

Township 11 North - Range 3 East

| Code No. | Owner | Operator |
|---|-----------------------|----------------|
| 4a | Bingham, Minnie H. | |
| 4b, 5a, | Buckingham, Walter E. | |
| 26a, 27a | Coleman, Clifton W. | |
| 6a, 7b | Lind, Lydia | |
| 25a | Manger, Clara | C. & R. Manger |
| 8b, 18a, 17a, 14a, 15a, 20a, 21a, 22a, 23a, 24a, 28a, 29a, 32a, 33a | Watson, Art | |

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

22

Township 11 North Range 3 East County Meagher

| | | | | | | |
|-------|---------------------|-----------------------------|-----|--------------------|-------|--------------------|
| 147 ✓ | | 2533 2548 | 589 | 589 2540 ✓ | | |
| 6 | 5 | | 4 | 1791 1933 589 ✓ | 3 | 2 |
| | | | | | | 1 |
| | 639 2199 | | | | | 1796 |
| 7 | 8 | 639 2199 2766 | 9 | 10 | 11 | 12 |
| | | | | | | 604 604 2739 |
| 725 | 639 2199 2200 | 639 2199 2200 2766 | | 2768 | | |
| 18 | 17 | 16 | 15 | 14 | 13 | |
| | | | | | | |
| 19 | 20 | 21 | 22 | 23 | 24 | |
| | | | | | | |
| | | 1226 | | | 219 ✓ | |
| 30 | 29 | 28 | 27 | 26 | 25 | |
| | | | | | | |
| 31 | 32 | 33 | 34 | 35 | 36 | |

Township 11 North Range 3 East

Township 11 North, Range 3 East

| <u>No.</u> | <u>Name of Appropriator</u> | <u>Name of Stream</u> | <u>Date App.</u> | <u>Date Filed &</u> | <u>M.I.</u> |
|------------|------------------------------------|--------------------------------|------------------|-------------------------|------------------------------|
| 147 | Diehl, Mary E. | Beaver Creek | 2-14-14 | 2-26-14 | 75 |
| 179 | Bingham, Minnie H. ✓ | Little Beaver Creek | 4-15-12 | 4-16-12 | 150 |
| 219 | Edwards, Thos. W. ✓ | Benton Gulch <i>3rd. Right</i> | 6-1-17 | 7-19-19 | 75 ✓ |
| 589 | Byrne, John E. | Cottonwood Creek | 10-1-08 | 4-14-09 | 100 |
| 604 | Hartell, Minnie | Cottonwood Creek | 10-20-15 | 10-21-15 | 250 <i>200</i> |
| 639 | Watson, Alexander | Cottonwood Creek | 1-16-04 | 1-16-04 | 200 |
| 725 | Watson, A. H. | Deer Creek | 1-16-04 | 1-16-04 | 160 |
| 1226 | Watson, A. H. | Lambing Camp Creek | 1-16-04 | 1-16-04 | 160 |
| 1796 | Byrne, John E. | Sheep Camp Creek | 8-3-07 | 8-5-07 | 100 |
| 1933 | Bingham, Minnie ✓ | Spring Creek | 5-15-13 | 7-16-14 | 50 |
| 2199 | Watson, A. H. | Vermont Creek | 7-20-89 | 8-29-10 | 250 |
| 2200 | Watson, Sarah A. | Vermont Creek | 2-20-03 | 4-1-07 | 160 |
| 2533 | Bingham, Burt J. <i>Buckingham</i> | Slate Rock Spring | 9-24-13 | 9-27-13 | 50 |
| 2540 | Bingham, Minnie H. ✓ | Tourist Spring | 4-15-12 | 4-16-12 | 50 |
| 2548 | Bingham, Burt J. <i>Buckingham</i> | Willow Spring | 9-24-13 | 9-27-13 | 50 |
| 2739 | Sontmayer, Michael | Unnamed Spring | 3-26-18 | 3-28-18 | 25 |
| 2766 | Watson, Alexander | Unnamed Spring | 3-10-04 | 4-1-07 | 150 |
| 2768 | Watson, Luella | Unnamed Spring | 4-14-03 | 4-1-07 | 100 |
| | <i>Bingham MINNIE H</i> | <i>Middle Fork Beaver ✓</i> | <i>7-12-45</i> | | <i>600</i> |

State Engineer's Office

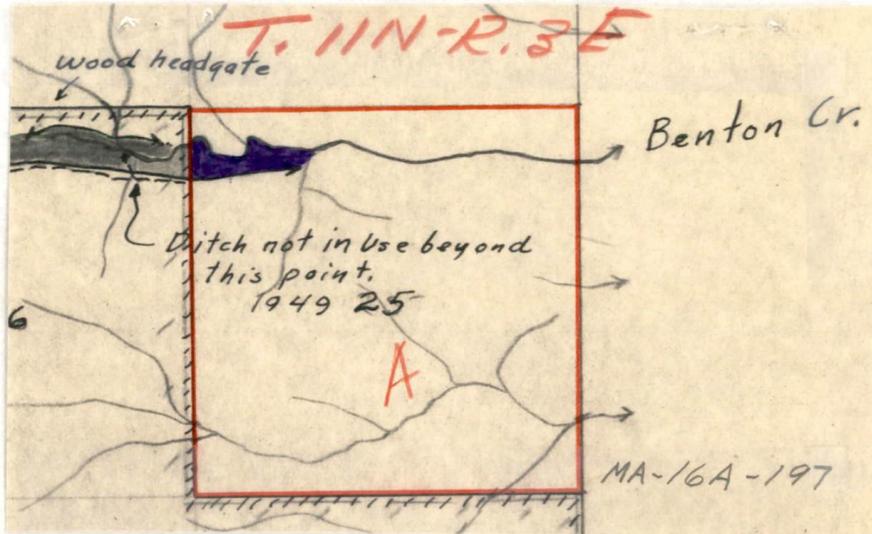
County Meagher
Code No. 25A

WATER RESOURCES SURVEY FARM MAP

Twp. 11N Rge. 3E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Manger, Clara Address _____
Name of Operator Clara & Russell Manger Address _____
Legal Description _____

 Irrigated Land  Non-Irrigated Land  Potential Land Under Existing Facilities



*Also in several other Twps.
Under Russell Manger ownership
Also in files
#50 #23
#51 #32
#43 #33
#44 #66
#52 #73*

Code No. 25A System Coleman Ditch Source of Water Benton Creek
Basin Smith River Present 0 Potential 13.0 Maximum 13.0 R F P G S
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R F P G S
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R F P G S
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R F P G S

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

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

Information from H. L. B. Date 5/25/50

Farm Checked

FORM F-1 REPORT TM 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. 4A

Area Beaver Creek

County Meagher

Date 8/11/49

T. 11N R. 3E Sec. 4

Legal Land Owner Bingham, Minnie H.

