Township [illegible] North - Range 4 East

Lots [illegible]	Owner	Operator
[illegible]a,[illegible]a	Berg, [illegible] Sidney [illegible]	
[illegible]b,3a,[illegible]	Jorgeth, Lenard J.	R. A. Lyng
17a,17[illegible],17c	Gill [illegible], [illegible] Hash	
1b,2c,11a,12a,14a, 15a,23a,[illegible]	Langer, Clara	Russell Langer
1[illegible]b,[illegible]a,[illegible]a,[illegible]a	Nader, Lester C.	
27a,4a,[illegible]a,[illegible],[illegible],[illegible] 27a,[illegible]a,2[illegible],[illegible]a,33b	Nader, Wilbur H.	Neal Teague
13a	Rankin, [illegible] D.	
33a,34a	Teague, Edward R.	

FORM 001 - GAZETTE 1063 20 1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 10 North Range 4 East County Broadwater

Township 10 North Range 4 East

Township 10 North, Range 4 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed.	M.I.
76	Felix, R. H.	Atlanta Creek	12-15-91	12-17-91	250
79	Teague, Edward R.	Atlanta Creek	11-24-20	11-24-20	160
96	Burtt, Lucius D.	Avers Creek	1-23-89	1-23-89	100
97	Gilliam, Fannie E.	Avers Creek	1-20-16	1-20-16	80
98	Johnson, T. A.	Avers Creek	7-26-83	7-27-83	100
99	Rader, Chas. T.	Avers Creek	11-7-05	6-27-06	250
379	Burt, Fletcher M.	Camas Creek	4-1-88	5-1-89	1000
381	Burt, L. D.	Camas Creek	4- 1881	1-23-89	1200
389	Griffith, Nathan	Camas Creek	3-6-05	3-14-05	160
392	Manger, Clara & Russell	Camas Creek	9-20-29	9-21-29	1000
393	Manger Vaughes	Camas Creek	11-12-26	11-26-26	2000
396	Retallick, A.	Camas Creek	9-18-02	10-4-02	140
398	Winn, Harriett M.	Camas Creek	1-6-19	2-5-19	100
807	Allen, Ira S. and Graham, Christopher	Elk Creek	4-5-02	4-11-02	3000
813	Buckingham, Nellie	Elk Creek	4-29-14	4-29-14	180
820	Gilliam, Hugh F.	Elk Creek	6-1-13	7-23-13	50
823	Jacobson, Henry	Elk Creek	6-16-16	6-16-16	80
831	Pike, Wm. A.	Elk Creek	5-23-10	5-23-10	160
835	Rader, Josephine	Elk Creek	5-2-08	10-16-08	250
836	Rader, Lester	Elk Creek	7-1-11	6-6-13	160
837	Rader, Wilbur	Elk Creek	5-2-10	5-18-10	250
1013	Kinyon, Alfred	Garden Creek	6-25-10	9-10-13	100
1014	Rodgers, Elizabeth J.	Garden Creek	11-13-13	11-13-13	100
1289	Edgar, Jas. and Helen	Meadow Creek	6-1-93	6-10-99	250
1294	Lakin, Hiram W.	Meadow Creek	7-24-11	7-24-11	200
1295	Retallick, A.	Meadow Creek	- - - -	- - - -	- - -

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
1355	Baldwin, John H.	Moose Creek	5-14-10	5-14-10	160
1356	Burtt, Gans & Klein	Moose Creek	12-29-79	12-29-79	500
1358	Gillogly, Hugh and Klewitter, Randolph	Moose Creek	6-10-10	7-11-10	500
1361	Rader, Josephine	Moose Creek	5-15-06	11-13-09	160
1362	Rader, Lester C.	Moose Creek	5-15-12	3-24-38	160
1363	Rader, Myrtle B.	Moose Creek	7-5-12	7-18-12	500
1364	Stohl, Karl	Moose Creek	9-3-15	9-3-15	160
~~1396~~					
1400	Felix, H. H.	Mule Creek	12-10-91	12-17-91	300
1401	Glasser, William	Mule Creek	6-10-14	6-30-17	160
1404	Kinyon, Mary, P.D. and Edw.	Mule Creek	6-30-08	6-30-08	250
1405	Kinyon, P. D.	Mule Creek	5-1-30	8-30-11	300
1408	Rodgers, Elizabeth	Mule Creek	10-1-11	11-13-13	100
1409	Sarter, Margaret	Mule Creek	5-1-06	9-27-06	160
1410	Teague, E. H. & Son	Mule Creek	9-1-11	6-29-12	400
1612	Ewear, Jas. and Helen	Pick Foot Creek	1-1-99	1-2-99	300
1613	Jones, Wm. M.	Pick Foot Creek	8-3-03	8-10-03	140
1614	Teague, Lottie E.	Pick Foot Creek	5-1-08	1-18-12	150
1960	Gaddis, Chas. G.	Spring Creek	8-12-32	8-26-32	100
2472	Sarter, Margaret	Dick's Gulch Spring	4-1-04	4-1-04	50
2495	Rader, Wilbur H.	Keep Cool Spring	1-23-12	2-7-12	120
2520	Burtt, Gans and Klein	Phil Miller Spring	4-29-79	4-29-79	40
2620	Gillogly, Hugh	Unnamed Spring	6-10-10	7-11-10	75
2665	Kinyon, Alfred, Mary & P.D.	Unnamed Spring	1-7-11	5-7-12	50
2717	Rader, Chas. T.	Unnamed Spring	10-3-05	10-13-05	40
2718	Rader, Wilbur	Unnamed Spring	5-2-10	5-12-10	100

