

Trace of John A Woodson ditch

Has some potential land under the ditch
Buys 10 acre ft. from the Smith River water
Users Association. (For fish ponds)

The white Sulphur Springs Association bought
the John A. Woodson rights. Right now supposedly
owned by the city of White Sulphur Springs

No.	name	stream	Date	M.T.
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.

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____

Code No. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner..... Address.....

Name of Operator..... Address.....

Legal Description

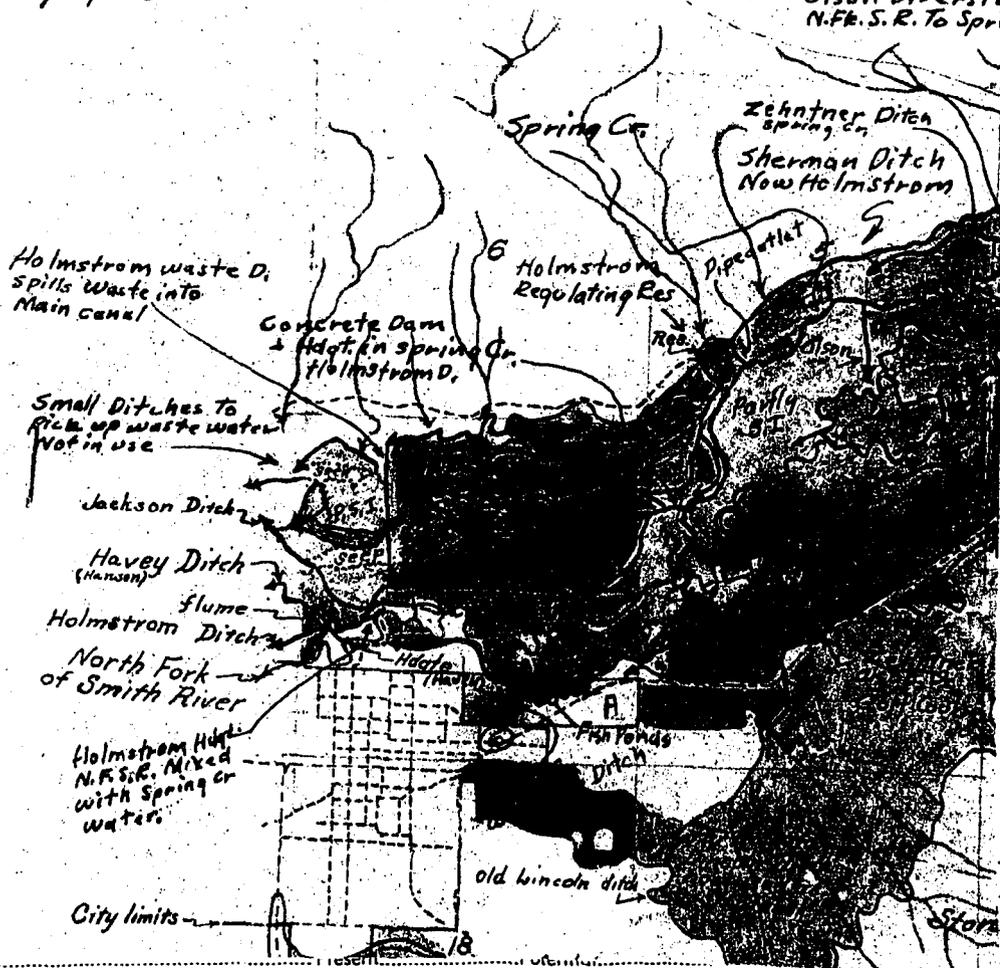
Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities

North

by J.E.C.
to
d 12/6/50

Sherman D. New Holmstrom
Diverts from N.F.S.R. then
carries water to Trinity Sps.
and picks up an additional
400 inches of spring water

Olson Diversion
N.F.S.R. To Spring



Code No....
Basin.....
Code No....
Basin.....
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.....

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

County _____

Code No. _____

Address _____

Address _____

Owner _____

Wetland



Non-Irrigated Land

Normal



Potential Land Under Existing Facilities

Code No. 7A System WOODSON DITCH Source of Water N. FR. SMITH RIVER
 Basin N. FR. 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.
 S—Stored Water.

F—Flood Irrigation.

P—Water diverted by means of pumping.

G—Water diverted by gravity.

Information from _____ Date _____

Farm Checked

Also Filed in #35, #36

FORM F-1 REPORTER IM 3-49 17380

By Orlando Pulte

STATE OF MONTANA

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

State Engineer's Office

County Moagher

Area W.S. Springs

WATER RESOURCES SURVEY

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

Date June 8-1950

Photo No. MA-39-86, 87
MA-39-177, 178

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. _____

Water Board Canal

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 map)

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

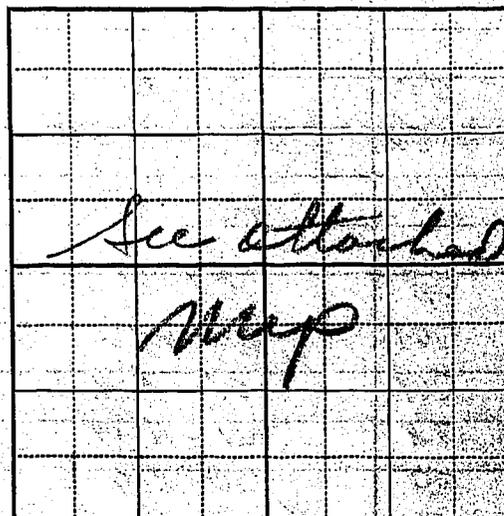
Adequate Supply Yes No

Explain Yes with stored water

Topography River Bottom

Information From Walter R. ...

Remarks (see notes for full details)



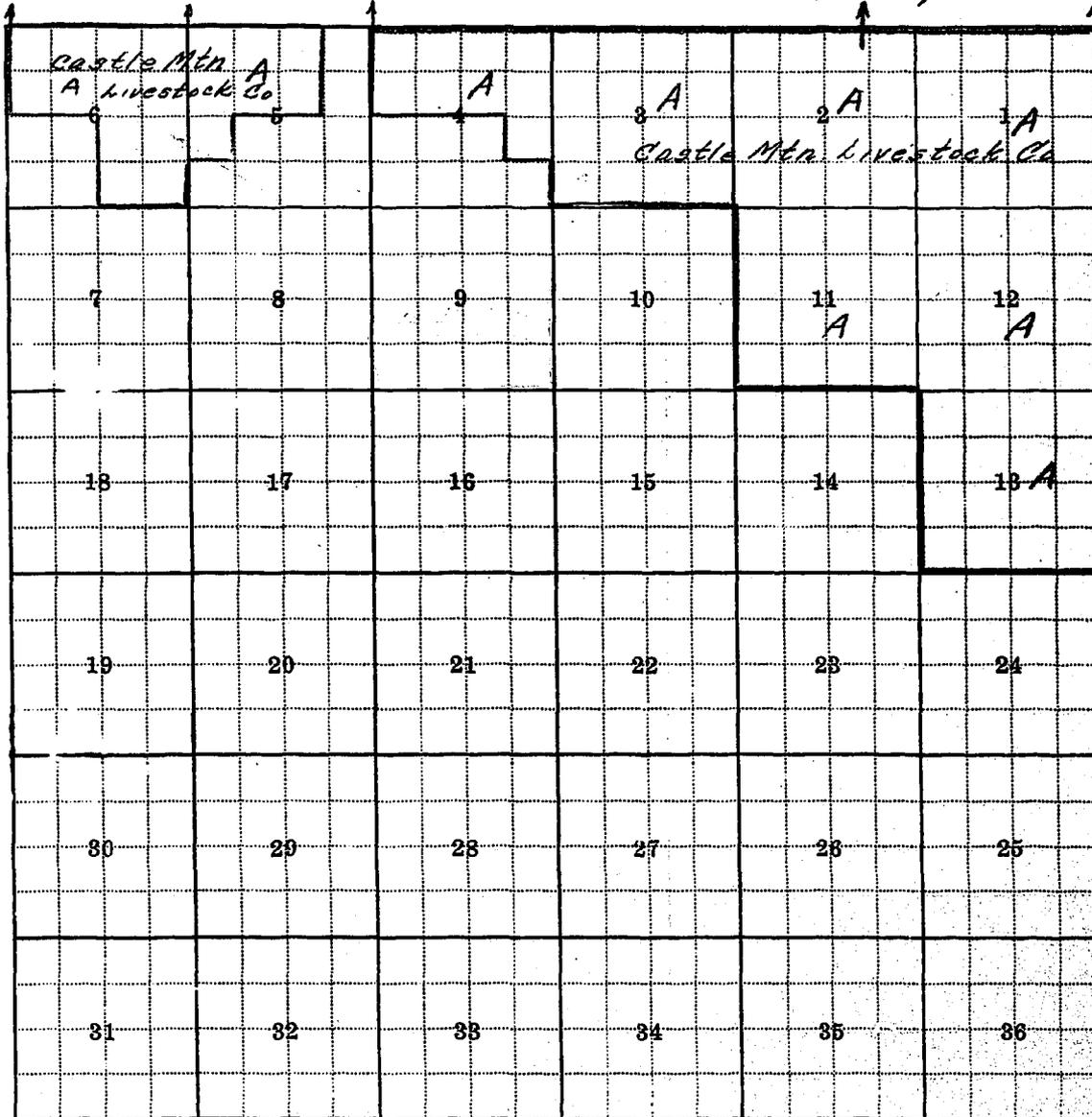
(over)

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, W ^m	Casey Cr.	11-16-97	70
2301	Stewart, W^m	Casey Cr.	11-16-97	70
✓ 2301	Stewart, W ^m	" "	11-16-97	160

Transfer Deed dated 12-15-69 BK 97 - Pg 168.
 Castle Mtn Rattle Co. to Ward Paper Box Co.