Address White Sulphur

Operator Same

Address " "

Water is delivered by:

Photo No. 16A-195

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity Ditches Pres. APPROX 60 Pot. 18.0

APPROX
60
59.0

Totals _____

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. 179-1933

Original Appropriator, Private Minnie H. Bingham App. No. 2540

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 Little Beaver Creek, Middle FK. of Beaver, Tourist Spring, + Spring Cr.

T11N-R3E

Acres Irrigated 19 49 ^{Pl. 59.0} Approx. 60 acres.

Potential Acres 18.0 Seeped _____

Explain _____

Condition of System Fair - Some ditches need cleaning

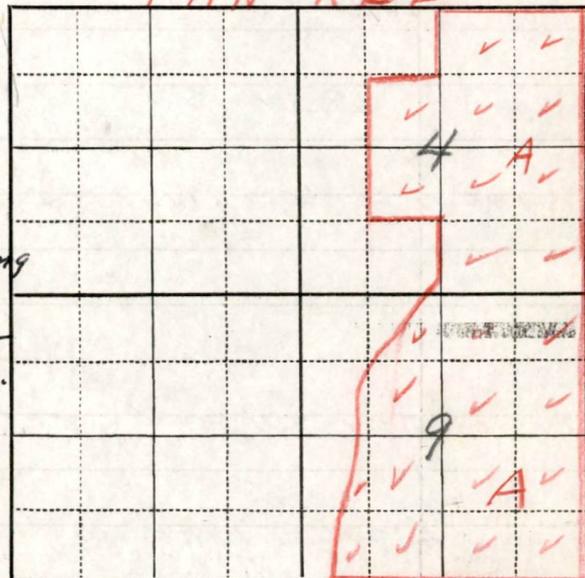
Adequate Supply..... Yes No _____

Explain Most years creeks run enough for use.

Topography Creek bottom

Information From Minnie H. Bingham

Remarks Intends to clean ditches for more beneficial use of water.



Note total acres for all Mrs. Bingham's land. Use this form for Little Beaver Cr.

Little Beaver Creek

Two short ditches head SW, SW $\frac{1}{4}$; Sec. 4
Irrigates land in SW $\frac{1}{4}$.

App. No. 179 - Filed 4/16/12 for MI 150

Minnie H.
Bingham
Little Beaver Cr.

Tourist Spring.

Ditch out of SW, NE $\frac{1}{4}$, Sec. 4 - irrigates garden
and narrow strip hay meadow.

App. No. 2540 - filed 4/16/12 for MI 50

Spring Creek. - Minnie H. Bingham - Tourist Spring

Spreader ditches takes water at ~~metal~~ ^{metal} culvert
on County road and spreads on Hay meadow.

App. No. 1933 - filed 7/16/14 for MI 50 Spring Cr.

Middle Fk. Beaver Creek. - Minnie Bingham

Ditch from middle Fk. heads SW of NW, SW $\frac{1}{4}$
Sec. 4.

Irrigates land in SW $\frac{1}{4}$.

Date App. 7/12/45 for MI 600

Note - Bingham Ranch site of old Buffalo Jump.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. _____

Area Beaver Creek

County Meagher

Date 8/11/49

T. 11N R. 3E Sec. 4

Legal Land Owner Bingham, Minnie H.

Photo No. 16A-195

Address White Sulphur

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. _____

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

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

(If No, show break down on map)

Source of Water Middle Fk. Beaver Creek

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System poor - needs cleaning

Adequate Supply..... Yes No _____

Explain cattle has been tromping ditch out

Topography Creek bottom

Information From _____

Remarks Plans to clean ditches

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See master form.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. _____

Area Beaver Creek

County Meagher

Date 8/11/49

T. 11N R. 3E Sec. 4

Photo No. 16A-195

Legal Land Owner Bingham, Minnie H.

Address White Sulphur

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditch Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. _____

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

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

(If No, show break down on map)

Source of Water Tourist Spring

Acres Irrigated 19.49

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply..... Yes No _____

Explain For garden & small hay meadow

Topography Creek bottom

Information From _____

Remarks _____

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See master form.

State Engineer's Office

WATER RESOURCES SURVEY

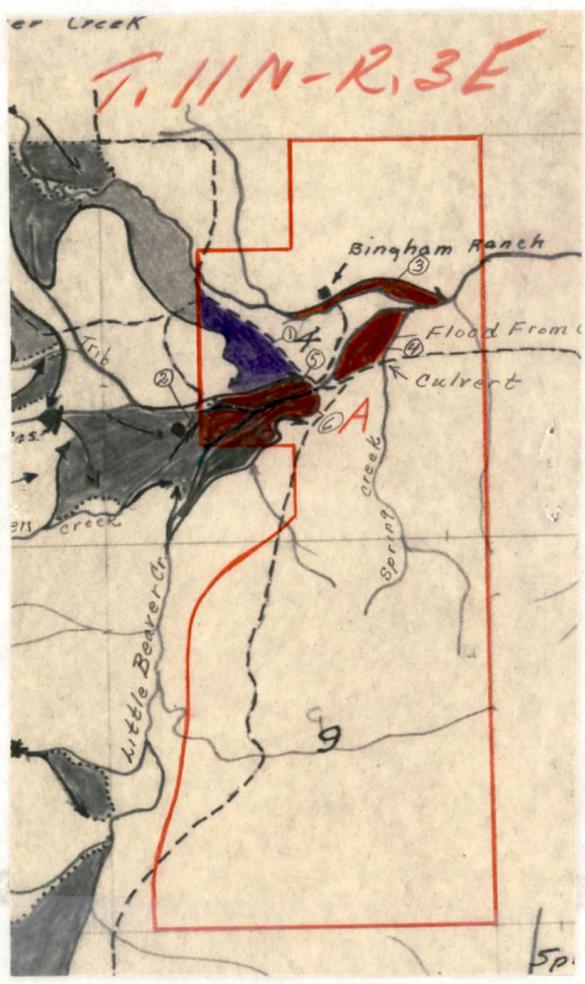
FARM MAP

County Meagher
Code No. 4A

Twp. 11N Rge. 3E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Bingham, Minnie H. 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>4A</u> | System <u>Buckingham Flood Ditch</u> | Source of Water <u>Beaver Creek</u> | Present <u>0</u> | Potential <u>18.0</u> | Maximum <u>18.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</u> | | | | | | | | | | |
| Code No. <u>4A</u> | System <u>Buckingham Flood Ditches</u> | Source of Water <u>Middle Fk. Beaver Cr.</u> | Present <u>5.0</u> | Potential <u>0</u> | Maximum <u>5.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</u> | | | | | | | | | | |
| Code No. <u>4A</u> | System <u>Bingham Ditch</u> | Source of Water <u>(Beaver Creek) & (Tourist Spring)</u> | Present <u>11.0</u> | Potential <u>0</u> | Maximum <u>11.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</u> | | | | | | | | | | |
| Code No. <u>4A</u> | System <u>(Bingham) Culvert (Flood ditches)</u> | Source of Water <u>Spring Creek</u> | Present <u>12.0</u> | Potential <u>0</u> | Maximum <u>12.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</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 H. L. B over Date 5/25/50