No.	To Whom Decreed	Name of Stream	Date Priority	M.I.
D-2	Tearse, Edward R.	Atlanta Creek	5-1-93	50
D-5	Doggett, Howard	Ayers Creek	7-15-93	50
D-6	Doggett, Howard	Ayers Creek	7-15-93	50
D-7	Gillogly, Hugh F.	Ayers Creek	6-1-13	30
D-8	Gillogly, Hugh F.	Ayers Creek	6-1-95	30
D-9	Hallam, Oscar Trustee	Ayers Creek	6-1-98	25
D-10	Rader, Wilbur H.	Ayers Creek	5-1-97	25
D-26	Gaddis, Charles	Camas Creek	5-1-78	76
D-27	Gaddis, Charles	Camas Creek	6-15-86	380
D-28	Gaddis, Charles	Camas Creek	6-15-86	---
D-32	Hallam, Oscar Trustee	Camas Creek	7-1-78	160
D-33	Hallam, Oscar Trustee	Camas Creek	6-1-83	65
D-34	Hallam, Oscar Trustee	Camas Creek	6-1-83	50
D-35	Hallam, Oscar Trustee	Camas Creek	6-1-83	25
D-36	Hallam, Oscar Trustee	Camas Creek	6-1-85	20
D-37	Hallam, Oscar Trustee	Camas Creek	6-1-87	70
D-38	Hallam, Oscar Trustee	Camas Creek	6-1-89	75
D-39	Hallam, Oscar Trustee	Camas Creek	6-1-93	36
D-40	Hallam, Oscar Trustee	Camas Creek	6-1-98	10
D-41	Hallam, Oscar Trustee	Camas Creek	6-1-98	240
D-42	Hallam, Oscar Trustee	Camas Creek	7-1-30	---
D-43	Hallam, Oscar Trustee	Camas Creek	6-15-86	20
D-58	Rader, Lester C.	Elk Creek	9-1-11	50
D-59	Rader, Wilbur H.	Elk Creek	5-1-06	30
D-60	Rader, Wilbur H.	Elk Creek	5-1-06	40
D-62	Rader, Wilbur H.	Elk Creek	5-15-11	36

No.	To Whom Decreed	Name of Stream	Date Priority		M.I.
D-73	Rader, Wilbur	Garden Creek	7-1-[illegible]		25
D-80	Teague, Edward R.	Meadow Creek	[illegible]-1-87		25
D-83	Doggett, Howard	Moose Creek	7-1-[illegible]		---
D-85	Doggett, Howard	Moose Creek	7-15-93		50
D-86	Gilloely, Hugh [illegible]	Moose Creek	6-10-10		75
D-89	Hallam, Oscar Trustee	Moose Creek	6-1-01		60
D-91	Rader, Myrtle B.	Moose Creek	6-10-10		50
D-92	Rader, Myrtle B.	Moose Creek	7-1-1[illegible]		75
D-93	Rader, Wilbur H.	[illegible] Creek	5-1-07		50
D-96	Doggett, Howard	Mule Creek	7-15-93		50
D-97	Rader, Wilbur H.	Mule Creek	7-1-87		30
D-98	Rader, Wilbur H.	Mule Creek	5-1-08		50
D-99	Rader, Wilbur H.	Mule Creek	5-1-10		50
D-100	Rader, Wilbur H.	Mule Creek	6-1-10		40
D-101	Teague, Edward R.	Mule Creek	7-15-87		20
D-102	Teague, Edward R.	Mule Creek	6-1-10		20
D-119	Tea[illegible]	[illegible]foot Creek	5-1-87		20
D-120	Teague, Edward R.	Pickfoot Creek	5-1-10		20
D-176	Gilloely, Hugh F.	Ditch No. 1	6-10-10	Supplementary Water	
D-177	Hallam, Oscar Trustee	Natural Water Course	6-1-98		32
D-178	Hallam, Oscar Trustee	Natural Water Course	6-1-98		60
D-179	Hallam, Oscar Trustee	Natural Water Course	6-1-10		48
D-180	Rader, Wilbur H.	Dick's Gulch Spring	6-1-10		10
D-182	Gilloely, Hugh F.	Gilloely Spring	6-10-10		25

STATE OF MONTANA

State Engineer's Of

WATER RESOURCES SURVEY

FARM MAP

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

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

Land Description .....

Irrigated Land Non-Irrigated Land North

System .....

Present ..... Potential .....

System .....

Present ..... Potential .....

System .....

Present ..... Potential .....

System .....

Basin ..... Present ..... Potential .....

If under Ditch Company, Irrigation District or Government Project, state t

in said system. .....

NOTE: R—Denotes Regular Irrigation. F—Flood Irrigation. P—Water d
S—Stored Water.

Information from ..... Da

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County: .....

Code No. .....

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

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

Legal Description .....

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

North

System ..... Source of Water .....

Present ..... Potential ..... Maximum ..... R ..... F ..... P ..... G ..... S .....

System ..... Source of Water .....

Present ..... Potential ..... Maximum ..... R ..... F ..... P ..... G ..... S .....

System ..... Source of Water .....

Present ..... Potential ..... Maximum ..... R ..... F ..... P ..... G ..... S .....

System ..... Source of Water .....

Basin ..... Present ..... Potential ..... Maximum ..... R ..... F ..... P ..... G ..... S .....

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

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

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

Form WR-A
Reporter 17362 1M 2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

WATER RIGHT DATA

Name of Land Owner Doggett, Howard J. Address White Sulphur Springs

Name of Operator E. A. Lang Address "

Legal Description

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App. Date Adjudit.	Date Filed	Miner's Inches Filed On
D-5	Doggett, Howard	Avers Cr.	10-10N-4E - 30 Ac.	9-15-93		50
D-6	" "	"	30 Ac. Sec.10-3	9-15-93		50
D-22	" "	Moose Cr.	NE-11N-4E(10N-4E	9-1-93		150
D-23	" "	"	10N-4E(	9-1-93		50
D-85	" "	"	SW 3-10N-4E			
			NW-NW 10-10N-4E	9-15-93		50

2. Are these filings in use: Yes No. Explain

3. Have any of the above filings or any part of them been sold: Yes No. If yes, give amount of inches sold and to whom transferred and from what original filing

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☐ Yes. ☐ No. If yes, from whom and how many Inches, C.F.S., Acre Feet, as the case may be?

