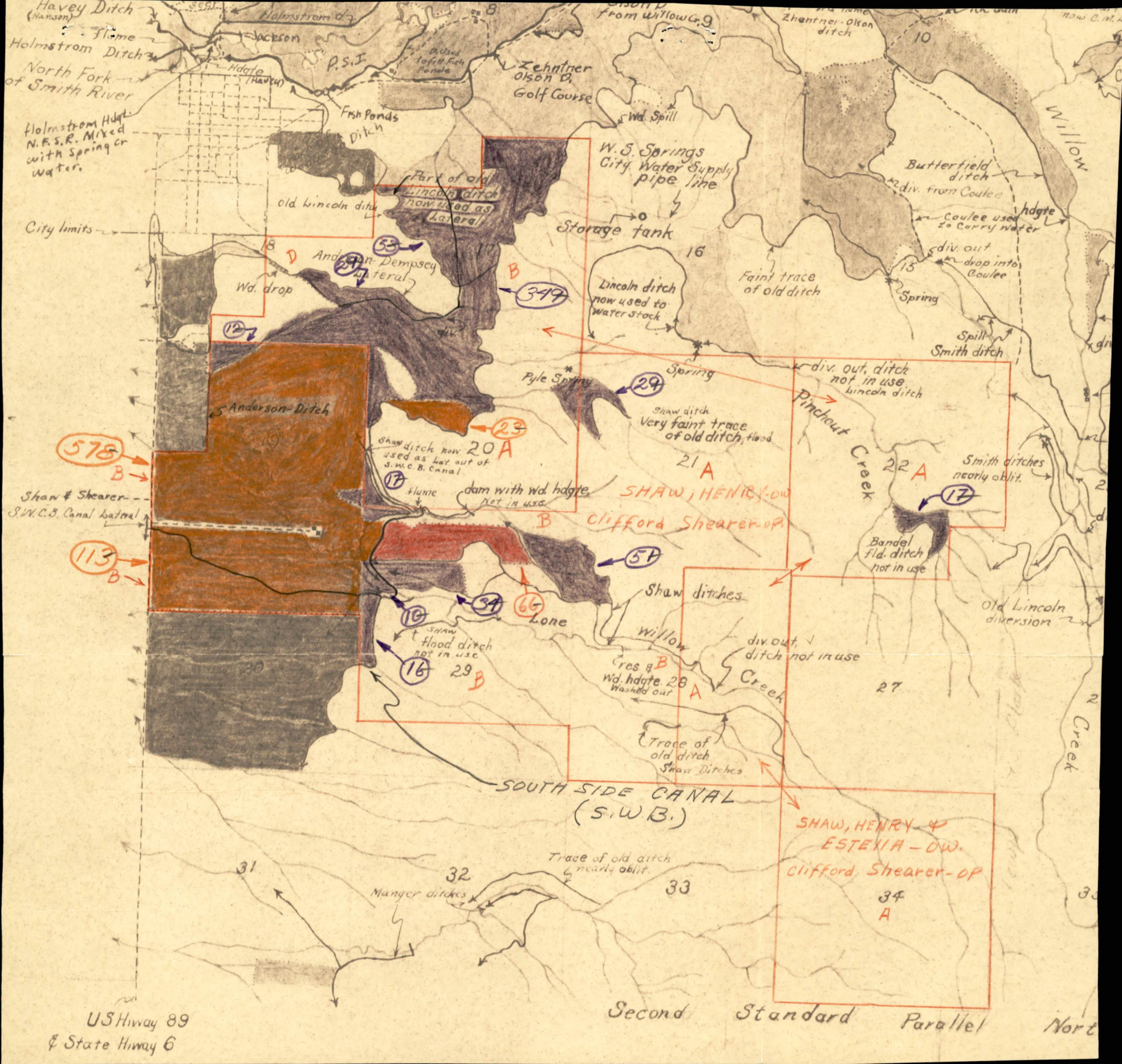
Explain Stored Water

Topography Rolling Slope

Information From Field Survey

Remarks




Havey Ditch (Hanson)
Flume
Holmstrom Ditch
North Fork of Smith River
Holmstrom Hdgt
N.F.S.R. Mixed with Spring cr water.
Holmstrom d.
Jackson
Hdgte (Hanson)
P.S.I.
D. used to fill Fish Ponds
Fish Ponds Ditch
Olson D. from Willow Cr.
Zehntner Olson D.
Golf Course
Zehntner-Olson ditch
Wd. Spill
W.S. Springs City Water Supply pipe line
Storage tank
Butterfield ditch
div. from Coulee
Coulee used to carry water
hdgte
div. out drop into Coulee
Willow
City limits
Part of old Lincoln ditch now used as Lateral
old Lincoln ditch
Anderson-Dempsey Lateral
Wd. drop
div.
Lincoln ditch now used to water stock
Faint trace of old ditch
Spring
Spill
Smith ditch
Pyle Spring
Spring
div. out, ditch not in use
Lincoln ditch
Pinchout Creek
Anderson-Ditch
Shaw ditch
Very faint trace of old ditch, flood
Shaw ditch now used as lat out of S.W.C.B. Canal
flume
dam with wd. hdgte, not in use
SHAW, HENRY-OW
Clifford Shearer-OP
Smith ditches nearly oblit.
Bandel fld. ditch not in use
Shaw & Shearer S.W.C.B. Canal Lateral
Shaw ditches
Lone
Willow
Shaw flood ditch not in use
div. out ditch not in use
Creek
Cres. & Wd. hdgte. Washed out
Trace of old ditch Shaw Ditches
Old Lincoln diversion
SOUTH SIDE CANAL (S.W.B.)
SHAW, HENRY-OW
ESTEVA-OW.
Clifford Shearer-OP
Trace of old ditch nearly oblit.
Manger ditches
Creek
US Hiway 89
& State Hiway 6
Second Standard Parallel
Nort

Form WR-B
Reporter 20168 2M 12-

Twp. 9N Rge. 7E #44
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 17B, 18D, 19B, 20A 20B, 21A, 22A, 28A, 28B 29B, 30B, 34A