| | | | | | | | | | | |
|--------------------------|-----------------------------------|---|---------------------|--------------------|---------------------|-------------|-------------|-------------|-------------|-------------|
| Code No. <u>4A</u> | System <u>Bingham Flood Ditch</u> | Source of Water <u>Coulee-Trib to Little Beaver Creek</u> | Present <u>7.0</u> | Potential <u>0</u> | Maximum <u>7.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</u> | | | | | | | | | | |
| Code No. <u>4A</u> | System <u>Bingham Flood Ditch</u> | Source of Water <u>Little Beaver Creek</u> | Present <u>22.0</u> | Potential <u>0</u> | Maximum <u>22.0</u> | R. <u>✓</u> | F. <u>✓</u> | P. <u>✓</u> | G. <u>✓</u> | S. <u>✓</u> |
| Basin <u>Smith River</u> | | | | | | | | | | |
| Code No. _____ | System _____ | Source of Water _____ | Present _____ | Potential _____ | Maximum _____ | R. _____ | F. _____ | P. _____ | G. _____ | S. _____ |
| Basin _____ | | | | | | | | | | |
| Code No. _____ | System _____ | Source of Water _____ | Present _____ | Potential _____ | Maximum _____ | R. _____ | F. _____ | P. _____ | G. _____ | S. _____ |
| 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 H. L. B over Date 5/25/50

22

Farm Checked

STATE OF MONTANA

Code No. 4B, 5A,

By Dave & Joe

STATE ENGINEER'S OFFICE

County Meagher

Area Beaver Creek

WATER RESOURCES SURVEY

T. 11N R. 3E Sec. 45

Date 7/14/49

Photo No. Ma. 16A-135

Legal Land Owner Buckingham, Walter E.

Address 16A-195
White Sulphur

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity Ditches Pres. 155.0 Pot. 74.0

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 Beaver Creek, Coulee-Trib. to Little Beaver,
Middle Fk. Beaver Cr, Little Beaver Creek