7. Give any other information that you think should be included for the protection of your water right

Information from Date

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 10/13/49

Code No. 2C, 3A, 10C

County Meagher

T. 10N R. 4E Sec. 3, 10, 2

Photo No. 15A-133

Legal Land Owner Doggett, Howard J. Address White Sulphur

Operator R. A. Lyng 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. D4, D5, D6

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 Ayers Gulch

Acres Irrigated 1949

Potential Acres ____ Seeped ____

Explain ____

Condition of System good

Adequate Supply..... Yes ✓ No. ____

Explain Most years

Topography ____

Information From ____

Remarks Storage Reservoir for supply to Camas Cr. main ditch system Also storage reservoir for stored water from Moose Cr.

T10N — R. 4E

Ayres Gulch:
Two ditches head in NE¼, Sec 9. - They head about quarter mile apart, then come together in the SW, SW¼, Sec. 3 - irrigate hay meadows in Sec. 10 & 3. At a point in the SE, NW¼ Sec. 3 part is spilled down draw to be used in ELK Creek. upper ditch has wooden hdgate ~~Lower ditch no headgate~~
One branch now out of use (washed out) did go north through Sec ~~34~~ - T11N-R4E to spill into ELK Cr. at this point it also lateraled and went east - with a potential acreage of about 5 acres.
Another ditch heads on the east bank in NW, NW¼, Sec. 10 extending northeast above hay meadow, then spilling into New large reservoir.
Reservoir
Large rock & dirt dam across deep gourge of Ayers Creek, Has metal corrugated manhole pipe at center of dam - And screw type hdgate down manhole pipe - Pipe about 3 ft. in diam. Has metal corrugated pipe through dam. About 24 inch diam & 300 ft or more long.
Location NE, SW¼, Sec. 3. - T10N-R4E

Farm Checked

FORM F-1 REPORTER 1M 3-49 17390

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Moose Creek

Date 10/13/49

Code No.

County Meagher

T. 10N R. 4E Sec.

Photo No. 15A-133

Legal Land Owner Doggett, Howard J. Address White Sulphur

Operator R. A. Lyng 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. D 83, D85, D82 D84

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 Moose Creek, S

Acres Irrigated 19__,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From [illegible]

Remarks See back of form for Doggett-Manger Ditch (Supply Ditch)

Doggett - Manger Ditch: (Supply Ditch)
Ditch heads in NE ¼, Sec 30 - T10N - R. 4E
Has a measuring weir - No headgate. Just puts in rock & dirt dam in creek when needed.
It extends northeast into Sec. 20 and spills in dry coulee to Ayers Gulch ~~for land in Sec. 20~~ This ditch also used by Lester Rader to convey his water to his land in Sec. 20, 29, 30 - T10N - R4E when available.
This ditch used by Doggett as supply ditch for storage Reservoir system
Location of res. Ayers Gulch NE, SW ¼, sec. 3 T10N - R. 4E
Irrigates hay meadow in Sec. 3 & 10.

Form WR-B
Reprint 17367 1M-2-19

Twp. Rge.
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County_____
Code No._____

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

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

North

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

If under Ditch Company, Irrigation District or Government Project, state the number of shares or inches, acre feet, as the case may be in said 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-A
Reporter 17382 1M 2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

WATER RIGHT DATA

County Meagher

Code No. 17a, b, c

Name of Land Owner Gillooly, E. Hugh Address White Sulphur Springs

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

Legal Description .....

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On
D-96	Hugh Gillooly	Moose Cr.	17-10[illegible]-13([illegible]	6-10-10		75
D-176	" "	Ditch No.1	17-10[illegible]-4E - E½	6-10-10		Suppl. Water
D-182	" "	Gillooly Sup.	17-10[illegible]-4E, lands in	6-10-10		25
820	" "	Elk Creek	17-10[illegible]-4E, NW¼	6-1-13	7-23-13	50
D-57	" "	Elk Cr.	17-10[illegible]-4E, [illegible]	6-1-13		50
D-7	" "	Avers Creek	17-10[illegible]-4E, [illegible]	6-1-13		30
D-[illegible]	" "	" "	8-10[illegible]-4E [illegible]	6-1-35		30

2. Are these filings in use: ..... Yes ..... No. Explain .....

3. Have any of the above filings or any part of them been sold: ..... Yes ..... No. If yes, give amount of inches sold and to whom transferred and from what original filing .....

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☐ Yes. ☐ No. If yes, from whom and how many Inches, C.F.S., Acre Feet, as the case may be? .....

7. Give any other information that you think should be included for the protection of your water right .....

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

Form Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/49

Code No. 17A, 17B, 17C

County Meagher

T. 10N R. 4E Sec. 17

Photo No. 15A-134

Legal Land Owner Gillogly F. Hugh 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~~ Gillogly, Hugh F. App. No. D86

Original Appropriator, Private " " App. No. Ditch No. I D176

" " — Gillogly Spring D182

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 Moose Creek and "Gillogly Spring"

Acres Irrigated 19____, _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System Needs some repair

Adequate Supply..... Yes ✓ No _____

Explain Moose Creek Good - Not much water out of Spring

Topography Mountain slopes

Information From Hugh A. Gillogly.

Remarks Had place leased during War and ditches got run down.