Name of Land Owner Henry Shaw Address 509 N. Grand, Bozeman
Name of Operator Clifford Shearer Address White Sulphur Springs
Legal Description

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

North

Code No. 17B, 18D, 19B, 20A, 29B System SOUTH SIDE CANAL Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 23 Potential 365 Maximum 388 R ✓ F P G S ✓
(Anderson-Pempsey Lateral)
Code No. 17B, 18D System S.W.C.B. South Side Canal Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 29 Maximum 29 R ✓ F P G S ✓
(Anderson Ditch)
Code No. 19B System S.W.C.B. South Side Canal Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 12 Maximum 12 R ✓ F P G S ✓
(Old Lincoln Ditch)
Code No. 17B System S.W.C.B. South Side Canal Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 53 Maximum 53 R ✓ F P G S ✓

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

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

Information from Date

Code No. 19B, 20A, 20B, 29B, 30B System SHAW DITCH Source of Water Unnamed Coulee
Basin S. FK. SMITH RIVER Present 0 Potential 0 Maximum 0 R ✓ F P G S ✓
Code No. 20B, 21A, 28A, 28B, 29B System SHAW DITCHES Source of Water LONE WILLOW CR.
Basin S. FK. SMITH RIVER Present 66 Potential 85 Maximum 151 R ✓ F P G S ✓
(Not in use)
Code No. 29B System SHAW FLOOD DITCH Source of Water LONE WILLOW CR.
Basin S. FK. SMITH RIVER Present 0 Potential 0 Maximum 0 R F ✓ P G S ✓
(Shaw-Shearer Lateral)
Code No. 19B, 30B System S.W.C.B. South Side Canal Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 113 Potential 0 Maximum 113 R ✓ F P G S ✓