Acres Irrigated 19 49, 155.0

Potential Acres 74.0 Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

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See Master Map. T 12N-R, 3E

State Engineer's Office

County Meagher
Code No. 4B, 5A

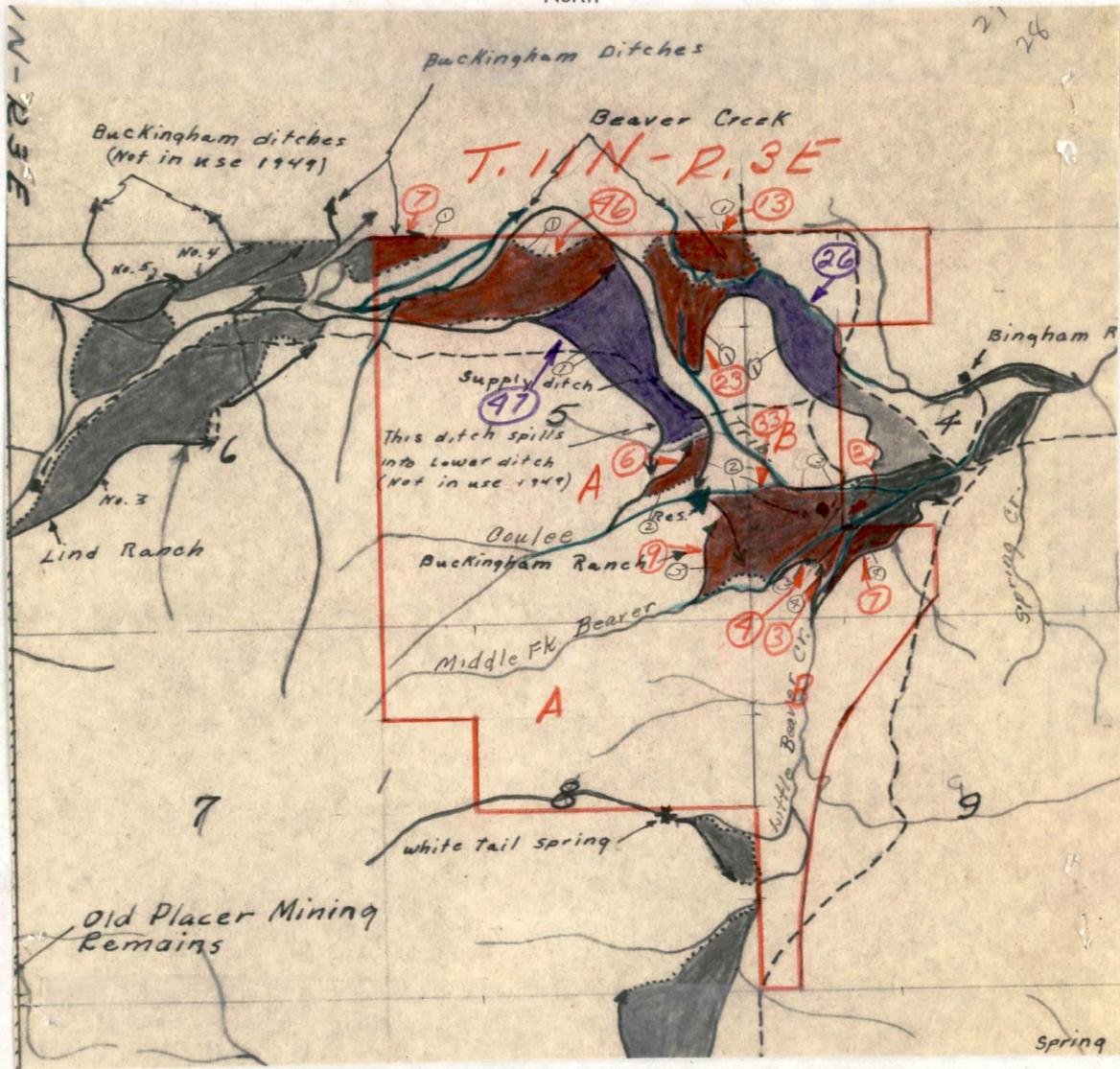
WATER RESOURCES SURVEY
FARM MAP

Twp. 11N Rge. 3E
Twp. 12N Rge. 3E
Twp. 13N Rge. 5E
12N-5E

Name of Land Owner Buckingham, Walter 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>5A, 4B</u> | System <u>Buckingham Flood Ditches</u> | Source of Water <u>Beaver Creek</u> | | | | | | |
| Basin <u>Smith River</u> | Present <u>89.0</u> | Potential <u>73.0</u> | Maximum <u>162.0</u> | R. <u>F</u> | P. <u>G</u> | S. <u>S</u> | | |
| Code No. <u>5A, 4B</u> | System <u>Buckingham Ditches</u> | Source of Water <u>(Trib. to Little Beaver Cr.) Unnamed Coullee</u> | | | | | | |
| Basin <u>Smith River</u> | Present <u>39.0</u> | Potential <u>0</u> | Maximum <u>39.0</u> | R. <u>F</u> | P. <u>G</u> | S. <u>S</u> | | |
| Code No. <u>4B, 5A</u> | System <u>Buckingham Flood Ditches</u> | Source of Water <u>Middle Fk. Beaver Cr.</u> | | | | | | |
| Basin <u>Smith River</u> | Present <u>15.0</u> | Potential <u>0</u> | Maximum <u>15.0</u> | R. <u>F</u> | P. <u>G</u> | S. <u>S</u> | | |
| Code No. <u>4B</u> | System <u>Buckingham Flood Ditches</u> | Source of Water <u>Little Beaver Cr.</u> | | | | | | |
| Basin <u>Smith River</u> | Present <u>10.0</u> | Potential <u>0</u> | Maximum <u>10.0</u> | R. <u>F</u> | P. <u>G</u> | S. <u>S</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 H. L. B. over Date 5/24/50

Farm Checked

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. R7B, 26A

Area Watson

County Meagher

Date 7/27/49

T. 11N R. 3E Sec. 26-27

Legal Land Owner Coleman, Clifton W.

Photo No. Ma-16A-197

Operator Same

Address White Sulphur

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System ← Gravity Ditches Pres. 34.0 Pot. 12.0

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ←

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Thos. W. Edwards App. No. 219

Is the system an extension of another system? Third Right Yes _____ No _____

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

(If No, show break down on map)

Source of Water Benton Gulch

Acres Irrigated 19 49 28 acres Pl. 34.0

Potential Acres 5 acres Pl. 12.0 Seeped _____

Explain By clearing

Condition of System good

Adequate Supply..... Yes ✓ No _____

Explain Always has had plenty water

Topography Creek Bottom

Information From Clifton W Coleman

Remarks Has Dozer plans to clear and ditch

Has lived here 7 years.

T. 11N - R. 3E

| | | | | | |
|--|--|----|---|----|---|
| | | | A | | A |
| | | | | | |
| | | 27 | | 26 | |
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Twp. 11 N - R. 3 E

Benton Gulch

Filing date 7/19/19 by Thos. W. Edwards
For 75 MI.

South side ditch head in NE $\frac{1}{4}$, Sec. 27
wood headgate - irrigates about 25 acres
of hay in Sec 26. - This ditch was part
of old mining claim ditch.

North side ditch heads in NE $\frac{1}{4}$, Sec 26
New wood headgate - irrigates about 3 acres
hay.

| | | | | | |
|-----|-------------------|--------------|--------|---------|------------|
| 219 | Edwards, Thos. W. | Benton Gulch | 6-1-17 | 7-19-19 | M.I. 75 |
|-----|-------------------|--------------|--------|---------|------------|

State Engineer's Office

WATER RESOURCES SURVEY

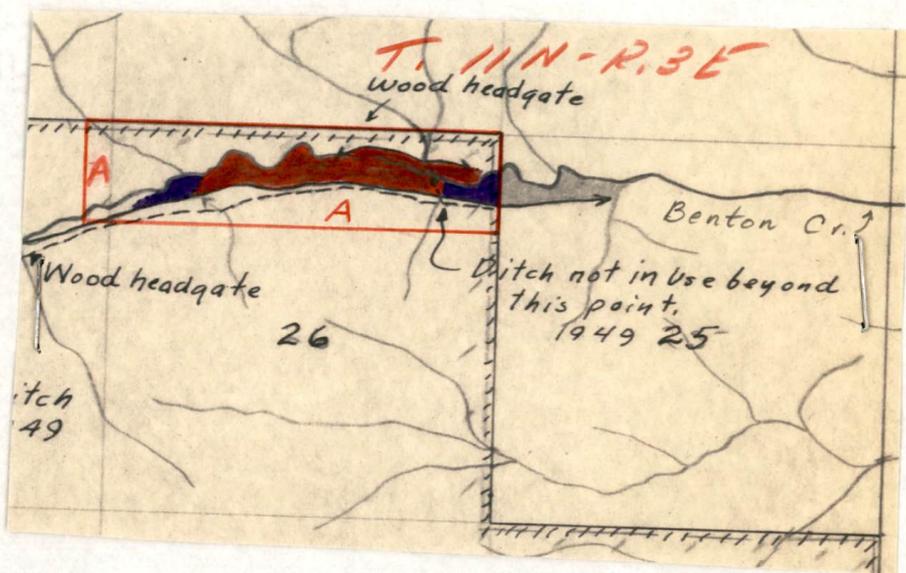
FARM MAP

County Meagher
Code No. 26A, 27A

Twp. 11N Rge. 3E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

Name of Land Owner Coleman, Clifton W. Address White Sulphur Springs
Name of Operator Same Address _____
Legal Description _____

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



Code No. 26A System Coleman Ditches Source of Water Benton Creek
Basin Smith River Present 34.0 Potential 12.0 Maximum 46.0 R F _____ P _____ G S _____
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____
Code No. _____ System _____ Source of Water _____
Basin _____ Present _____ Potential _____ Maximum _____ R _____ F _____ P _____ G _____ S _____

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

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

Information from H. L. B. Date 5/24/50

Also # 21

22

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Joe & Dave

Code No. 6A-7A

Area Beaver Creek

County Meagher

Date July 13, 49

It. ~~EN~~ R. 3E Sec. 1, 2, 12

Legal Land Owner Lind, Lydia

Photo No. 16A-155

Operator Same

Address White Sulphur

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. 140.5 Pot. 0

Totals _____

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Mary E Diehl App. No. 147-158
Harvey LaRue

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 Lind Creek - Spring Cr, and Spring - Beaver Creek

Acres Irrigated 19 49, 140.5 (for all forms)