Number 1 Ditch:

Ditch heads on Rader, Lester land in NW, NE ¼ Sec. 30 extends northeast into Sec. 20 then spilled into dry coulee to Ayers Gulch where Gillogly has pickup ditch for irrigation in Sec 17

Gillogly Spring:

Spring located in SE ¼, Sec. 17.
No ditches Just supplements water to Ayers Gulch.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/49

Code No. 18B, 9BE

County Meagher

T. 10N R. 4E Sec 18, 9

Photo No. 15A-133

Legal Land Owner Gillogly, Hugh F. 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. 0 Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private Gillogly, Hugh F. App. No. 820, 57

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 Elk Creek

Acres Irrigated 1949, None

Potential Acres _____ Seeped _____

Explain Potential in Sec. 18, ~~8~~

Condition of System Needs repair

Adequate Supply..... Yes ✓ No _____

Explain Elk Creek Flow good

Topography Slope

Information From Hugh F. Gillogly.

Remarks Old ditch not in use for many years. But plans to put back in use.

Farm Checked

FORM F-1 REPORTER IM 3-49 17330

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/49

Code No. 9E, 17A, 17B

County Meagher

T. 10N R. 4E Sec. 9-17

Photo No. 15A-13

Legal Land Owner Gillogly, Hugh F. 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 Gillogly, Hugh F. App. No. D7-D8

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 Ayers Creek

Acres Irrigated 1949

Potential Acres ____ Seeped ____

Explain ____

Condition of System Needs some repair

Adequate Supply..... Yes ✓ No ____

Explain Continous Flow

Topography Slope & Creek bottom

Information From Hugh F. Gillogly.

Remarks Has dump ditch out of Ditch No. 1 from Moose Cr. - Dumps into Ayers Cr. - Then has pick up ditches from Ayers Creek.

Ayers Gulch

Ditch heads in SW, SW¼, Sec. 17 - Irrigates hay meadow on slopes. This ditch swings west in north part of Sec. 17 where theirs some potential land ditch needs cleaning.

Ditches on east & west banks of creek in NE, NE¼, Sec. 17. to irrigate land in Sec. 9

Two ditches heading out of dry Gulch on south line of Sec. 17 in the SW, SE¼ These ditches pick up water from Ditch No 1 and Rader ditch. Irrigate hay meadows in east half of sec. 17.

FORM D-1
REPORTER IN . 49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township [illegible] Range [illegible] County [illegible]

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

Township ..... Range .....

Township [illegible] Range [illegible] County [illegible]

Parcel Number	Name of Owner	Address
[illegible]	Illinois Power Co	[illegible] Springs

Form WR-B
Reports Water Right

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County: _____

Code No. _____

Twp. _____

Name of Land Owner _____ Address _____

Name of Operator _____ Address _____

Legal Description _____

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

North

Code _____

Code _____

Code _____

Code _____

in said system _____

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

Information from _____ Date _____

Form WR-B
Reprinted 1969

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 .....

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

North

Code No. ..... System ..... Source of Water .....

Basin ..... Present ..... Potential ..... Maximum ..... R. ..... F. ..... P. ..... G. ..... S. .....

Code No. ..... System ..... Source of Water .....

Basin ..... Present ..... Potential ..... Maximum ..... R. ..... F. ..... P. ..... G. ..... S. .....

Code No. ..... System ..... Source of Water .....

Basin ..... Present ..... Potential ..... Maximum ..... R. ..... F. ..... P. ..... G. ..... S. .....

Code No. ..... System ..... Source of Water .....

Basin ..... Present ..... Potential ..... Maximum ..... R. ..... F. ..... P. ..... G. ..... S. .....

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

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

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

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

Twp. [illegible] Rge. [illegible]
Twp. [illegible] Rge. [illegible]
Twp. [illegible] Rge. [illegible]

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County [illegible]
Code No. [illegible]

Name of Land Owner [illegible] Address [illegible]
Operator [illegible] Address [illegible]

☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

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

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 [illegible]

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

Information from [illegible] Date [illegible]

Form WR-A
Reporter 17362 1M 2-49

S

State

WAT

W

Name of Land Owner [illegible]

Name of Operator [illegible]

Legal Description [illegible]

1. Our records show that the following water rights were fi

Code	Name of Appropriator	Stream

2. Are these filings in use: [illegible] Yes [illegible] No. Explc

3. Have any of the above filings or any part of them been ferred and from what original filing [illegible]

4. I have the following water rights that the State Engine

Name of Appropriator	Stream

5. In addition, I have an irrigation system on which no

Name of First User	Date of Fi

6. Do you buy supplemental water? ☐ Yes ☐ No. I

7. Give any other information that you think should be inc

Information from [illegible]

Form WR-A
Reporter 17382 13M 2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

WATER RIGHT DATA

County.....
Code No.....

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

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

Legal Description.....

.....

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

2. Are these filings in use:.....Yes.....No. Explain.....

.....

3. Have any of the above filings or any part of them been sold:.....Yes.....No. If yes, give amount of inches sold and to whom transferred and from what original filing.....

.....

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☐ Yes. ☐ No. If yes, from whom and how many Inches, C.F.S., Acre Feet, as the case may be?.....

.....

7. Give any other information that you think should be included for the protection of your water right.....

.....