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

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

Information from Date

Code No. 20A, 21A System TRACE of OLD DITCH Source of Water Unnamed Coulee
Basin S. FK. SMITH RIVER Present 0 Potential 29 Maximum 29 R F ✓ P G ✓ S
Code No. 22A System BANDEL FLOOD DITCH Source of Water PINCHOOT CREEK
Basin N. FK. SMITH RIVER Present 0 Potential 17 Maximum 17 R F ✓ P G ✓ S
(Shaw Ditches)
Code No. 19B, 20A, 20B, 29B, 30B System S.W.C.B. South Side Canal Source of Water N. FK. SMITH River
Basin N. FK. SMITH RIVER Present 578 Potential 27 Maximum 605 R ✓ F P G ✓ S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S

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

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

Information from Date

Form WR-B
Reporter 20168 2M 12

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

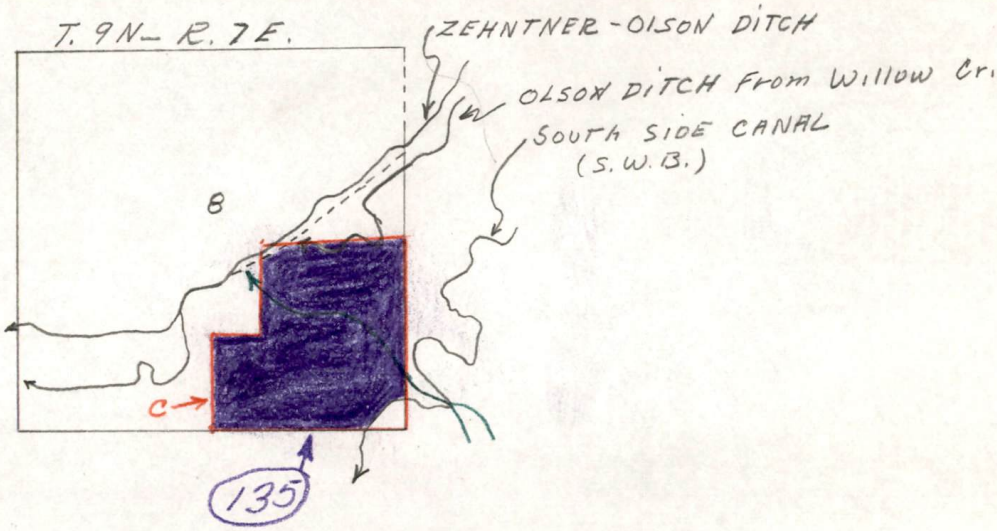
Twp.____ Rge.____
Twp.____ Rge.____
Twp.____ Rge.____

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. 8C System SOUTH SIDE CANAL Source of Water N. FK. SMITH RIVER
Basin N. FK. SMITH RIVER Present 0 Potential 135 Maximum 135 R ✓ F__ P__ G__ S ✓

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

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

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

Information from ____ Date____

(44) T 9 N R 7 E

Farm Checked

By Oravetz + Bille

Area W. S. S.

Date June 8-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 4B-4D-5C-8D-9C (Mary Forkin - owner)

County Meagher

T. 9N R. 7E Sec. 4-5-8-9

Photo No. MA-39-197

Legal Land Owner Reinhart Zehntner Address W. S. Spgs.

Operator also 40 acres owned by Mary Forkin op. by Zehntner Bros. Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir ✓ Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Wm Radar - 2295 - Willow Cr App. No.

Original Appropriator, Private Zehntner Bros - 2002 Spring Cr. (see other side) 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 Willow Cr. N. Fk. Smith R. Spring Cr.

Acres Irrigated 19

Potential Acres Seeped Some

Explain

Condition of System Fair

Adequate Supply Yes ✓ No ✓

Explain yes on Spring Cr.