Potential Acres 0 Seeped _____

Explain _____

Condition of System good

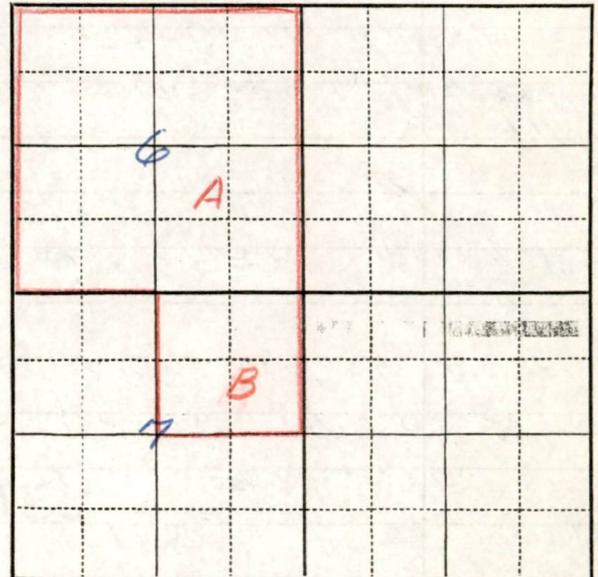
Adequate Supply..... Yes _____ No _____

Explain _____

Topography Slope to Creek bottom

Information From Fred B Lind

Remarks _____



No Filing } (Lind Creek)
 Peter Lind - Headed ditch out of spring
 about 1896 - In Sec 1 ~~11~~ Twp. ~~11~~ N-R2E
 Also ditch out of Lind Creek in sec. 2 -
 Twp. ~~11~~ N-R2E - irr. acres 33.5 ditch No. 1
 (Spring Creek)
 Ditch out of sec 12 - T. ~~11~~ N-R2E Spring Cr.
 irrigates about 12 acres.
 Note ditch out of spring in sec 1 - Twp. ~~11~~ N-R3E
 is used to supplement water to ditch
 No. one - That heads in Lind Creek.

about 1896 → No. 2 ditch heads in SW $\frac{1}{4}$ sec. ~~1~~ T. ~~11~~ N-R2E
 irrigates - 31.0 acres Lind Creek
 (Beaver Creek)
 Sec 6 - Twp 11N-R3E ditches 3, ~~4~~, ~~5~~ out
 of Beaver Cr.
 Ditch no. 3 heads sec 1 - T 11N-R2E
 in SE $\frac{1}{4}$ ~~N~~ ditch spills into draw T 11N-R3E
 draw used as ditch. - has 89 acres.
 T 11N-3E → Ditch No 4 - Point of D. in sec. 6 on North
 side of Beaver Cr. - 27.8 acres - of Spring Cr.
 Extension of North ditch - 19.4 ac.

Bartt ditch takes out of ditch no 4
 N $\frac{1}{2}$ sec 6 - Not now in use.

Note acreage on plat received from
 Lind to make copy. Shows irritable
 land.

Sec. 6
 T 11N-R3E → Ditch No 5 ~~4~~ out of Spring Cr. No 1 irr. 7 acres.

Sec. 12
 T 11N-R2E - Ditch No 6 out of Spring Cr. No 2 -

Farm Checked

STATE OF MONTANA

Code No. 1A-2A-12A

By Dave & Joe
Beaver Creek
Area 7/13/49

STATE ENGINEER'S OFFICE

County Meagher

WATER RESOURCES SURVEY

T. 11N R. 2E Sec. 1, 2, 12

Date 7/13/49

Photo No. 16A-155

Legal Land Owner Lind, Lydia

Address White Sulphur

Operator Same

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. _____

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 Lind Creek,

Acres Irrigated 19 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply Yes _____ No _____

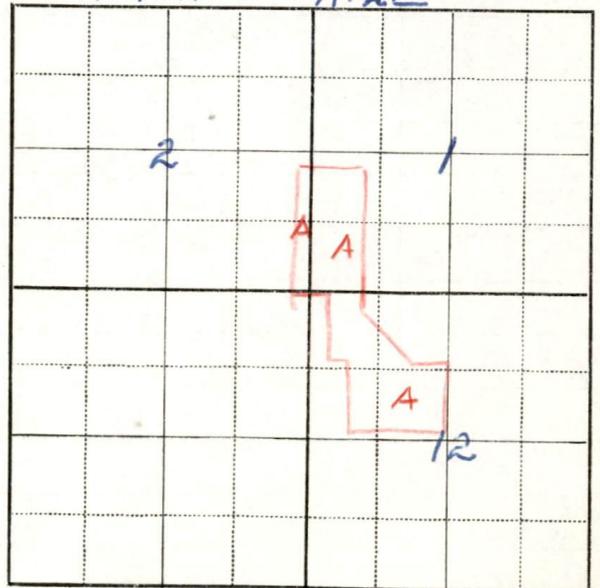
Explain _____

Topography _____

Information From _____

Remarks No 1 Ditch and No 2 Ditch

T11N - R.2E



Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. 6A

Area Beaver Creek

County Meagher

Date 7/13/49

T. 11N R. 3E Sec. 6

Legal Land Owner Lind, Lydia

Photo No. MA-16A-155

Operator Same

Address White Sulphur

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Ditch No. 5 Pres. 7 ac. 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 Spring Creek No. 1

Acres Irrigated 1949, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes _____ No _____