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

Code No.	Name of Appropriator	Land Description	Date of Priority	M.I.
D-32	Hallan, Oscar, Trustee	10N-4E -160 Ac.in Sec.14,15,23		
		11-10N-4E - S½	7-1-78	160
D-33	" " "	14-10N-4E - NE¼NW¼ (65A)		
		11-10N-4E - E½SW¼,SE¼NW¼,SW¼SE¼	6-1-83	65
D-34	" " "	11-10N-4E - 50 Ac. in W½	6-1-83	50
D-35	" " "	11-10N-4E - E½NW¼ (25A)		
		2-10N-4E - SE¼SW¼	6-1-83	25
D-36	" " "	23-10N-4E - 10.6 Ac.SE¼SW¼	6-1-85	20
D-37	" " "	11-10N-4E - NW¼		
		2-10N-4E - E½SW¼ (60 Ac.)	6-1-87	70
D-38	" " "	12-10N-4E - 40 Ac.in SW¼	6-1-89	75
D-39	" " "	14-10N-4E - W½	6-1-98	36
D-40	" " "	26-10N-4E - 4.4 Ac.in W½NW¼	6-1-98	10
D-41	" " "	10N-4E - Lands in Sec.1,2,11,12	6-1-28	240
D-42	" " "	12-10N-4E - 500 Acres	7-1-30	600
D-43	" " "	2-10N-4E - 10 Acres	6-15-36	20
D-80	" " "	2-10N-4E - 40Ac. in S½SE¼	6-1-01	60
D-9	" " "	Ayers Cr. 2-10N-4E - 22 Ac.in S½	6-1-98	25
D-177	" "	Natural Water		
		Course 2-10N-4E - 31.4 Ac.	6-1-98	32
D-178	" " " "	2-10N-4E - 60 Ac.in S½	6-1-98	60
D-179	" "	Ravine in Sec.14 - 2-10N-4E - S½SW¼,SW¼SE¼	6-1-10	48
392	Manger, Clara & Russell	Cache Cr. 1-10N-4E - S½		
		11-10N-4E, Part of		
		2-10N-4E - E½SE¼	2-20-29	1000
393	Manger Ranches	" " 10 & 11-10N-4E	11-12-26	2000
372	Burt, Fletcher M.	" " 14-10N-4E - W½,NE¼	4-1-88	1000
381	Burt, L.D.	" " 14-10N-4E, Parts of	4 - 1881	1200
389	Griffith, Mathew	" " 12-10N-4E - E½E½	3-6-05	160
392	Wing, Harriet M.	" " 2-10N-4E - Lot 4, SE¼SE¼	1-6-19	100
2356	Burtt, Gene & Klein	Moose Cr. 10N11-10N-4E	12-29-78	500
2520	" " "	Hail Miller Spg. 10N-4E - Land in Sec.10&11	4-29-79	40

Form Checked

FORM F-1 REPORTER 1M 3-49 17540

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/22/49

Code No. 1B, ~~2B~~ 2C, 11A, 12A, 14A, 15A, 23A

County Meagher 14, 15, 23

T. 10N R. 4E Sec. 1, 12, 2, 11

10N - 5E

Photo No. 15A-86-85

Legal Land Owner Manger, ~~Russell~~ Clara Mrs. Address White Sulphur

Operator (Forman) Ray Snider (Burtt Ranch) Address " "

Water is delivered by: op. Russell Manger

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. ____

Natural water Course — D177-D178-D179

Original Appropriator, ~~Company~~ ____ App. No. D44

Original Appropriator, Private ____ App. No. D32, to D43 incl.

Clara & Russell Manger — App. No. 392, 393 377.

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

Phil Miller Spring — D184 381, 3[illegible] 398

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

(If No, show break down on map)

Source of Water Camas Creek

Acres Irrigated 1949 ____

Potential Acres ____ Seeped ____

Explain ____

Condition of System good

Adequate Supply ..... Yes ✓ No ____

Explain Most years

Topography Beach sand Creek bottom

Information From Ray Snider

Remarks This year they say Camas Cr. became low on water by mid summer Most years has very good flow.

Camas Creek: T10N-R4E

Ditch on west bank in NE, NW¼, sec. 23
Wooden headgate in need of repair.
this ditch extends northwest into Sec. 14 about ⅛ mile of south line it branches - one branch going northwest around hay meadow and it goes into Sec. 15 through the northeast corner of 15 then into Sec. 11 where it spills into draw. ~~Then it is~~ Then short distance down draw it is picked up again, then extending through 11 into Sec. 2.
The other branch extending through meadows Sec. 14 into S. 11 - Hay meadows.
Another ditch about half mile long in Sec. 11 heads on west bank about center of Sec. that irrigates parks in creek bottom.
And a Ditch heading out of channel near south line of Sec. 2. it crosses the Doggett ditch by wooden flume about 90ft long. then runs ~~parallel~~ parallel to the Doggett Ditch to center line Sec. 2.
Ditch on east bank NE, NW¼, sec. 11 wooden headgate ditch coming from creek bottom on to bar, irrigates wild hay in south half of Sec. 1.
Another ditch heads in SE, SW¼, sec. 14 with wooden headgate, this ditch laterals and irr. some land in Cr. bottom. Main ditch going on to bar, where it branches into 5 main laterals that irrigate land in Sec. 12 & 1

Farm Checked

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

By [illegible]

Area [illegible]

Date [illegible]

Code No. [illegible]

County [illegible]

T. [illegible] R. [illegible] Sec. [illegible]

Photo No. [illegible]

Legal Land Owner [illegible] Address [illegible]

Operator ..... Address .....

Water is delivered by:

Federal Project ..... Pres. ..... Pot. .....

Ditch Company ..... Pres. ..... Pot. .....

Irrigation District ..... Pres. ..... Pot. .....

Private System [illegible] 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 [illegible]

Acres Irrigated 19 [illegible]

Potential Acres ..... Seeped .....

Explain .....

Condition of System [illegible]

Adequate Supply — Yes [illegible] No .....

Explain [illegible]

Topography .....

Information From .....

Remarks .....

[illegible]

[illegible]

[illegible] on [illegible] [illegible]
[illegible] to [illegible] South,
[illegible] [illegible] [illegible] Southeast
[illegible] [illegible] center South
[illegible] [illegible] South

[illegible] [illegible] [illegible] [illegible]
[illegible].