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Township 9 North Range 7 East County Meagher



Township 9 N Range 7 E

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

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

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

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



Irrigated Land

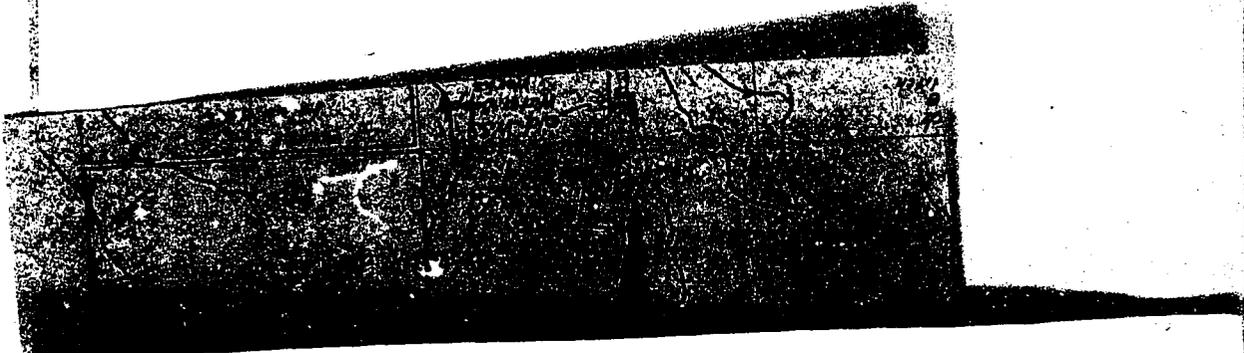


Non-Irrigated Land



Potential Land Under Existing Facilities

North



Code No. <u>11A</u>	System <u>CASTLE MTN. LIVESTOCK CO. DITCHES</u> (NOT IN USE)	Source of Water <u>CASEY CREEK</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>0</u> Potential <u>2.6</u> Maximum <u>2.6</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>4A</u>	System <u>CASTLE MTN. LIVESTOCK CO. DITCH</u>	Source of Water <u>N.E.K. SMITH RIVER</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>2.8</u> Potential <u>0</u> Maximum <u>2.8</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>9A</u>	System <u>SHERMAN DITCH (Holmstrom)</u>	Source of Water <u>N.E.K. SMITH RIVER</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>0</u> Potential <u>13.1</u> Maximum <u>13.1</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>
Code No. <u>4A, 5A, 6A</u>	System <u>SHERMAN DITCH</u> (Holmstrom)	Source of Water <u>TRINITY SPRINGS AND N.E.K. SMITH RIVER</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>0</u> Potential <u>11</u> Maximum <u>11</u>	R <input checked="" type="checkbox"/> F <input type="checkbox"/> P <input type="checkbox"/> G <input checked="" type="checkbox"/> S <input type="checkbox"/>

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

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

Information from _____ Date _____

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher
Code No. 1A, 2A, 3A, 4A, 5A, 6A, 7A, 8A, 9A, 11A, 12A, 13A

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

Castle Mtn. Livestock Co. Address 117 1/2 N. 1st St. Sidney, Mont.
Address _____



Potential Land Under Existing Facilities

Code No. 3A, 4A System ZEHNTNER DITCHES Source of Water N.E. SMITH RIVER
Basin N.E. SMITH RIVER Present 0 Potential 1.8 Maximum 1.5 R F P G S
Code No. 3A System Castle Mtn. Livestock Co. Ditch Source of Water N.E. SMITH RIVER
Basin N.E. SMITH RIVER Present 0 Potential 0 Maximum 0 R F P G S
Code No. 11A System SMITH DITCH Source of Water WILLOW CREEK
Basin N.E. SMITH RIVER Present 0 Potential 1.5 Maximum 1.5 R F P G S
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R F P G S

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

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

Information from _____ Date _____

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County 14
Code No. 14
9A, 11A

Twp. 10N Rge. 7E
Twp. 10N Rge. 5E
Twp. 2N Rge. 7E

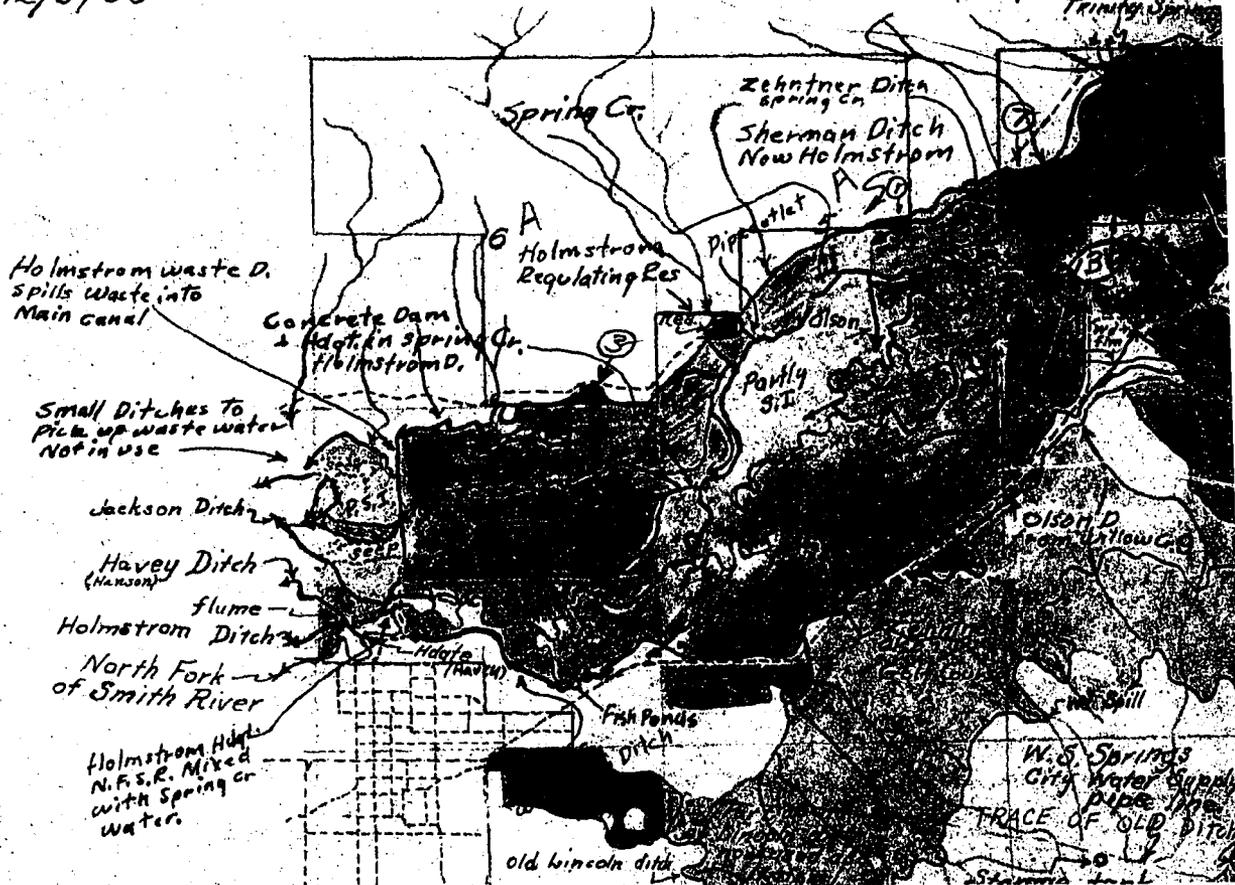
Name of Land Owner..... Address.....
Name of Operator..... Address.....
Legal Description.....

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

J.E.C.
6
12/6/50

Sherman D. New Holmstrom
Diverts from N.F.S.R. then
carries water to Trinity Sps.
and picks up an additional
400 inches of Spring water

Olson Diversion
N.F.S.R. To Spring Cr.
U.S. Highway No. 14
Trinity Springs



Code No. <u>4A</u>	System <u>CASTLE MIN. LIVESTOCK CO. DITCH</u>	Source of Water <u>N.F.S. SOUTH RIVER</u>
Basin <u>N.F.S. SOUTH RIVER</u>	Present <u>2.8</u>	Potential <u>0</u> Maximum <u>2.8</u> R <u>✓</u> F <u>✓</u> P <u>✓</u>
Code No. <u>9A</u>	System <u>SHERMAN DITCH (Holmstrom)</u>	Source of Water <u>N.F.S. SOUTH RIVER</u>
Basin <u>N.F.S. SMITH RIVER</u>	Present <u>0</u>	Potential <u>131</u> Maximum <u>131</u> R <u>✓</u> F <u>✓</u> P <u>✓</u>
Code No. <u>4A, 5A, 6A</u>	System <u>SHERMAN DITCH</u>	Source of Water <u>N.F.S. SMITH RIVER</u>
Basin <u>N.F.S. SMITH RIVER</u>	Present <u>0</u>	Potential <u>11</u> Maximum <u>11</u> R <u>✓</u> F <u>✓</u> P <u>✓</u>