Explain _____

Topography _____

Information From _____

Remarks _____

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see Master Map T

State Engineer's Office

County Meagher

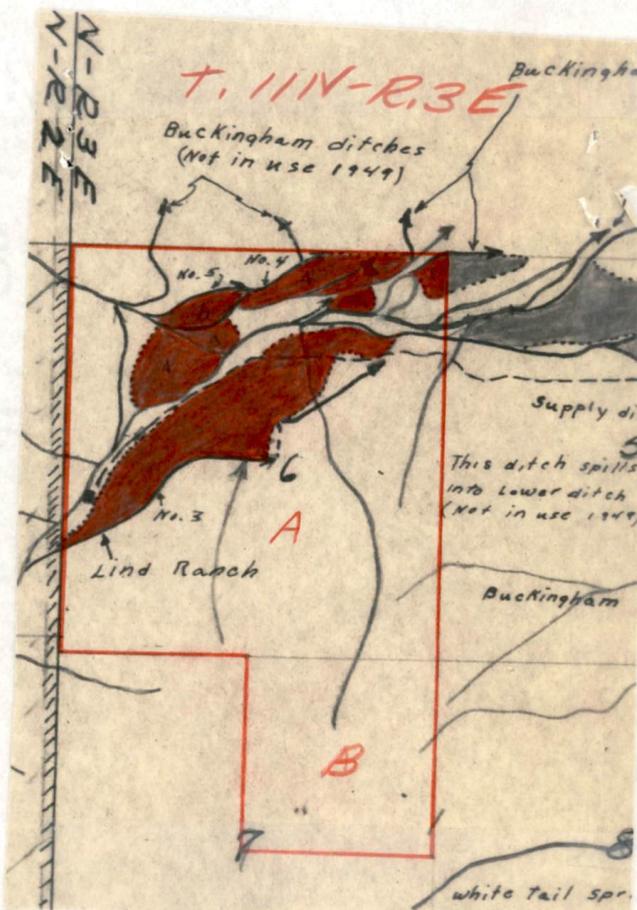
Code No. 6A, 7B

Twp. 11N Rge. 3E
Twp. 11N Rge. 2E
Twp. _____ Rge. _____

WATER RESOURCES SURVEY
FARM MAP

Name of Land Owner Lind, Lyda 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>6A</u> | System <u>Lind Ditch No. 3</u> | Source of Water <u>Beaver Creek</u> |
| Basin <u>Smith River</u> | Present <u>82.0</u> Potential <u>0</u> Maximum <u>82.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>6A</u> | System <u>Lind Ditch No. 4</u> | Source of Water <u>Spring Cr. & Beaver Cr.</u> |
| Basin <u>Smith River</u> | Present <u>45.0</u> Potential <u>0</u> Maximum <u>45.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>6A</u> | System <u>Lind Ditch No. 5</u> | Source of Water <u>Spring Cr. & Beaver Cr.</u> |
| Basin <u>Smith River</u> | Present <u>9.0</u> Potential <u>0</u> Maximum <u>9.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>6A</u> | System <u>Lind Ditch ? (Number)</u> | Source of Water <u>Beaver Creek</u> |
| Basin <u>Smith River</u> | Present <u>4.5</u> Potential <u>0</u> Maximum <u>4.5</u> | R. <u>F</u> P. <u>G</u> S. <u>S</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 H. L. B. Date 5/24/50

| | | |
|--------------------------|--|--|
| Code No. <u>6A</u> | System <u>Buckingham Ditch</u> | Source of Water <u>Beaver Creek</u> |
| Basin <u>Smith River</u> | Present <u>5.0</u> Potential <u>0</u> Maximum <u>5.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. _____ | System _____ | Source of Water _____ |
| Basin _____ | Present _____ Potential _____ Maximum _____ | R. _____ F. _____ P. _____ G. _____ S. _____ |
| Code No. _____ | System _____ | Source of Water _____ |
| Basin _____ | Present _____ Potential _____ Maximum _____ | R. _____ F. _____ P. _____ G. _____ S. _____ |
| Code No. _____ | System _____ | Source of Water _____ |
| Basin _____ | Present _____ Potential _____ Maximum _____ | R. _____ F. _____ P. _____ G. _____ S. _____ |

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

Information from H. L. B. Date 5/24/50

Farm Checked

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FORM F-1 REPORTER IM 3-49 17380
8B-18A-17A-14A-15A-
Code No. 20A-21A-22A-23A
24A-28A-29A-32A-33A

By Joe & Dave

Area Watson, P.O.

Date July 8, 49

Legal Land Owner Watson, Art

Operator Same

County Meagher
T. 11N R. 3E Sec. 8, 20, 21, 32, 33, 15, 28,

Photo No. 16A-196-197
Address White Sulphur

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity Ditches Pres. 300 Pot. 250
Approximation 107.0
344.0

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 White tail spring - Cottonwood Cr. - Deet Gulch
Landing Camp Cr. - Vermont Cr. - Beaver Dam Cr. - Benton Gulch
Spring in sec. 15

Acres Irrigated 19 49, 300 Pl. 344.0 (for all farms)

Potential Acres 250 Pl. 107.0 Seeped _____

Explain Potential by clearing

Condition of System Fair

Adequate Supply..... Yes No _____

Explain Depends on season

Topography _____

Information From Art. Watson

Remarks Watson says when needed
he just plows in a new spreader
(lateral) ditch.

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See attached
map.

(Watson Spread) Twp. 11N-Rge 3E - ~~1-10-18-18~~

Deer Gulch - Two ditches take out of Sec 20 - Follow hillside one ditch on each side of Gulch. To irrigate hay.

App. - No. 725 sec. 20, 21. APPROX. 15 ac. Barler
160 NT

(Lambing Camp Creek

Two ditches sec. 20 out of Lambing Camp Cr.

App. - No 1226 - One ditch on each side of creek - irrigates about 35 acres. A. H. Watson - 160 NT

Beaver Dam Creek.

In Sec. ~~29~~ - no App. shown.

One ditch not used for many years needs cleaning. ^{To} irrigates pasture.

Benton Gulch

^{upper ditch} Out of sec. 32 old ditch now out of use partly cut out by gold dredge and county road. Potential about 45 ac.

See Benton Gulch decree.

^{lower ditch} - heads in sec. 33 - ditch in fair condition - irrigates about 7 acres.

Vermont Creek. App. 2200 - 2199

High and low ditch out of sec 28 and runs into sec 33. ~~about~~ ^(Potential) about 10 to 15 ac. Hay and pasture. Also ditch sec 32 - not in use.

(Note) Present acreage on form of approx 300 ac. is total of all Watson irrigation

Potential of 250 acres is proposed by clearing of some timber for Hay land.

| | | | | | |
|------|------------------|---------------|---------|---------|-----|
| 2199 | Watson, A. H. | Vermont Creek | 7-20-89 | 8-29-10 | 250 |
| 2200 | Watson, Sarah A. | " " | 2-20-03 | 4-1-07 | 160 |

White Tail Spring - SE $\frac{1}{4}$, Sec 8-11N-R.3E
Watson says he filed on it between
1917 and 1920. we didn't find a filing
on it - Says it was filed under Watson Bros.

July-12, 49.

Additional information from Elmer Watson
Cottonwood Creek - Sec, 18, 17, 8 - Two ditches
One ditch heads in Sec, 17 - The other in
Sec. 18. irrigates Hay & pasture.

App. No. 639 - Alexander Nelson, Cottonwood Cr. 1-16-04 M.I.
200

Unnamed Spring - App. No. 2768 Sec. 15 -
Spring house and ditch half mile long
Elmer Watson & another fellow dug ditch
by hand - Time ditch was dug year
FRISCO Earthquake. Luella Nelson 4-14-03 100M.I.

Cottonwood Creek.

unnamed spring - App. No. 2766 - sec, 17.
Main house uses water from Spring.
Also land south of road irrigated
from Spring. Alexander Watson 3-10-04 4-1-07 150M.I.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. _____

Area Watson P.O.

County Meagher

Date 7/8/49

T. 11 N. R. 3 E Sec. 17, 18, 8

Legal Land Owner Watson, Art

Photo No. 16A-196

Operator Same

Address White Sulphur

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. _____ Pot. _____

Totals _____

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. 639

Original Appropriator, Private _____ App. No. _____

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

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

(If No, show break down on map)

Source of Water Cottonwood Creek and Springs

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Good

Adequate Supply..... Yes No _____

Explain Large part of area is spring fed.