Topography River Bottom

Information From Reinhart Zehntner

Remarks Zehntner buys 200 A.F. Stored water Mary Forkin buys 40 A.F. Stored Water

See attached Map

— Spring Creek — (see below)

Zehntner ditch diverts from Spring Creek in SW¼NW¼ of Sec. 4 and irrigates land in Sec. 4 and 5 in T9N R7. — Zehntner said he did not know about any water right on Spring creek being filed but has used water on this ranch since his father moved there in 1879. has been in use since.

N. Fk Smith River

Did not know of right but buys 200 A.F. for Smith River ditches.

Zehntner-Olsen ditch diverts in SW¼ of Sec 34 - T10 R7 and irrigates land in Sections 4, 5, 8 & 9 on Zehntner land also in Sec 8, T9 R7E on Olsen land. Some Water from Willow Creek also carried in this ditch when available.

Other ditch from N. Fk. Smith R diverts in ~~Sec~~ the NW¼, SW¼ of Sec 4, irrigates land in Sec 5 on Zehntner land.

Willow Creek

Ditch diverts in NW¼NW¼ of Sec. 10 T9N R7 and irrigates land in Secs 8 & 9. also spills surplus water into Zehntner-Olsen ditch. Had the Wm Lader right out of Willow Creek No. 2295 as of 5/24/83 for 200 M.I.

Spring Creek.

found a filing out of Spring Creek filed by Zehntner Bros. on 4-15-84 for 200 inch. Filed by - Jacob Zehntner & Carl and Reinhart Zehntner

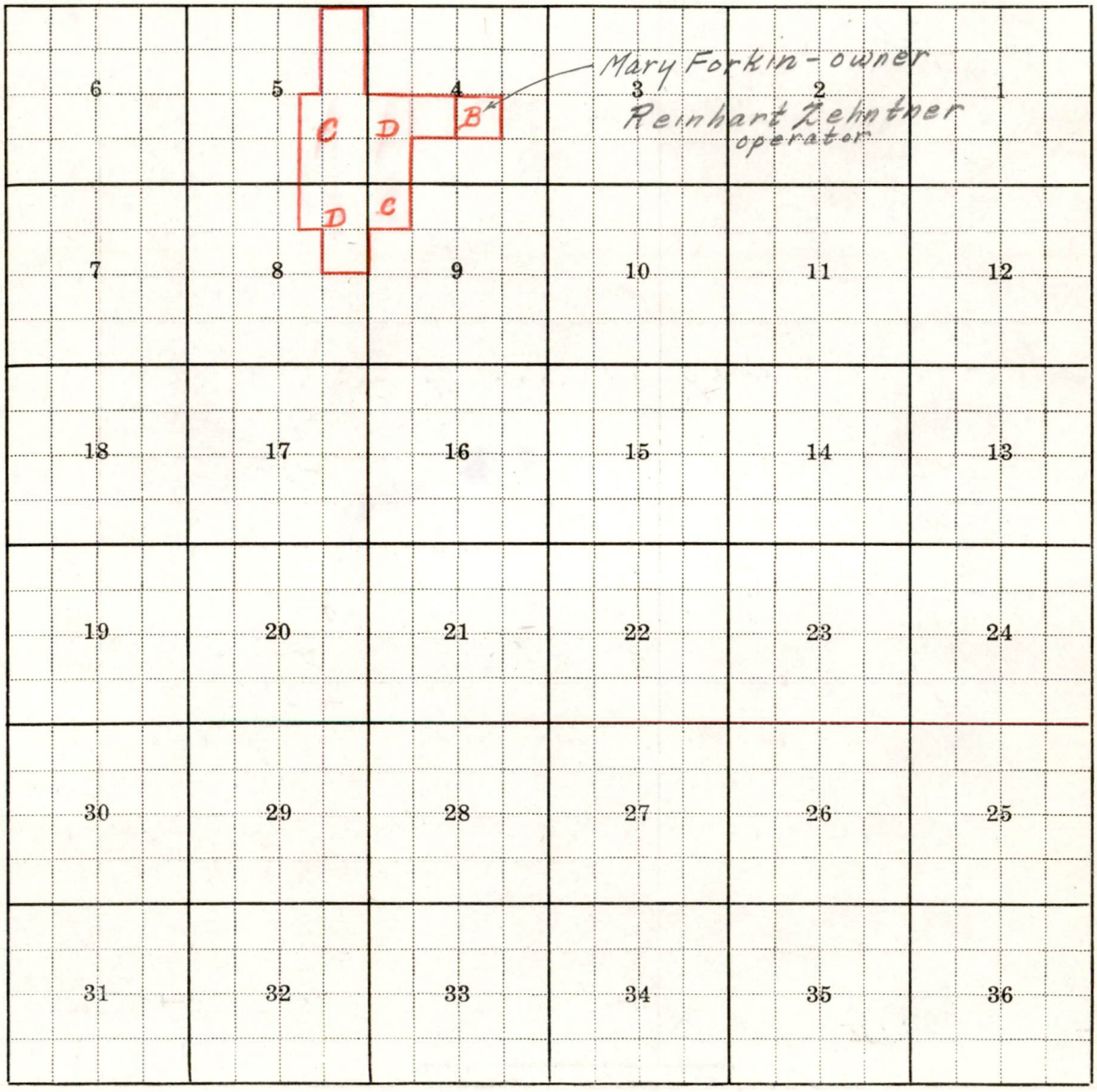
FORM D-1 - GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 9N Range 7E County Meagher