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

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

Information from Date

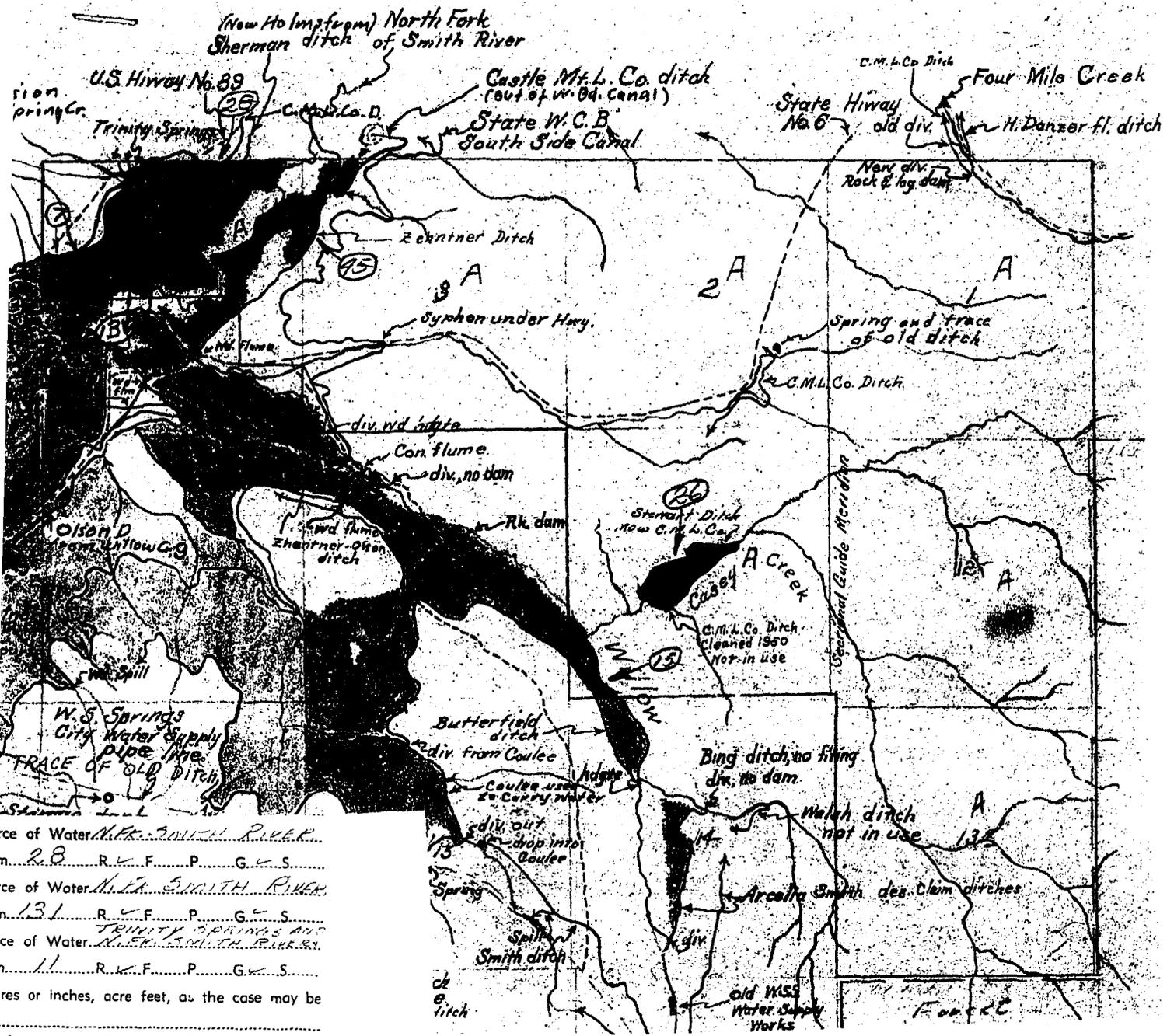
County Michigan

Code No. 142A 3A-1000

99 11A 23, 3A

Trinity Springs
.....
.....
.....

and Under Existing Facilities



rce of Water Mt. L. Co. SOUTHERN RIVER
 m. 2.8 R. & F. P. G. & S.
 rce of Water Mt. L. Co. SOUTHERN RIVER
 m. 1.31 R. & F. P. G. & S.
 rce of Water Mt. L. Co. SOUTHERN RIVER
 m. 1.1 R. & F. P. G. & S.
 arees or inches, acre feet, as the case may be
 of pumping. G—Water diverted by gravity.

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

County _____
Code No. _____

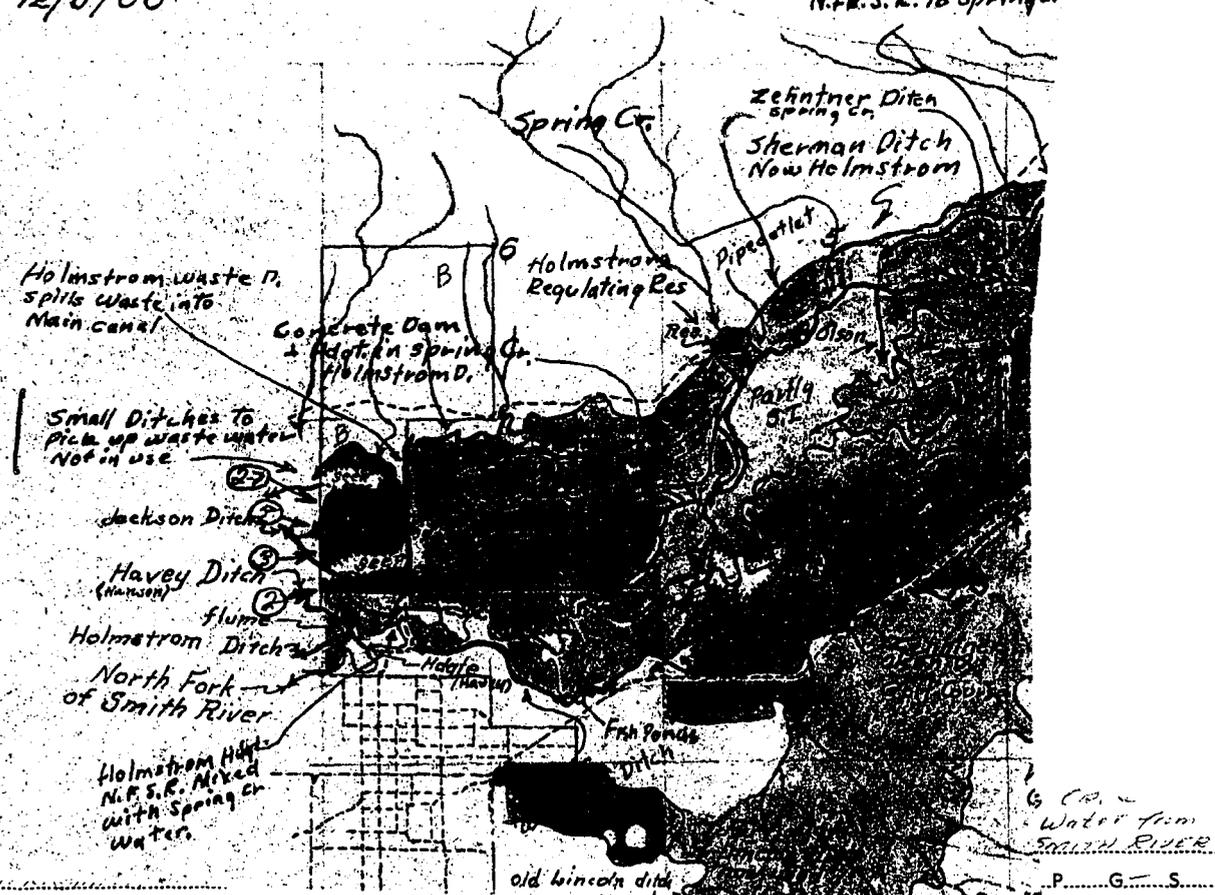
Twp. _____ Rge. _____
Twp. _____ Rge. _____
Twp. _____ Rge. _____

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

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities

J.F.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
also Diversion
N.Fk. S. R. To Spring Cr



Code No.	Basin	System	Present	Potential	Maximum	R	F	P	G	S
Code No. 7.2	N.F.K. SMITH RIVER	JACKSON DITCH	0	2	2					
Code No. 7.3	N.F.K. SMITH RIVER	Holmstrom Waste	0	7	7					
Code No.	Basin	System	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 W-2
Revised 1963

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County _____

Code No. _____

Address _____

Address _____



Non-Irrig.

Land Under Existing Facilities

Code No. 7B System HANSEN RANCH Co. DITCHES Source of Water SPRING CO. & Waste Water from N.E.K. SMITH RIVER
 Basin N.E.K. SMITH RIVER Present 5 Potential 30 Maximum 35 R. F. P. G. S.

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

Code No. 7B System Holmstrom Waste Ditch Source of Water Spring Co., Trinity Springs, N.E.K. Smith River
 Basin N.E.K. 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 _____

44

Also in T 7N-R 6E # 43

" " T. 10N-R 6E # 34

FORM F-1 - GAZETTE 1888-2N-1-47

Farm Checked
By Oravetz-Bille

STATE OF MONTANA

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

STATE ENGINEER'S OFFICE

County Meagher

Area Wh. Sul. Sprgs

WATER RESOURCES SURVEY

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

Date 6/12/50

Photo No. MA-39-197

Legal Land Owner Axel Helmstrom

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 - 100m App. No. D-156 # 1st 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 19 50 ?

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 Helmstrom

Remarks Axel Helmstrom 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 Sprngs (All)
2541	J. S. Brewer	4/3/71	400 (or All)	Trinity Springs

Decease No.	Priority Right	To Whom Deceased	Date	No. In.	Name of Stream
D-155	4 th	Joha A. Woodson	June 1877 -	100	N. Fork Smith River
D-156	14 th	" "	Oct 1879 -	275	" " " "

Sherman Ditch (Now Holmstrom Ditch) No. 1

Point of Diversion in NW⁴ SW⁴ 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 Fork Smith River, making a total 1000 inches. Traversing in the same Southwesterly direction for another 1 1/2 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 NE⁴ SW⁴, SW⁴ SW⁴ Sec. 5; NE⁴, W² NW⁴ Sec. 7; & NW⁴ NW⁴ Sec. 8, T. 9N - R. 7E.

Holmstrom Ditch No. 2

Point of Diversion - in NW⁴ NW⁴ 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 Fork of the Smith River from the Sherman or Now Holmstrom Ditch No. 1. To irrigate land in NW⁴ SW⁴ Sec. 7, T. 9N - R. 7E Holmstrom No. 2 flumes both the Jackson & Hanson ditches.

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

Continued on Next Sheet

Holmstrom Ditch No. 3

Point of origin in NW⁴ SW⁴ Sec. 7 T. 9N-R. 7E
on West Bank of N. Elk Smith River. This ditch
is supplemented by some water from upper
Holmstrom ditches No. 1 & No. 2.
Land irrigated is in NW⁴ SW⁴ 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 ~~Wasatch County~~ ^{White Sulphur Springs} ~~Utah~~ ^{Idaho}
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 solely 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. Prank - Court State Eng.
According to my knowledge & belief the
above is correct.