Topography Slope & Creek Bottom

Information From _____

Remarks Land south of road into Main house irr. by spreader ditches from Creek and big spring near house.

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See Master Form.

Farm Checked

FORM F-1 REPORTER IM 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. _____

Area Watson P.O.

County Meagher

Date 7/8/49

T. 11N R. 3E Sec. 20, 21

Legal Land Owner Watson, Art.

Photo No. 16A-196

Operator Same

Address White Sulphur

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. _____ Pot. _____

Totals _____

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. 725

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 Deer Creek,

Acres Irrigated 1949, Approx 15 acres

Potential Acres _____ Seeped _____

Explain _____

Condition of System Good

Adequate Supply..... Yes No _____

Explain Enough for his hay most years

Topography Slope

Information From _____

Remarks _____

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See Master Form.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Code No. _____

Area Watson P.O.

County Meagher

Date 7/8/49

T. 11N R. 3E Sec. 20

Legal Land Owner Watson, Art

Photo No. 16A-196

Operator same

Address White Sulphur

Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Gravity ditches Pres. _____ Pot. _____

Totals _____

Flood Pump _____ Reservoir _____ Gravity

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private _____ App. No. 1226

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 Lambing Camp Creek

Acres Irrigated 19 49, Approx 35 acres.

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply Yes No _____

Explain Most years

Topography Slope & creek bottom

Information From _____

Remarks _____

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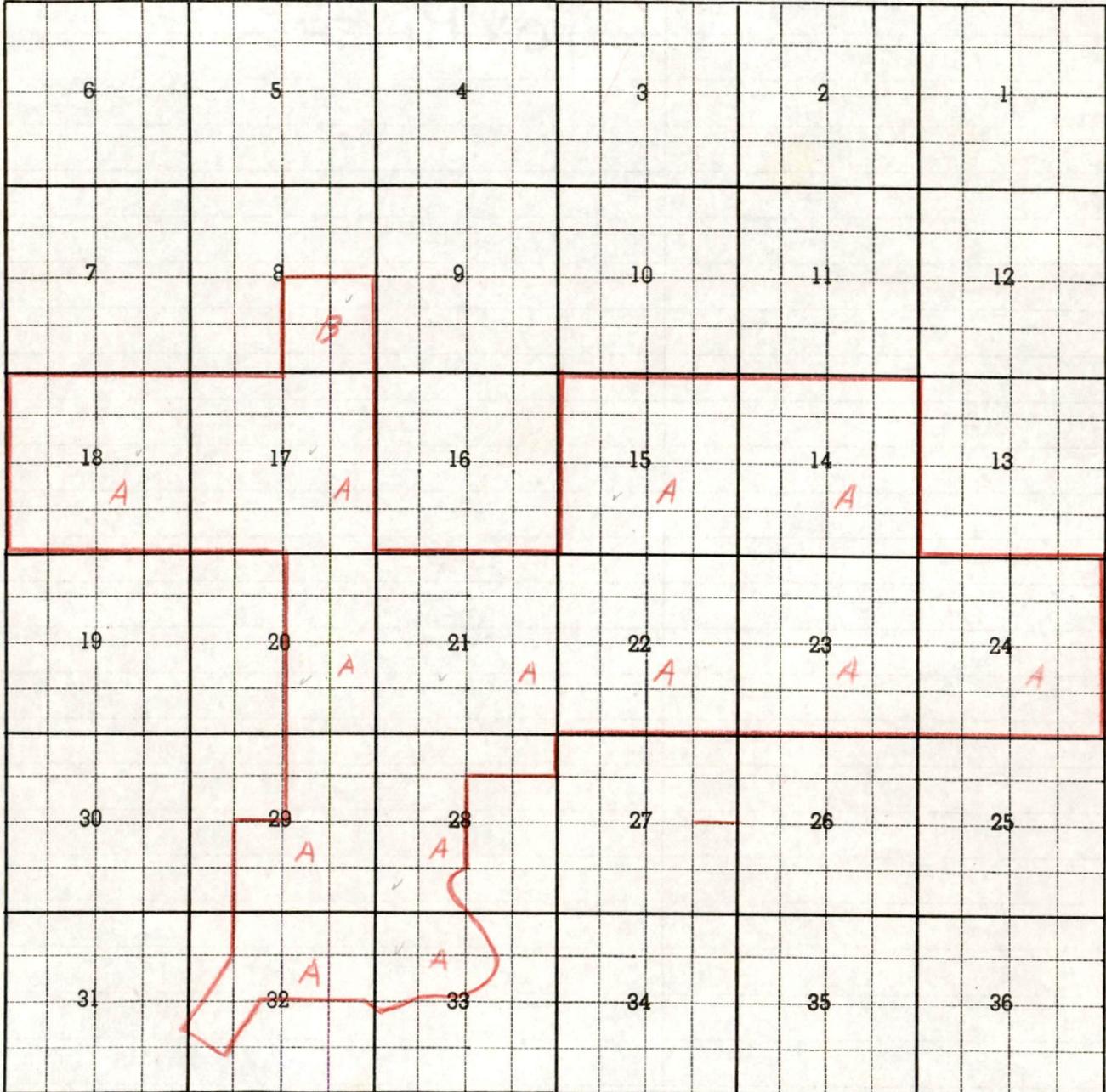
See Master Form.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 11 N Range 3 E County Meagher



Township 11 N Range 3 E

T. 11N-R. 3E

Old Placer Mining Remains

White Tail Spring

Spring
Spring, Supplemented by flood water

Cottonwood creek

Art. Watson Ranch

Deer creek

Helena National Forest Bdy.

Lambing Camp creek

Horse Creek

Wood headgate

Beaver Dam creek

N.P.R.R.

Benton Creek

Skiddo creek

Vermont Creek

Virginia Gulch
Private Ditch Not in Use 1949

Leased by Watson
Old Mining ditch
Not in use 1949

Leased by Watson?

U.S.A.

Leased by Watson?

Priest Gulch

Old Flood Ditch Not in use 1949

Watson P.O.