[illegible] [illegible] South [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

Form Checked

By Duke Kelsoe

Area Camas Creek

Date 9/22/49

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 14A, 23A

County Meagher

T. 10N R. 4E Sec. 23, 14

Photo No. 15A-134-85

Legal Land Owner Manger, ~~Ray~~ Clara Mrs. Address White Sulphur

Operator Ray Snider (Former) Address " "

op. Russell Manger

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. D 88 - 56

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 Moose Creek

Acres Irrigated 1949, Approx. 80

Potential Acres ____ Seeped ____

Explain ____

Condition of System ____

Adequate Supply ..... Yes ✓ No ____

Explain Most years - see remarks

Topography Creek bottom

Information From Ray Snider

Remarks Most years this creek has plenty water this year it got quite low.

Moose Creek:

Ditch heads SW, SW ¼, Sec. 23 - No headgate
ditch cuts across mouth of Moose Cr.
Ditch extends north through Sec 23 and into
Sec. 14 about quarter mile.
Irrigates approx. 80 acres hay meadows.

Form Checked

FORM F-1 REPORTER 1M 3-49 17360

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Ayers ~~Creek~~ Creek

Date 9/22/49

Code No. 9B, 8C

County Meagher

T. 10N R. 4E Sec. 9

Photo No. 15A-133

Legal Land Owner Manger Clara Mrs. Address White Sulphur

Operator Ray Snider (Former) Address " "

Op. Russell Manger

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. ____

O al Appropriator, Company ____ App. No. ____

Original Appropriator, Private ____ App. No. D9-D78

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 ~~Ayers~~ Moose Creek & (Doggett-Manger Ditch)

Indiana Gulch (extention of upper Moose Creek) Ayers Creek.

Acres Irrigated 1949 none

Potential Acres P/L Seeped ____

Explain ____

Condition of System Poor needs cleaning

Adequate Supply..... Yes ✓ No ____

Explain Most years

Topography Creek bottom

Information From ____

Remarks ____

Doggett-Munger Ditch:
Ditch heads in NE¼, Sec. 30-T 10 N-R. 4E - Has a measuring weir - No headgate. Just puts in rock & dirt dam in creek when needed.
It extends northeast into Sec. 20 and spills in dry coulee to Ayers Gulch for land in Sec. 9 - Ditch (not in use at present)
This same ditch also used by Lester Rader to convey his water to his land in Sec. 20, 29, 30 T. 10N - R. 4E - When needed.

Very old ditch in NW, NW¼, Sec. 21 - extending northeast along Indiana Gulch through Sec. 16 into 15, This ditch is (washed out) in many places.
Trace of another old ditch in the SE, SW¼ Sec. 16 extending northeast ~~into 5~~ along Indiana Gulch into Sec. 15 (out)
Trace of ditch that may be originally headed in the NE¼, Sec. 29 and extending through Sec. 21 where it flumed Indiana Gulch then through Sec 16 into Sec 10 - This old ditch probably pertains to Decree 78

FORM 3-1
REPORTER IM 1-42 1-53

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township Range County

Township Range

Land Under Existing Facilities

Airline

Under Existing Facilities

Doggett Ditch

Doggett Res.

W. Rader ditches

W. FLUM ditch #21

DOGGETT DITCHES

South side D. Manger

North side ditch (Gillogly)

W. Rader ditch #4

TRACE OF OLD DITCH (NOT IN USE)

Indiana Cr. Ditch (Manger)

Indiana Creek

Ditch #17 (Manger)

Moose Cr. Ditch (Manger)

Ditch #20 (Manger)

upper Moose Cr. Ditch or #3

W. Rader D.

Upper Moose Creek Ditch or #3

Dick's Gulch SPRING

Garden Cr.

W. Rader ditches

Spring & Res. (W. Rader)

KINNON DITCH (W. Rader)

Mule Creek

Teague Ditches

Meadow Creek

Pickpole Creek

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

Twp. Rge.
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County
Code No.

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

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

North

Also in file
#50
#51
#43
#44
#52
#22

Now Dry
#66
#73

Code No. [illegible] System Manger Ditch Source of Water Manger Creek
Basin South River Present 0 Potential 15 Maximum 13 R.✓ F. P. G. S.
Code No. 6.A (Stated) System Manger Ditches Source of Water
Basin South River Present 0 Potential 12 Maximum 12 R. F. P. G. S.
Code No. 16.A (Stated) System Gallery Ditch Source of Water Manger Creek
Basin South River Present 0 Potential 3 Maximum 3 R.✓ F. P. G. S.
Code No. 2.A.2 System MANGER DITCH Source of Water GARDEN CREEK
Basin South River Present 0 Potential 3 Maximum 3 R.✓ F. P. G. S.

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

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

Information from H. P. B. Date 2/11/51

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

Twp.....Rge.....
Twp.....Rge.....
Twp.....Rge.....

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County.....
Code No.....

Name of Land Owner..... Address.....
of Operator..... Address.....
Section.....

Non-Irrigated Land

Potential Land Under Existing Facilities

North

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

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

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

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

Form WR-B
Reporter 17362 1M-2-46

Twp. ..... Rge. .....
Twp. ..... Rge. .....
Twp. ..... Rge. .....

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County.....
Code No.....

Owner..... Address .....
..... Address .....
.....
.....

Non-Irrigated Land
North

Potential Land Under Existing Facilities

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

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

#32

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/49

Code No. 19A, 20A, 29B, 30A

County Meagher

T. 10N R. 4E Sec. 19, 20, 29, 30

Photo No. 15A-134

Legal Land Owner Lester C. Rader 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 Myrtle B. Rader App. No. D 91-D 92

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 Moose Creek

Acres Irrigated 1949, ~~Approx. 90~~

Potential Acres 200 Seeped ____

Explain Potential would be for grass land

Condition of System good No headgate, just dirt & rock dam when needed

Adequate Supply..... Yes ✓ No ____

Explain Very good until mid summer then is a little low.