J. H. Sherman

STATE OF MONTANA
STATE ENGINEER'S OFFICE
WATER RESOURCES SURVEY

Township 9N Range 7E County Meagher

	6	5	4	3	2	1
		D				
		E				
	G	B				
	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

No. Fk.
Smith River
Boundary



Township 9N Range 7E

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

J.E.C.

8

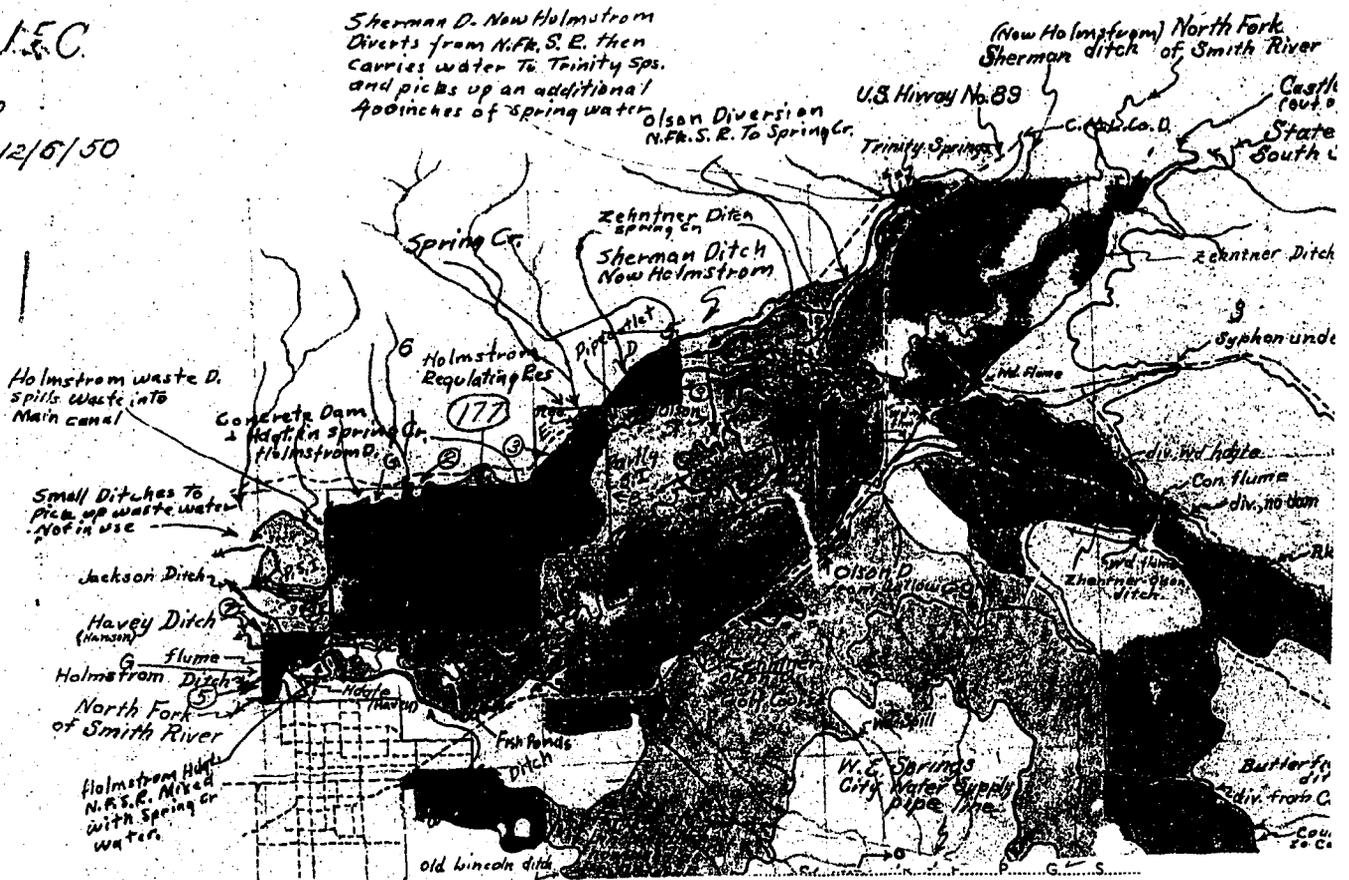
12/6/50

Sherman D. New Holmstrom
Diverts from N.F.S.R. then
carries water to Trinity Sps.
and picks up an additional
400 inches of spring water

(New Holmstrom) North Fork
Sherman ditch of Smith River

U.S. Highway No. 89

Olson Diversion
N.F.S.R. To Spring Cr.



Code No. <u>52</u>	System <u>Olson Ditch</u>	Source of Water <u>N.F. SMITH RIVER</u>
Basin <u>N.F. SMITH RIVER</u>	Present <u>6</u>	Potential <u>5</u> Maximum <u>5</u> R. F. P. G. S.
Code No. <u>51, 70, 68</u>	System <u>AXON HOLMSTROM DITCHES</u>	Source of Water <u>TRINITY SPRING</u>
Basin <u>N.F. SMITH RIVER</u>	Present <u>18</u>	Potential <u>9</u> Maximum <u>19</u> R. F. P. G. S.
Code No. <u>70</u>	System <u>Sherman Ditch</u>	Source of Water <u>N.F. SMITH RIVER</u>
Basin <u>N.F. SMITH RIVER</u>	Present <u>0</u>	Potential <u>0</u> Maximum <u>0</u> R. F. P. G. S.

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

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

Information from _____ Date _____

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

County _____
 Code No. _____

Address _____

Address _____



Non-Irrigated Land



Potential Land Under Existing Facilities

Code No. 5D System SHERMAN DITCH Source of Water N.E. SMITH RIVER
 Basin N.E. SMITH RIVER Present 21 Potential 0 Maximum 21 R ✓ F ✓ P ✓ G ✓ S ✓
 Code No. 5D System DAVEN DITCH Source of Water N.E. SMITH RIVER
 Basin N.E. SMITH RIVER Present 0 Potential 3 Maximum 3 R ✓ F ✓ P ✓ G ✓ S ✓
 Code No. 5E, 7G, 8B System AXEL HANSTRON DITCHES Source of Water N.E. SMITH RIVER
 Basin N.E. SMITH RIVER Present 182 Potential 9 Maximum 191 R ✓ F ✓ P ✓ G ✓ S ✓
 Code No. 7G System R. HANSON DITCH Source of Water N.E. SMITH RIVER
 Basin N.E. 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 _____

44

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 7C

By C + B

County Meagher Co

Area N. Fork Smith River

T. 9N R. 7E Sec. 7

Date July 5-1960

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 _____

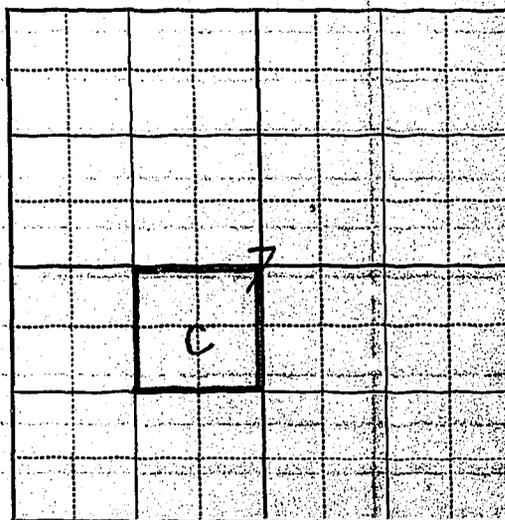
Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____



STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____

Code No. _____

Twp. _____ Rge. _____

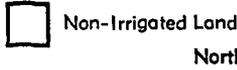
Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner _____ Address _____

Name of Operator _____ Address _____

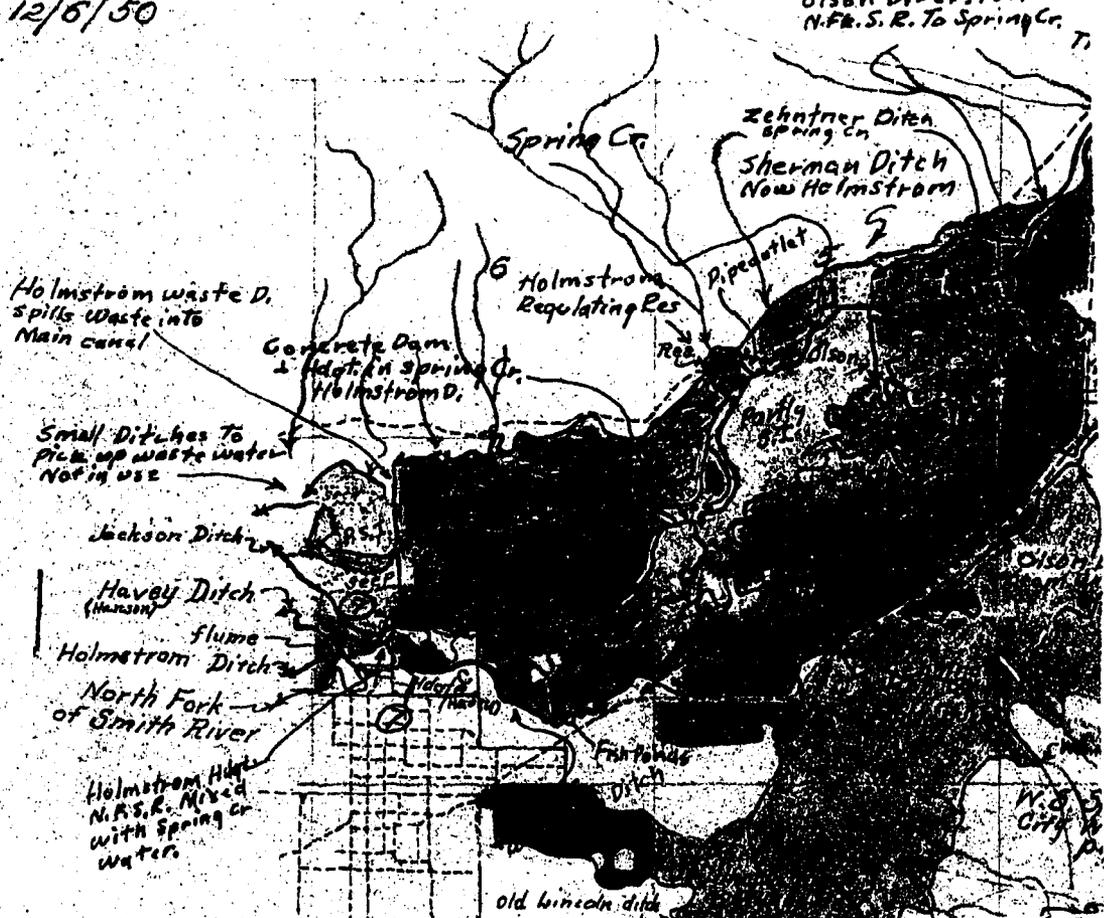
Legal Description _____



J.F.C.
to
12/6/50

Sherman D. New Holmstrom
Diverts from N.Fk. S.E. then
carries water to Trinity Sps.
and picks up an additional
400 inches of Spring water

Olson Diversion U.
N.Fk. S.E. To Spring Cr. T.