Gulch

Bridge Gulch

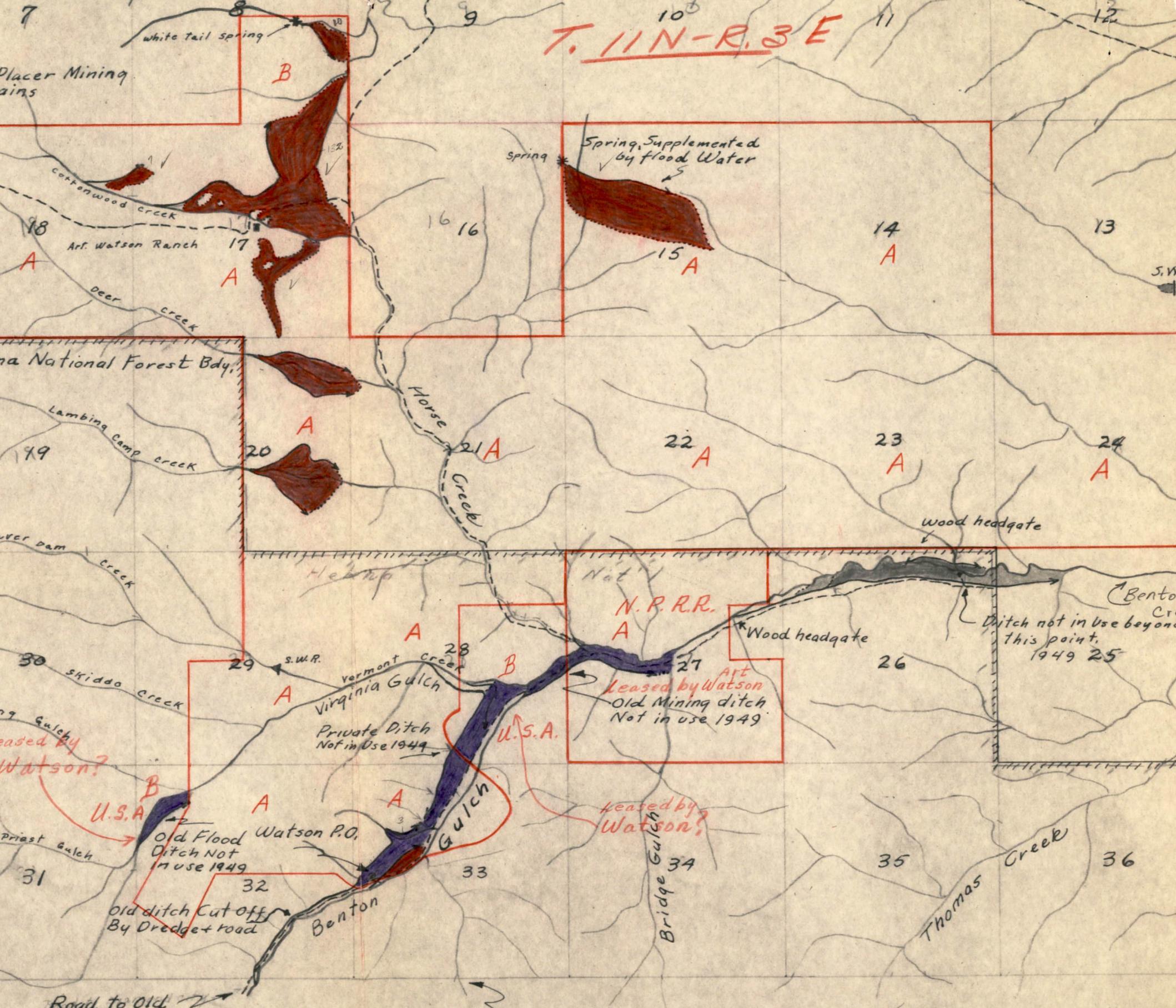
Old ditch Cut off By Dredge + road

Benton

Road to Old Diamond City Mining Camp

Kentucky Gulch

Thomas Creek



State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher

Code No. 17A, 18A-8B

14A, 15A, 20A, 21A, 22A

33A, 29A, 22A, 23A

24A, 32A

Twp. 11N Rge. 3E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner Watson, Arthur 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>8B, 17A, 18A</u> | System <u>Watson Flood Ditches</u> | Source of Water <u>Cottonwood Creek and Springs</u> |
| Basin <u>Smith River</u> | Present <u>163.0</u> Potential <u>0</u> Maximum <u>163.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>33A</u> | System <u>Watson Flood Ditch</u> | Source of Water <u>Benton Gulch</u> |
| Basin <u>Smith River</u> | Present <u>6.0</u> Potential <u>0</u> Maximum <u>6.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>15A</u> | System <u>Watson Flood Ditch</u> | Source of Water <u>Unnamed Spring</u> |
| Basin <u>Smith River</u> | Present <u>90.0</u> Potential <u>0</u> Maximum <u>90.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</u> |
| Code No. <u>2B</u> | System <u>Watson Flood Ditch</u> | Source of Water <u>White Tail Spring</u> |
| Basin <u>Smith River</u> | Present <u>10.0</u> Potential <u>0</u> Maximum <u>10.0</u> | R. <u>F</u> P. <u>G</u> S. <u>S</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 A. L. B. over Date 5/24/50

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Meagher

Code No. _____

Twp. 11N Rge. 3E

Twp. _____ Rge. _____

Twp. _____ Rge. _____

Name of Land Owner Watson, Arthur Address White Sulphur Springs

Name of Operator Same Address _____

Legal Description _____



Irrigated Land



Non-Irrigated Land



Potential Land Under Existing Facilities

North

Code No. 20A, 21A System Watson Flood Ditch Source of Water Deer Creek

Basin Smith River Present 33.0 Potential 0 Maximum 33.0 R. F P. G S. S

Code No. 20A System Watson Flood Ditch Source of Water Lambing Camp Cr.

Basin Smith River Present 42.0 Potential 0 Maximum 42.0 R. F P. G S. S

Code No. 28A, 33A System Watson Flood Ditch Source of Water Vermont Creek

Basin Smith River Present 0 Potential 19.0 Maximum 19.0 R. F P. G S. S

Code No. 33A System old Watson Flood Ditch Source of Water Benton Gulch

Basin Smith River Present 0 Potential 20.0 Maximum 20.0 R. F P. G S. S

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

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

Information from H. L. B. over Date 5/24/50

Code No. 27A (N.P.R.R.) System old Mining Ditch Source of Water Benton Gulch

Basin Smith River Present 0 Potential 22.0 Maximum 22.0 R. F P. G S. S

Code No. 28B (U.S.A.) System Watson Flood Ditches Source of Water Vermont Creek

Basin Smith River Present 0 Potential 35.0 Maximum 35.0 R. F P. G S. S

Code No. 32B (U.S.A.) System old Flood Ditch Source of Water Priest Gulch

Basin Smith River Present 0 Potential 11.0 Maximum 11.0 R. F P. G S. S

Code No. 88 System Watson Flood ditch Source of Water Whitetail Spring

Basin Smith River Present _____ Potential _____ Maximum _____ R. F P. G S. S

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

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

Information from H. L. B. over Date 5/24/50