Topography Mountain slopes

Information From Lester C. Rader

Remarks Plans more hay and less grain next year, plans to irrigate about 90 acres.

Moose Creek:

Rader Ditch heads in SE, NW¼, Sec. 30 - T 10 N - R. 4 E
At crossing of Forest Trail between Benton Gulch & Thompson Gulch — Has no headgate Just puts in rock & dirt dam in creek when needed. It runs through forest into clearing just north of house, then into SE¼, Sec 19 runs into Ditch No 1. extending into Sec. 20 where it branches, one branch going northwest to spill into Ayers Gulch.
The other branch extends northeast, part spills into dry Gulch where Gillogly, Hugh who lives below picks up from there.
→ Number 1 ditch heads in NW, NE¼, Sec 30 extends northeast into sec. 20. then into dry coulee to Ayers Gulch where Hugh Gillogly picks it up. This ditch number 1 was decreed to Gillogly.

Doggett - Manger ditch:
Ditch heads in NE¼, Sec. 30 - T 10 N - R. 4 E - Has a measuring weir - No headgate. Just puts in rock & dirt dam in creek when needed.
It extends northeast into Sec. 20 and spills in dry coulee to Ayers Gulch for land in Sec. 9 Manger's land.
This ditch also used by Rader, Lester to convey his water to his land in Sec. 20, 29, 30 - T 10 N - R. 4 E when ~~[illegible]~~ available.

Farm Checked

By Dave & Joe

Area Camas Creek

Date 9/21/49

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 18A

County Meagher

T. 10N R. 4E Sec. 18

Photo No. 15A-134

Legal Land Owner Rader Lester C. 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 Rader, Lester C. App. No. D58

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 Elk Creek

Acres Irrigated 1949, none

Potential Acres 40 acres Seeped ____

Explain ____

Condition of System ditch needs cleaning

Adequate Supply..... Yes ____ No ✓

Explain Not enough water

Topography Mountain Slope

Information From Lester C. Rader

Remarks Mr. Rader says as he has only 50 M.I decreed him, and as he has to carry it by ditch for a mile & half or so that he does not have enough water.

Elk Creek.
Ditch heads in NE¼, sec. 24 T 10N-R.3E
This ditch (not in use)

FORM D-1
REPORTER IM 7-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

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

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

Township ..... Range .....

Township [illegible] Range [illegible] County [illegible]

Parcel Number	Name of Owner	Address
110-19-204	[illegible]	[illegible] Springs
[illegible]		

Form WR-B
Reporter 17362 1M-2-46

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Twp. Rge.
Twp. Rge.
Twp. Rge.

County
Code No.

Name of Land Owner Address
Name of Operator Address
Legal Description

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

North

Code No.
Basin..
Code No.
Basin..
Code No.
Basin..
Code No.
Basin..
If ur
in said sysen
NOTE

Information f

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

Twp. 10 N Rge. 4 E
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

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

If under Ditch Company, Irrigation District, or Government Project, state the number of shares or inches, acre feet, as the case may be in said 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-A
Reporter 1/382 1M 2-49

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

WATER RIGHT DATA

County Meagher
Code No.

Name of Land Owner Rader, Milber H. Address White Sulphur Springs

Name of Operator Neal Teague Address " " "

Legal Description See Map

1. Our records show that the following water rights were filed on the above described land:

Code	Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On
	See List Attached					

2. Are these filings in use: ....Yes.... ....No. Explain....

3. Have any of the above filings or any part of them been sold: ....Yes.... ....No. If yes, give amount of inches sold and to whom transferred and from what original filing....

4. I have the following water rights that the State Engineer's Office have not shown in the above list:

Name of Appropriator	Stream	Land Description	Date App.	Date Filed	Miner's Inches Filed On

5. In addition, I have an irrigation system on which no recorded filing was ever made.

Name of First User	Date of First Use	Stream	Place of Use

6. Do you buy supplemental water? ☐ Yes. ☐ No. If yes, from whom and how many Inches, C.F.S., Acre Feet, as the case may be?....

7. Give any other information that you think should be included for the protection of your water right....

Information from.... Date....

Code No.	Name of Appropriator	Stream	Land Description	Date of Priority	M.I.
9	Hallam, Oscar Trustee	Ayers Cr.	9-10N-4E- 22 Ac. in S½	6-1-98	25
10	Rader, Wilbur H.	"	9-10N-4E - E½	5-1-07	25
59	" "	Elk Cr.	4-10N-4E- 26.8 Ac.in E½	5-1-06	30
60	" "	"	" - 36 Ac. in S½	"	40
62	" "	"	9-10N-4E - 18Ac. in NW¼	5-15-11	36
73	Rader, Wilbur	Garden Cr.	27-10N-4E-NW¼,W½SW¼,NESW¼	7-1-89	25
93	Rader, Wilbur H.	Moose Cr.	4-10N-4E - E½	5-1-07	50
97	" " "	Mule Cr.	27-10N-4E- NW¼,W½SW¼,NE¼SW¼ 28-10N-4E - N½,SW¼ 29-10N-4E E½SW¼,SE¼,E½NE¼,SWNE¼,SENW¼ 32-10N-4E N½NE¼,SENE¼,NESW¼ 33-10N-4E N½N½	7-1-87	30
98	" " "	"	32-10N-4E- N½NE¼,SENE,NENW	5-1-08	50
99	" " "	"	32-10N-4E- N½NE¼,SENE,NENW	5-1-10	50
100	" " "	"	10N-4E. Land in Sec.27,28,29,32,33	6-1-10	40
139	" " "	Dick's Gulch Spg.	28-10n-4E,N½,SW¼,E½SE¼,NWSE	6-1-10	10
1401	Glasser, William	Mule Cr.	32-10N-4E- Pt.NW¼,Pt.NE¼	12-1[illegible]-91	300
1404	Kinyon, Mary, P.D. & Edw.	"	28-10N-4E, All less 40Ac. 33-10N-4E, N½N½,S½N½	6-30-08	250
1405	Kinyon, P.D.	"	27-10N-4E, Pts. of 28-10N-4E,All less 40Ac.	5-1-80	300
2495	Rader, Wilbur H.	Keep Cool Spg.	4-10N-4E- All	1-23-12	120