Holmstrom waste D.
spills waste into
Main canal

Small Ditches To
pick up waste water
Not in use

Jackson Ditch

Havay Ditch
(Hanson)

flume
Holmstrom Ditch

North Fork
of Smith River

Holmstrom Head
N.F.S.R. Mixed
with Spring Cr
water

old Lincoln ditch

Code No. 12 System WARDEN DITCH Source of Water N.F.K. SMITH RIVER
 Basin N.F.K. SMITH RIVER Present 0 Potential 7 Maximum 7 R. LF P. G S. 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 _____

STATE OF MONTANA

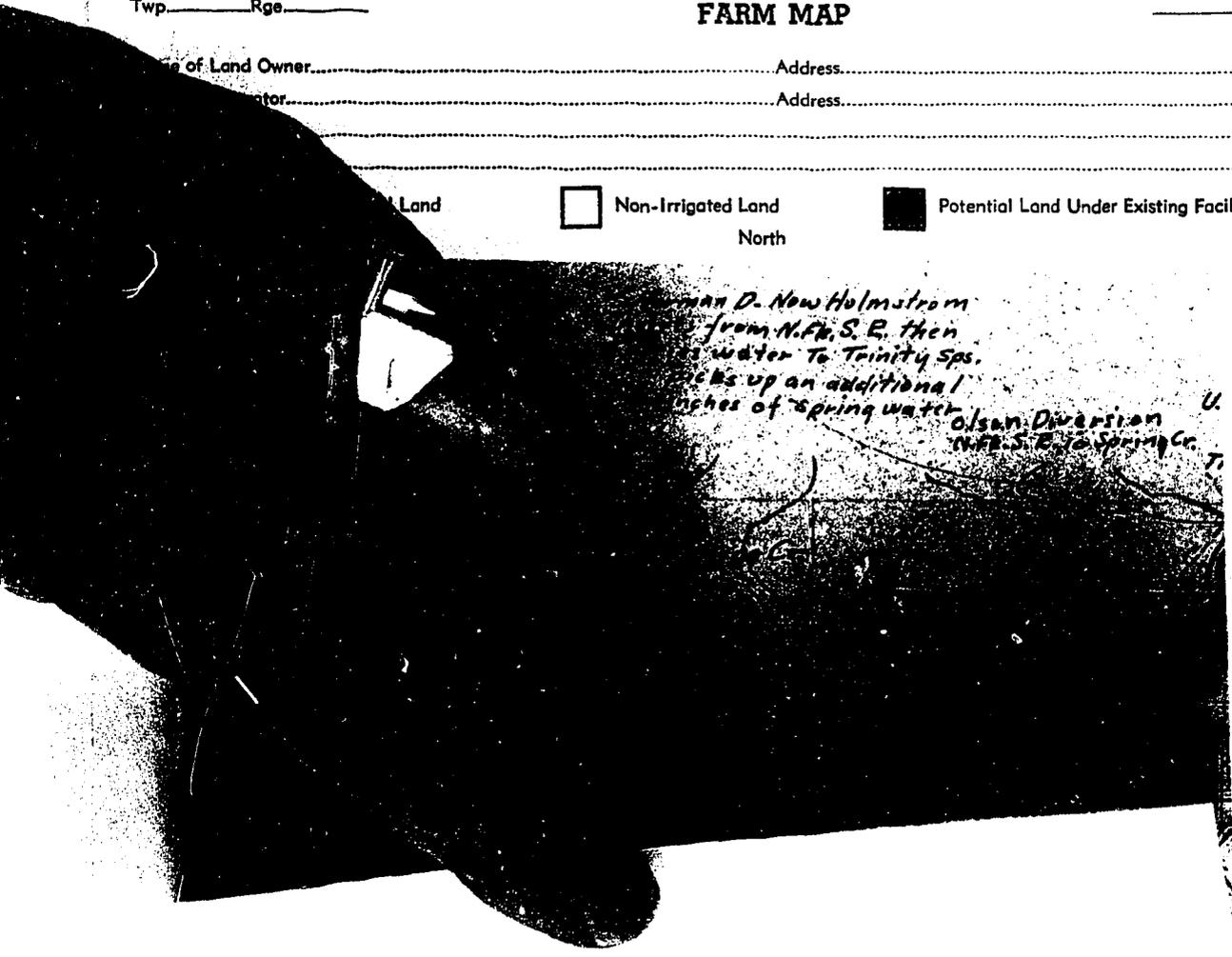
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____
Code No. _____

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

Name of Land Owner _____ Address _____
Address _____

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



*Man D. Now Holmstrom
Diversion from N.E. S. R. then
diverts water to Trinity Sps.
picks up an additional
1000 inches of spring water*
*Dolan Diversion
N.E. S. R. to Spring Cr. 71*

Code No. 7C System Holmstrom Ditch Source of Water SPRING CR.
Basin N.E. SMITH RIVER Present 0 Potential 7 Maximum 7 R F P G S
Code No. 72 System WOODSON DITCH Source of Water N.E. SMITH RIVER
Basin N.E. 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

STATE OF MONTANA

FORM F-1 REPORTER 1M 3-49 17380

By Dave & Joe

Code No. 30A-31A

State Engineer's Office

County Meagher

Area Cattin Springs

WATER RESOURCES SURVEY

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

Date 10/3/50

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) 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 SW $\frac{1}{4}$, Sec. 32
Also faint trace of 2 ditches out of
the SE $\frac{1}{4}$, Sec. 32.

Large earth filled dam of reservoir
with screw type headgate.

Located in the SW $\frac{1}{4}$, 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

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 _____

33
P

land

Canal

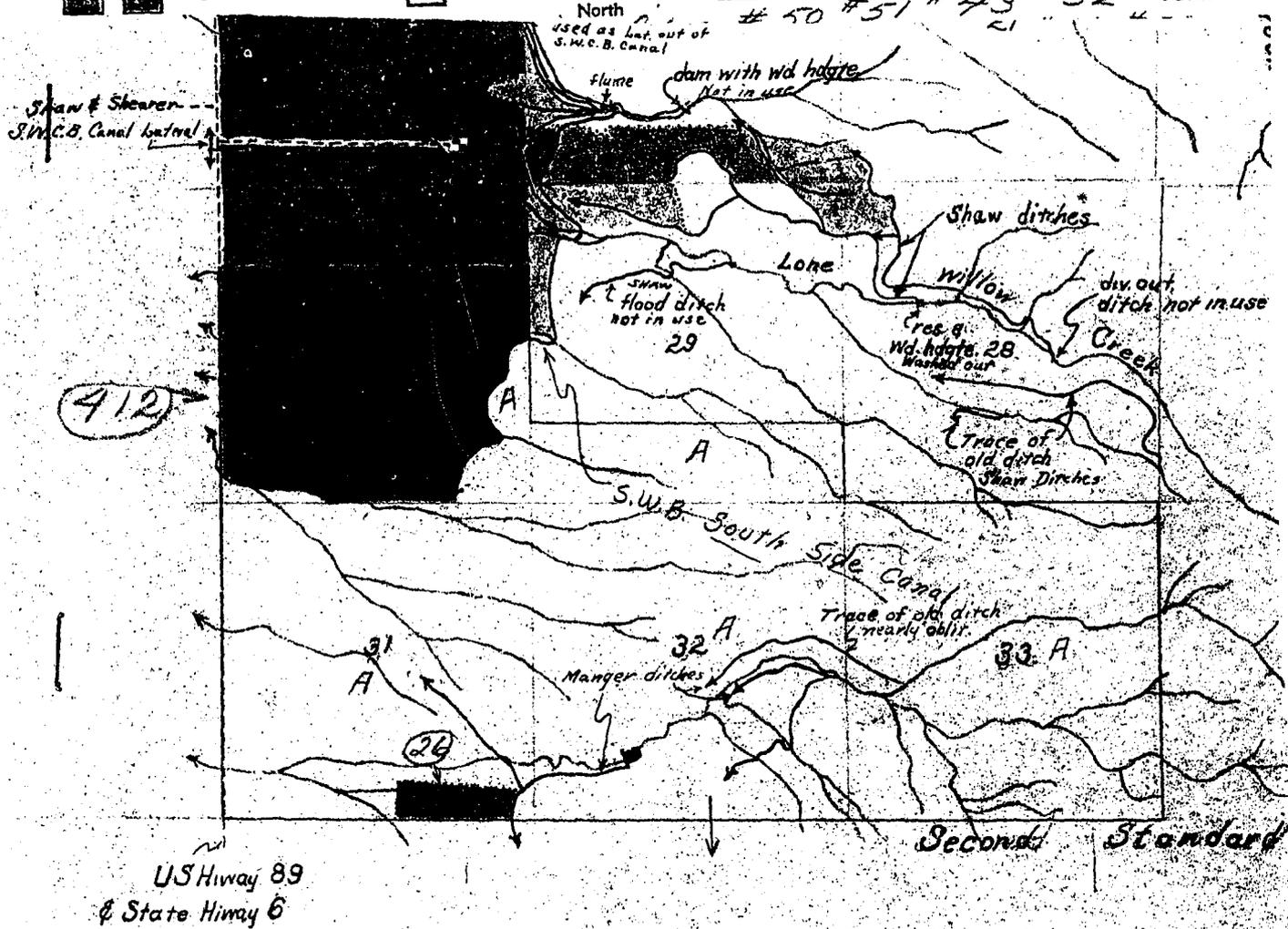
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Moagher
Code No. 20E-314