Township 9N Range 7E

Township_____ Range_____ County_____

Parcel Number	Name of Owner		Address	
2295	Rader, William	Willow Creek	5-24-83	200
2002	Zehnder Bros.	Spring Cr.	4-15-84	200

Form WR-B
Reporter 20168 2M 12-

Twp._____ Rge._____
Twp._____ Rge._____
Twp._____ Rge._____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

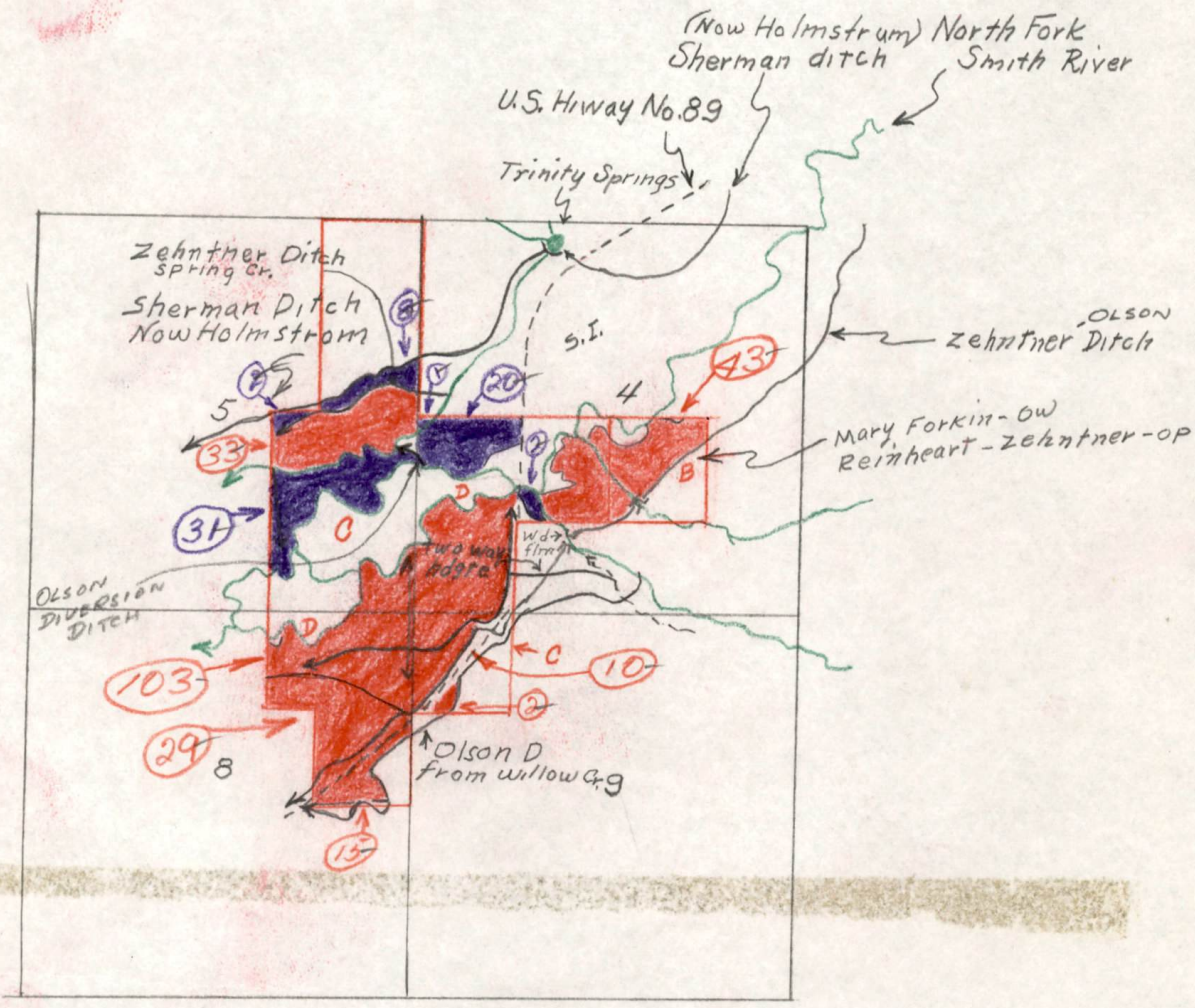
FARM MAP

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. 5C System Sherman Ditch (Now Holmstrom) Source of Water N.Fk. Smith River (Trinity Springs +)
Basin N.Fk. Smith River Present 0 Potential 10 Maximum 10 R ✓ F__ P__ G ✓ S__

Code No. 5C System Zehntner Ditch Source of Water Spring Creek
Basin N.Fk. Smith River Present 33 Potential 1 Maximum 34 R ✓ F__ P__ G ✓ S__

Code No. 4B, 8D, 9C System Zehntner-Olson Ditch Source of Water N.Fk. Smith River
Basin N.Fk. Smith River Present 82 Potential 0 Maximum 82 R ✓ F__ P__ G ✓ S__

Code No. 8D, 9C System Olson Ditch Source of Water Willow Creek
Basin N.Fk. Smith River Present 17 Potential 0 Maximum 17 R ✓ F__ P__ G ✓ S__

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

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

Information from _____ Date_____

Code No. 4D, 5C, 8D, 9C System Zehntner-Ditch Source of Water Willow Cr.
Basin N.Fk. Smith River Present 103 Potential 2 Maximum 105 R ✓ F__ P__ G ✓ S__

Code No. 4D System Sherman Ditch (Now Holmstrom) Source of Water N.Fk. Smith R.
Basin N.Fk. Smith R. Present 0 Potential 20 Maximum 20 R ✓ F__ P__ G ✓ S__

Code No. 5C System Olson Diversion Ditch Source of Water N.Fk. Smith R.
Basin N.Fk. Smith River Present 0 Potential 31 Maximum 31 R ✓ F__ P__ G ✓ S__

Code No._____ System_____ Source of Water_____
Basin_____ Present_____ Potential_____ Maximum_____ R__ F__ P__ G__ S__

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

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

Information from _____ Date_____