Form Checked

By Dave & Joe

Area Camas Creek

Date 9/14/49

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 27A

County Meagher

T. 10N R. 4E Sec. 27

Photo No. 15A-134

Legal Land Owner Wilbur H. Rader Address White Sulphur

Operator Neal Teague 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~~ Wilbur H. Rader App. No. D73

Original Appropriator, Private Unnamed springs App. No. D187-D188

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 Garden Creek, and Unnamed Springs

Acres Irrigated 1949, about 20 acres

Potential Acres ____ Seeped ____

Explain ____

Condition of System Good

Adequate Supply ..... Yes ✓ No ____

Explain from early spring until mid July

Topography Creek bottom

Information From Wilbur H. Rader

Remarks Late summer this land is supplemented with water from Mule Creek

Garden Creek.

Ditch heads in SE¼, Sec. 28 extends east and north up a draw then southeast into sec. 27 and irrigates hay meadows in creek bottom.

Another ditch heads NW, SW¼, Sec. 27 and irrigates garden & hay meadow in Sec. 27

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/49

Code No. 4A

County Meagher

T. 10N R. 4E Sec. 4

Photo No. 15A-133

Legal Land Owner Wilbur H. Rader Address White Sulphur

Operator Rodger B. Rader 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 Wilber H. Rader App. No. D 93-D10-[redacted]

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 Moose Creek, Ayers Creek

Acres Irrigated 1949 _____

Potential Acres _____ Seeped _____

Explain _____

Condition of System _____

Adequate Supply..... Yes ✓ No _____

Explain Moose Cr especially good

Topography _____

Information From Wilbur H Rader

Remarks _____

Supply ditch from Moose Creek to ELK CR.
Ditch heads in NE ¼, Sec. 29 runs through
sec. 21 flumes ~~Atlanta Creek~~ Indiana Gulch then into
SW, SW ¼, Sec. 16 and into draw of Ayers Gulch
then is picked up by ditch in the SW, NE ¼
Sec. 9 Ditch extends northeast into sec. 3
then southwest into sec 4. to irrigate
hay meadows.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe Camas

Area Elk Creek

Date 9/14/49

Code No. 8A, 8B, 9D, 4A

County Meagher

T. 10N R. 4E Sec. 8, 9, 4

Photo No. 15A-133

Legal Land Owner Wilbur H. Rader Address White Sulphur

Operator Rodger R. Rader 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 S.W. → Wilbur H. Rader App. No. 2495

Original Appropriator, Private Wilbur H. Rader App. No. D59-60-61-62

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 Elk Creek

Acres Irrigated 1949, about

Potential Acres ____ Seeped ____

Explain ____

Condition of System good

Adequate Supply..... Yes ✓ No ____

Explain Continuous Flow most years

Topography Slope & Creek bottom

Information From Wilbur H Rader

Remarks In Sec 4 - on east side of Elk Cr. Supplemented by Moose Cr. And Ayers Cr. water.

250

ELK Creek.

Ditch heads SE¼, Sec 7 - Potential land in Sec 8 & 9 (Not in use at Present).

Ditch heads on south line of Sec 4, SE, SW¼. extends northeast - irrigates Creek bottom hay meadows. on east side of ELK Cr.

Another ditch heads on east bank NW, SE¼ Sec. 4 and goe's to north line of Sec. 4.

And ditch on West bank heads in SW, SE¼ Sec 4 runs north to north line of Sec. 4 irrigates bench slope to Creek.

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area Camas Creek

Date 9/14/47

Code No. 27A, 28A, 29A, 32A 33B

County Meagher 33, 32.

T. 10N R. 4E Sec. 27, 28, 29

Photo No. 15A-134

Legal Land Owner Wilbur H. Rader Address White Sulphur

Operator Neal Teague 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. Dicks Gulch spring - D180

Original Appropriator, ~~Company~~ Wilbur H. Rader App. No. D97-98-99-100

Original Appropriator, Private Kinyon App. No. 1404-1405

Glapper 1401

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 Mule Creek

Acres Irrigated 1949

Potent. Acres ____ Seeped ____

Explain ____

Condition of System Good

Adequate Supply..... Yes ✓ No ____

Explain ~~[illegible]~~ Continuous Flow

Topography ____

Information From Wilbur H. Rader

Remarks Late summer Mule supplements water to Garden Creek.

Dicks Gulch Spring.

~~Ad~~ Decreed to Wilbur H. Rader - For 10 M.I. for land in Sec. 28

This spring also irrigates some land as does ditch out of Mule Creek.

Ditch heads in NE¼, Sec. 33 extends through NW¼, Sec. 34 & SW¼, Sec. 27 into SE¼, Sec 28 Irrigates land land in Sec 27, 28 also supplements irrigation on garden creek.

Ditch heads in NW¼, Sec. 32 extending in a northeasterly direction and branching into 4 ditches ~~two~~ called the Kinzon Ditches irrigates land in Sec. 29, 28, 33.

One ditch called the Glasser Ditch (Not in use) one is a supply ditch extending north into Sec. 29 and flumes ditch out of a reservoir in Sec. 29 and spills into Moose Cr.

FORM D-1
REPORTER IM 3-49 17279

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 10 North Range [illegible] County [illegible]

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

Township Range