Twp. 20 Rge. 10
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Mary Russell Address White Sulphur
Name of Operator J. R. R. Address _____
Legal Description _____

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities



Code No. <u>30A</u>	System <u>SHAW-SHEARER DITCH</u>	Source of Water <u>N.F.R. SMITH RIVER</u>	Present <u>0</u>	Potential <u>0</u>	Maximum <u>0</u>	R <input type="checkbox"/>	F <input type="checkbox"/>	P <input type="checkbox"/>	G <input checked="" type="checkbox"/>	S <input type="checkbox"/>
Basin <u>N.F.R. SMITH RIVER</u>										
Code No. <u>31A</u>	System <u>SOUTH SIDE CANAL</u>	Source of Water <u>N.F.R. SMITH RIVER</u>	Present <u>112</u>	Potential <u>0</u>	Maximum <u>112</u>	R <input checked="" type="checkbox"/>	F <input type="checkbox"/>	P <input type="checkbox"/>	G <input checked="" type="checkbox"/>	S <input type="checkbox"/>
Basin <u>N.F.R. SMITH RIVER</u>										
Code No. <u>32A, 33A, 33B</u>	System <u>MANGER DITCHES</u>	Source of Water <u>WATER FROM CREEK</u>	Present <u>26</u>	Potential <u>0</u>	Maximum <u>26</u>	R <input checked="" type="checkbox"/>	F <input type="checkbox"/>	P <input type="checkbox"/>	G <input checked="" type="checkbox"/>	S <input type="checkbox"/>
Basin <u>WATER FROM CREEK</u>										
Code No. _____	System _____	Source of Water _____	Present _____	Potential _____	Maximum _____	R <input type="checkbox"/>	F <input type="checkbox"/>	P <input type="checkbox"/>	G <input type="checkbox"/>	S <input type="checkbox"/>
Basin _____										

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 J. R. R. Date Feb. 16, 1951

State Engineer's Office

County Meagher
Code No. 30A-31A

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

WATER RESOURCES SURVEY
FARM MAP

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 #50 #51 #43 #52 #22
#23 #32 #33 #66 #73
Now A. D. 19

Code No. <u>30A</u>	System <u>SHAW-SHEARER DITCH</u>	Source of Water <u>N.E.K. SMITH RIVER</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>0</u>	Potential <u>0</u> Maximum <u>0</u> R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>30A</u>	System <u>SOUTH SIDE CANAL</u>	Source of Water <u>N.E.K. SMITH RIVER</u>
Basin <u>N.E.K. SMITH RIVER</u>	Present <u>412</u>	Potential <u>0</u> Maximum <u>412</u> R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>31A, 32A, 33A</u>	System <u>MANGER DITCHES</u>	Source of Water <u>unnamed cooler</u>
Basin <u>S.E.K. SMITH RIVER</u>	Present <u>26</u>	Potential <u>0</u> Maximum <u>26</u> R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
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

14

Farm Checked

STATE OF MONTANA

FORM F-1 REPORTER IM 3-49 17380

By Oravetz, Bille

State Engineer's Office

Code No. 5B, 7E, 8A

Area W. Sul Sprgs.

WATER RESOURCES SURVEY

County Meagher

Date 6-9-50

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

Photo No. MA-39-197

Legal Land Owner Olson, Inge

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 McFork 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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County _____

Code No. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner _____ Address _____

Name of Operator _____ Address _____

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North

J.E.C.
12/6/50

Sherman D. New Holmstrom
Diverts from N.F.S.R. then
carries water to Trinity Sps.
and picks up an additional
40 inches of Spring water

(New Holmstrom) North Fork
Sherman ditch of Smith River

Olson Diversion
N.F.S.R. To Spring Cr.

U.S. Highway No. 89

Castle Mt.
(out of view)
State W.C.
South Side



Basin N.F.S.R. Present 0 Potential 1 Maximum 1 R. 1 F. 0 P. 0 G. 0 S. 0
Code No. 28 System WOODSON DITCH Source of Water N.F.S.R.
Basin N.F.S.R. Present 0 Potential 1 Maximum 1 R. 1 F. 0 P. 0 G. 0 S. 0

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

Information from _____ Date _____

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____

Code No. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner.....Address.....

Name of Operator.....Address.....

Legal Description.....

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities

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

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

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

Information from _____ Date _____

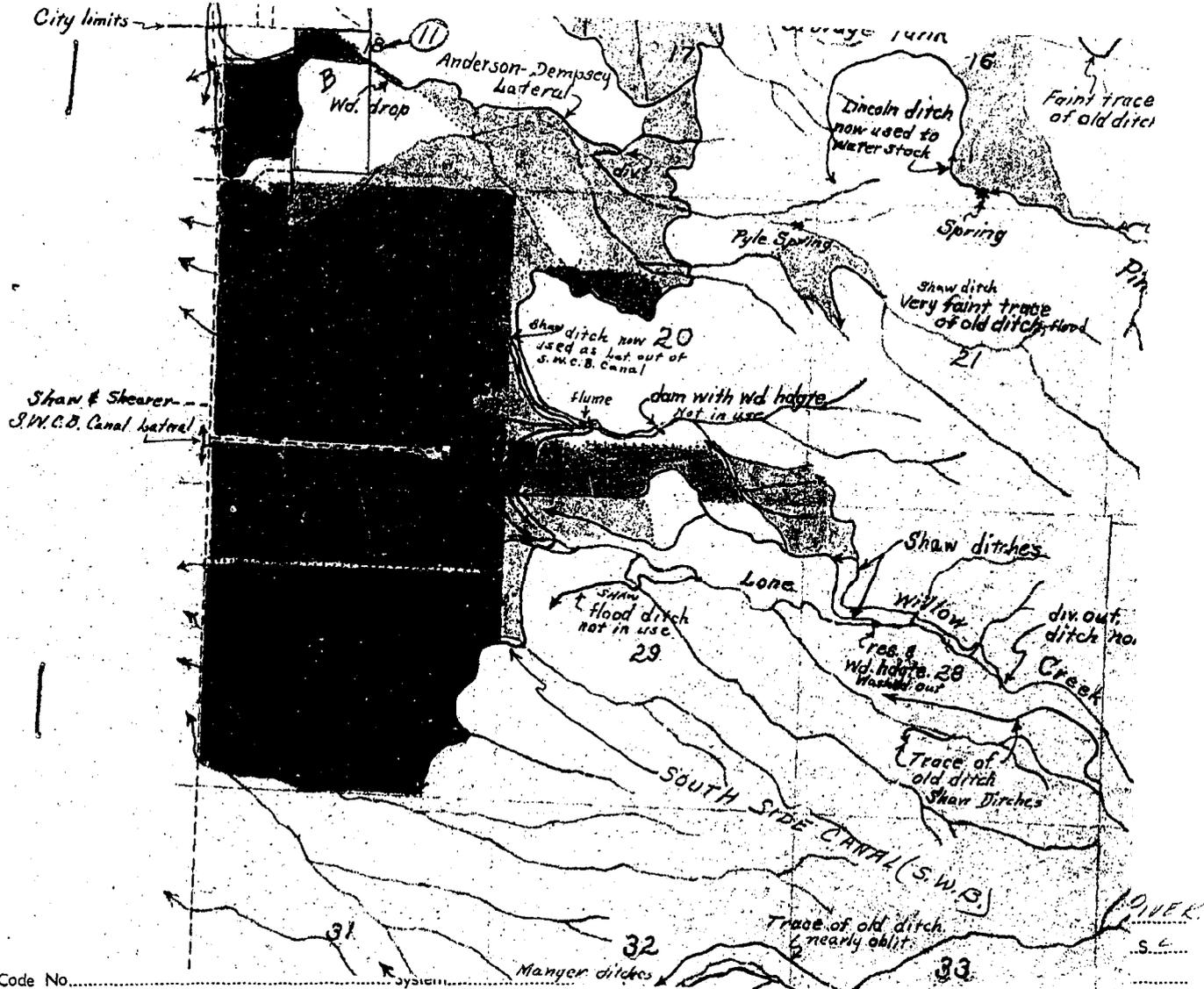
STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____
Code No. _____

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

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

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities



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

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

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

Information from _____ Date _____

Form Report
Twp. _____
Rge. _____
Twp. _____
Rge. _____
Name of L _____
Name of I _____
Il Des _____

Code
Code
Code
Code
in s
Infor

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____

Code No. _____

Twp _____ Rge _____

Twp _____ Rge _____

Twp _____ Rge _____

Name of Land Owner _____ Address _____

Name of Operator _____ Address _____

Description _____

Irrigated Land

Non-Irrigated Land
North

Potential Land Under Existing Facilities



Code No. 1.R.B System (South Side Canal water) (Bwob) ANDERSON-DEMBOY D. Source of Water N. FR. SMITH RIVER
 Basin N. FR. 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 _____

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 Creeks and was covered
by the A. Lincoln water right.
Reinhart cleaned out the ditch so
as to make it possible to divert
water from the W. B. Canal. He
plans to clean out the old A. Lincoln
ditch and use water from Willow
Creeks 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 siphon to get water
to the top of the bench included in the 80 acres.

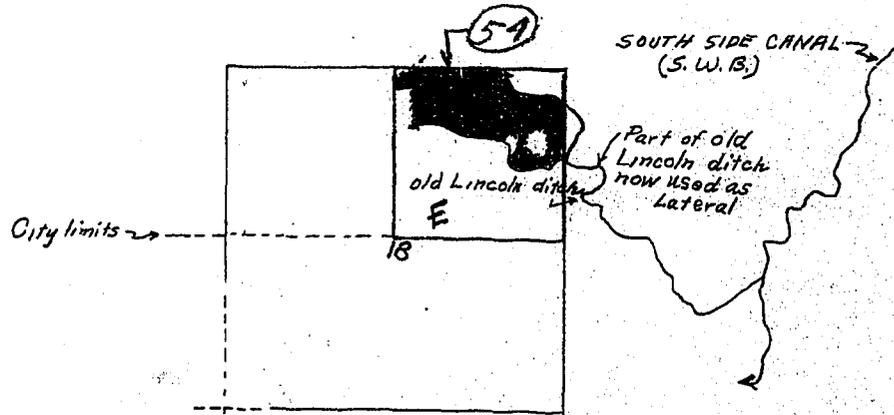
State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County _____
C. No. _____

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

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

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



Code No. 1.1E Systems (old Lincoln Ditch) South Side Canal Source of Water N. Pk. SMITH RIVER
Basin N. Pk. SMITH RIVER Present 59 Potential 0 Maximum 59 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 _____

20B
29B, 30B
34A
20, 21, 22
Q, 34

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

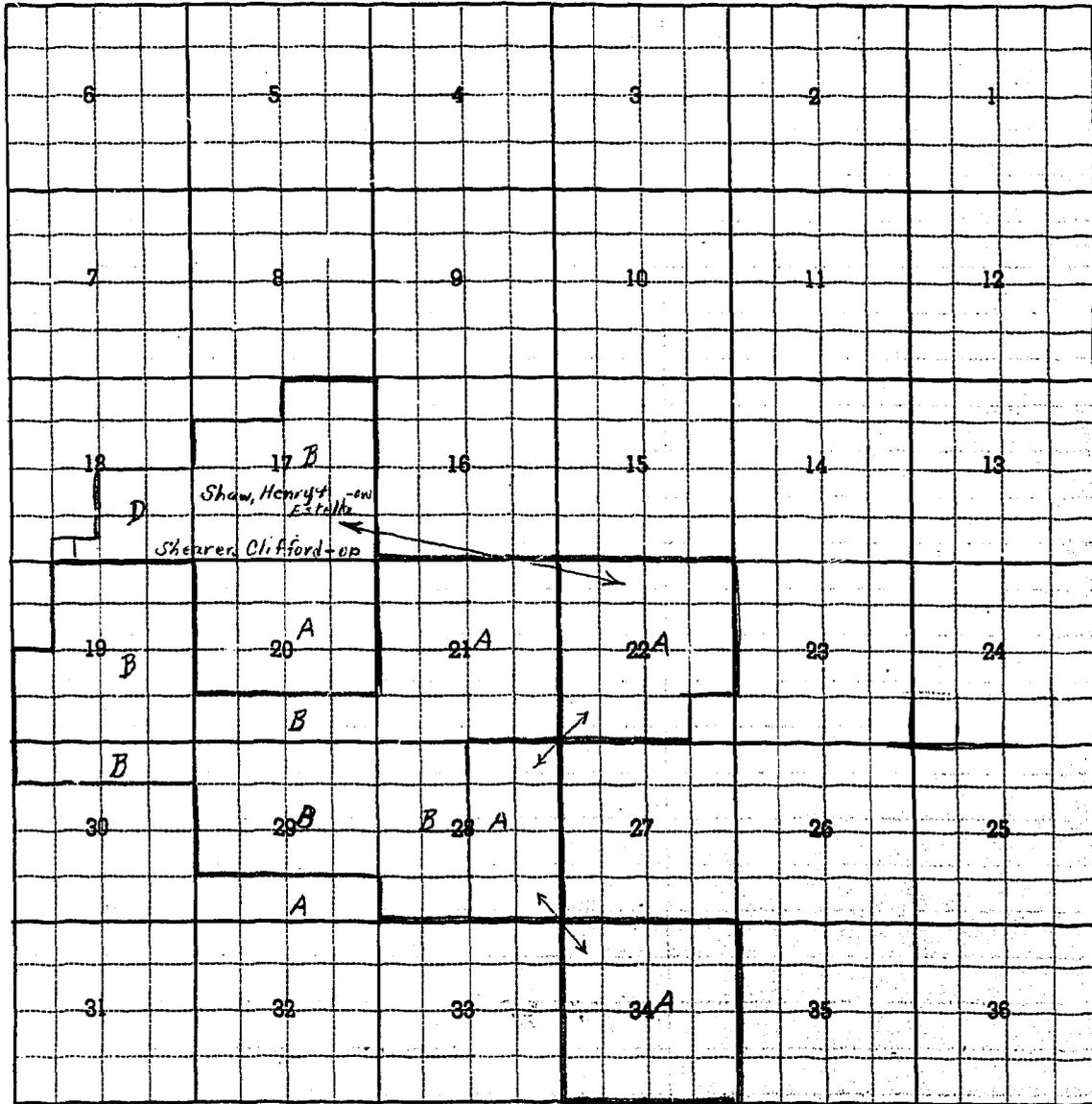
ditch out of Res. in Lane Williams^{Cr.} is only ditch used other than State Canal

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

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

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

Code No. 17B, 18D, 22A, 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
 Code No. 17B, 18D System SWCB (Anderson-Dempsey Lateral) 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
 Code No. 19B System SWCB (Anderson Ditch) South Side Canal Source of Water N. FK. SMITH RIVER
 Basin N. FK. SMITH R. Present 0 Potential 12 Maximum 12 R F P G S
 Code No. 17B System SWCB (Old Lincoln Ditch) 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 Cw. l.e.
 Basin S.F. SMITH RIVER Present 0 Potential 0 Maximum 0 R F P G S

Code No. 20B, 21A, 22A, 22B, 29B System SHAW DITCHES Source of Water LOVE WILLOW CR.
 Basin S.F. SMITH RIVER Present 66 Potential 85 Maximum 151 R F P G S

Code No. 19B System SHAW FLOOD DITCH ^(not in use) Source of Water LOVE WILLOW CR.
 Basin S.F. SMITH RIVER Present 0 Potential 0 Maximum 0 R F P G S

Code No. 19B, 30B System S.W.S.B. South Side Canal ^(flow in canal later) Source of Water N.E. SMITH RIVER
 Basin N.E. 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 Center
 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 PINCHOUT CREEK
 Basin N. FK. SMITH RIVER Present 0 Potential 17 Maximum 17 R. F. P. G. S.
 Code No. 19B, 20A, 20B, 29B, 30B System S.W.C.R. (Shaw Ditch) 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 _____

7014

Farm Checked

By J.E.G.

Area Willow Cr.

Date Oct 13, 1949

Legal Land Owner Arcelia Smith

Operator Geo. Bing

Water is delivered by:

Federal Project	Pres.	Pot.
Ditch Company	Pres.	Pot.
Irrigation District	Pres.	Pot.
Private System <input checked="" type="checkbox"/>	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
William Stewart, John A. Woodson (decree 10/11/1908) 200 M.F. (D-157) Smith R. decr
App. No. 3278, 2300, 547, 2301

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
Butterlin res has been in

Topography Creek bottom & Valley Slopes

Information From George Bing

Remarks Buys 200AF from S.R. WUA.

has R of Way agreement to use Canal
owns ~~the~~ right in Decree for 200 M.F.
(Willow Creek - John Woodson)
see D-157

See Attached
MAP

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FORM F-1 REPORTER IM 3-49 17380

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

Address W. S. Springs

Address W. S. Springs

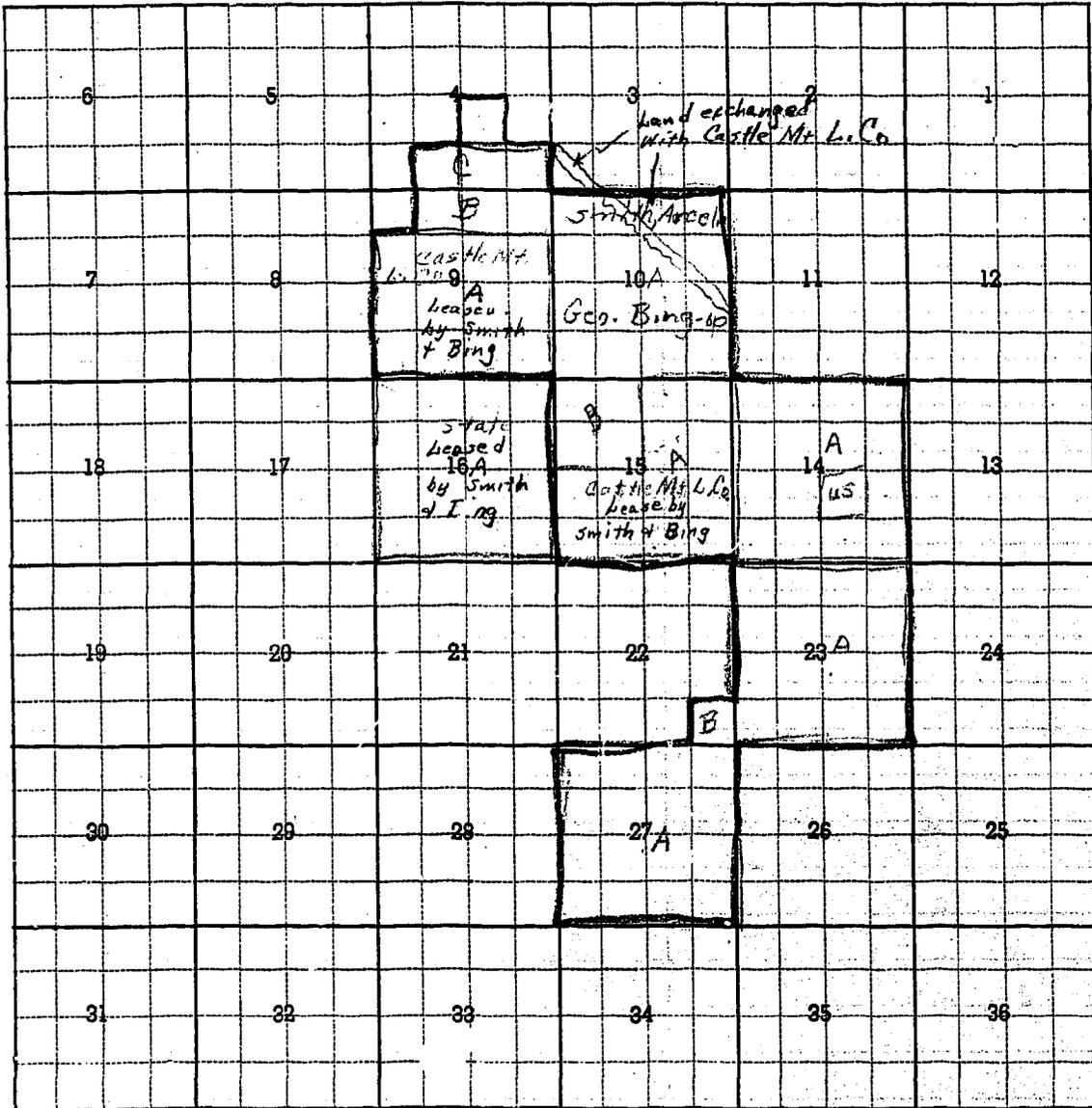
9A, 15A, 16A op. by Smith + Bing
State
Castle Mt. L. Co.

Fred Rhinckart uses lower end of Lincoln ditch as a lateral from the W. B. Canal. Lincoln d. goes to sec. 17, 18, & 19

- ① The N.B. Smith ditch, diverted from Willow Cr. in NW 1/4 Sec. 23 drops water into Coulee in SE 1/4 sec 15. Water is div. from Coulee by ditches running on each side to irr. land in NW 1/4 sec 15 & SW 1/4 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 Arcolia Smith to prove in des. claim. Gen. Bing made small ditch diverting from Coulee near the Center of sec 14
- ③ Ditch diverting from Willow Creek (West bank) in NW 1/4 Sec 14 irrigates land in sec 14 & Sec. 10. Bing says this ditch was built by Putterfield
- 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.

STATE OF MONTANA
State Engineer's Office
WATER RESOURCES SURVEY

Township 9 N 1' Range 10 E County _____



Aradia Smith - ow
Geo. Bing - op

Township 9N Range 10E

om
en
y Sps.
nal
ter

(New Holmstrom) North Fork
Sherman ditch of Smith River

U.S. Hiway No. 89

Castle Mt. Co. ditch
(out of W. B. Canal)

C.M.L. Co. Ditch

Four M

Olson Diversion
(N. Fr. S. R. To Spring Cr.)

State Hiway
No. 6

old div. H. D.

State W. C. B.
South Side Canal

New div.
Rock & log dam

Zehntner Ditch
Spring Cr.

Zehntner Ditch

Syphon under Hwy.

Spring and trace
of old ditch

Outlet

Olson

avily
S.T.

div. wd. hdqte

Cor. flume 111

div. no dam

Rk. dam

Stewart Ditch
now C.M.L. Co.?

Casey
Creek

C.M.L. Co. Ditch
Cleaned 1950
Not in use

Sectional Guide Meridian

152710
1000000000

wd flume
Zehntner-Olson
ditch

172
Zehntner
Olson
Golf Course

W.S. Springs
City Water Supply
pipe line
STATS

Butterfield
ditch

Div. from Coulee

Coulee used
to carry water

Bing ditch, no filling
div. no dam

Walsh ditch
not in use

Storage tank A

Faint trace
of old ditch

div. out
drop into
Coulee

Spring

Spill
Smith ditch

A.U.S.
B
Arcoha Smith des. Claim ditches

Lincoln ditch
now used to
water stock

div. out, ditch
not in use,
Lincoln ditch

old W.S.S.
Water Supply
Works

Pyle Spring

Spring

Shaw ditch
Very faint trace
of old ditch, flood

Pinchout
Creek

Smith ditches
nearly oblit.

diversion

div. out

div. out

ch. now 20
3 feet out of
1 Canal

dam with wd. hdqte
Not in use

21

22

Bandel
fld. ditch
not in use

29 A

Shaw ditches

Old Lincoln
diversion

New dam & intake
W.S. Springs domestic
Water Supply

Lone

Willow

div. out
ditch not in use

27 A

Cres. 8
wd. hdqte. 28
Washed cut

Creek

20

Shaw
flood ditch
not in use

29

Trace of
old ditch
Shaw Ditches

Creek

STATE OF MONTANA

State Engineer's Office

County Meagher
Code No. 4C, 9B, 10A, 14A
15B, 22B, 23A, 27A
(9A, 15A, 16A) op. by Smith & Bing

Twp. 9N Rge. 7E 44 ✓
Twp. _____ Rge. _____
Twp. _____ Rge. _____

WATER RESOURCES SURVEY
FARM MAP

Name of Land Owner Arcelia Smith Address White Sulphur Springs
Name of Operator George Bing Address " "
Legal Description _____

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

Code No. <u>9A, 9B</u>	System <u>SOUTH SIDE CANAL</u>	Source of Water <u>N. F. SMITH RIVER</u>
Basin <u>N. F. SMITH RIVER</u>	Present <u>0</u> Potential <u>1.42</u> Maximum <u>1.42</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>9A, 10A, 19A, 15B</u>	System <u>BUTTERFIELD DITCH</u>	Source of Water <u>WINDY CREEK</u>
Basin <u>N. F. SMITH RIVER</u>	Present <u>1.52</u> Potential <u>2.5</u> Maximum <u>1.72</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>4C, 9B, 10A</u>	System <u>E. DANGER DITCH (N. F. SMITH R.)</u>	Source of Water <u>WINDY CREEK</u>
Basin <u>N. F. SMITH RIVER</u>	Present <u>7.8</u> Potential <u>0</u> Maximum <u>7.8</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>
Code No. <u>4C, 9B, 10A</u>	System <u>OLD DITCH</u>	Source of Water <u>WINDY CREEK</u>
Basin <u>N. F. SMITH RIVER</u>	Present <u>0</u> Potential <u>0</u> Maximum <u>0</u>	R <u>✓</u> F <u>✓</u> P <u>✓</u> G <u>✓</u> S <u>✓</u>

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

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

Information from _____ Date _____

STATE OF MONTANA

State Engineer's Office
WATER RESOURCES SURVEY
FARM MAP

County Meagher
Code No. 4C, 9B, 10A, 14A
15B, 22B, 23A, 27A
(9A, 15A, 16A) exp. to 6/30/87

Twp. 9N Rge. 7E 44 ✓
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Arceia Smith Address 1111 1/2 1st St. Springs
Bing Address _____

 Potential Land Under Existing Facilities



Code No.	Basin	System	Present	Potential	Maximum	Source of Water	R	F	P	G	S
<u>9A, 10A, 15A, 15B</u>	<u>N.E.K. SMITH RIVER</u>	<u>SMITH DITCHES</u>	<u>174</u>	<u>332</u>	<u>506</u>	<u>WILLOW CREEK</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>19A</u>	<u>N.E.K. SMITH RIVER</u>	<u>SMITH DITCH</u>	<u>18</u>	<u>0</u>	<u>18</u>	<u>WILLOW CR.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>19A</u>	<u>N.E.K. SMITH RIVER</u>	<u>BING DITCH</u>	<u>7</u>	<u>0</u>	<u>7</u>	<u>unnamed center trib. to WILLOW CR.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>16A (State owned)</u>	<u>N.E.K. SMITH RIVER</u>	<u>OLD LINCOLN DITCH</u>	<u>0</u>	<u>87</u>	<u>87</u>	<u>SPRING - PINCHOUT CR.</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(CARRIED BY UNNAMED COURSES)

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-3
Revised 2018 2M 12

Twp 7N Rge 7E 44 ✓

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

County Meagher
Code No. 4C, 9B, 14A, 15B, 22B, 23A, 27A
(9A, 15A, 16A) op by Smith

via Smith Address Willow Creek Springs
Ring Address _____

Land _____
North _____
Potential Land Under Existing Facilities

Code No. 16A (Stat. op) System Smith Ditch Source of Water Willow Creek (Carried by Unnamed Coulee)
 Basin N.E. Smith R. Present _____ Potential 77 Maximum 77 R F P G S
 Code No. 10A System Smith Ditch Source of Water Willow Creek
 Basin N.E. Smith R. Present 1 Potential 0 Maximum 1 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

STATE OF MONTANA

Code No. SC

By J.E.C.

STATE ENGINEER'S OFFICE

County Meagher

Area W.S. Springs

WATER RESOURCES SURVEY

T. 9N R. 7E Sec. 8

Date 1949-1950

Photo No. MA-39-198

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

Operator James Address _____

Water is delivered by:

^{State} Federal 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 John Butterfield App. No. 2257

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 grad - no laterals to this land

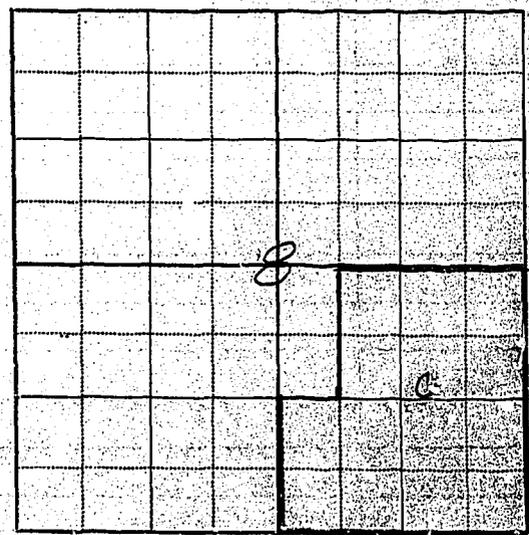
Adequate Supply _____ Yes No _____

Explain Stored Water

Topography Rolling Slope

Information From Field Survey

Remarks _____



Land owned by the N.S.S. Country Club is potential
under the South side Canal but is not irrigated

RIVER PROTECTION OFFICE