Form WRB-1
Reporter 120168 2M 12-49

Twp. 2 S Rge. 4 E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County SW GRASS
Code No. 1B-2A-3D-11C-12A-13C-14A

Name of Land Owner ROSTAD, JOHN Address
Name of Operator CLARENCE ROSTAD Address BIG TIMBER
Description

Code No. 2A System Dry Creek Canal Co. Source of Water Boulder River
Basin Boulder River Present 34 Potential 5 Maximum 39 R ✓ F P G S
Code No. 3D-2A System Lamp-Nelson Ditch Source of Water Boulder River
Basin Boulder River Present 255 Potential 0 Maximum 255 R ✓ F P G S
Code No. 2A-3B System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 38 Potential 52 Maximum 90 R ✓ F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S

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

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

Information from Date

Farm Checked

By Dave & Joe

Area E. Side Boulder R.

Date 6/3/50

FORM F-1 REPORTER 1M 3-49 17380

Code No. 27C-28C-29B-32A 33A,34A,35B

County Sweet Grass

T. 15 R. 14E Sec. 27-28-29-32 33-34-35

Photo No. MA-11A-201

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Legal Land Owner Smoot & Coffey Address Big Timber

Operator Same Address " "

Water is delivered by:

Federal Project		Pres.	Pot.
Ditch Company		Pres.	Pot.
~~Irrigation District~~	Lee Smoot Ditch	Pres. 139	Pot.
Private System 203	Clause - Rudd Ditch	Pres. 5	Pot.
		Totals	

Flood ____ Pump ____ Reservoir ____ Gravity ✓ Regular Irr.

Size and Capacity, Pump, etc. Brownlee Cinant, Charles; Crest, Martin 178,182

Original Appropriator, ~~Company~~ Smoot, Lee / Smoot, Mattie App. No. 222, 223 224, 225

Original Appropriator, Private Clause, Frank App. No. 228

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 Boulder River, Sharpy Creek, Cherry Creek.

Acres Irrigated 1950,

Potential Acres ____ Seeped ____

Explain ____

Condition of System good

Adequate Supply..... Yes ✓ No ____

Explain ____

Topography Slope to River Bottom

Information From ____

Remarks Possibly Ellison desert Claim Right on Sharpy Creek. Trace of old ditch (Not in use) see (Cherry Creek in use)

see attached plat

34

OVER

Clause-Rudd Ditch: (Water Rights, Smoot,)
Headgate on east bank of river near south line Sec. 28, SW ¼.
Extending north to northeast to about center of Sec. 28 where it forks.
Irrigates about 5 acres under main stem of ditch.

Lee Smoot Ditch:
Heads on east bank of river in NW ¼ of SE ¼ Sec. 32.
Is use by Smoot & Lomeland each have (400 inches)
Lateral of this ditch flumes Clause-Rudd ditch to irrigate about 5 acres - sec. 28.
Main Smoot ditch irrigates land in Sec. 33, 32 & 28.
Note: This ditch also picks up all of Cherry Creek water. Cherry Creek flows most all of year (All irrigation regular)
About 139 acres irrigated under this ditch.

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 14E County Sweet Grass

Smoot & Coffey

Township 15 Range 14E

Form WR-B
Reporter 20168 2M 12-49

Twp. 1 S Rge. 14 E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. _____
27C-28C-29B-32A-33A-34A-35B

Name of Land Owner Smoot & Coffey Address Big Timber
Name of Operator Same Address " "
Legal Description _____

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 32A-33A-28C System Smoot Ditch Source of Water Boulder River
Basin Boulder River Present 137 Potential 0 Maximum 137 R ✓ F ___ P ___ G ___ S ___
Code No. 28C System Clause-Rudd Ditch Source of Water Boulder River
Basin Boulder River Present 13 Potential 0 Maximum 13 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 F-1 - GAZETTE 1665-2M-1-42

Farm Checked

By Dave & Ed

Area Big Timber

Date 3-14-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 7B-8A-9A-10C-15C

County Sweet Grass

T. 15 R. 14E Sec. 7,8,9,10,15

MA-12A-24

Photo No. M.A.-11A-202

Legal Land Owner Andy Vanney (A.P. Larson) was Address Big Timber

Operator " " Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Ellison Ditch (mutual) Pres. _____ Pot. _____

Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private D. Curtis, Hollopeter, Andrews & Ellison App. No. 184, 198, 692, 162, 194

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 Boulder River, ~~Spring Creek~~ ?

Acres Irrigated 19 _____ acres

Potential Acres 25 No laterals Seeped

Explain _____

Condition of System _____

Adequate Supply Yes ✓ No _____

Explain _____

Topography River Valley

Information From _____

Remarks Says he has all the water he can use.

T15 - R14E

see attached plat

34

(1) has 325 M.I.
Ellison Ditch (Mutual)
Headgate on west bank in NE¼, SE¼, Sec. 21
Twp. 1 S. Rge. 14 E
Has concrete abutements and wooden gate
screw type. with rock dam across river.
System kept in good shape, all have
~~[illegible]~~ adequate water supply.

STATE ENGINEER'S OFFICE

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 15 Range 14E County Sweet Grass

Township 15 Range 14E

Form WR-B
Reporter 20168 2M 12-49

Twp. 1 S Rge. 14 E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweetgrass
Code No. 7B-8A-9A-10C-15C

Name of Land Owner VANNOY, ANDY Address BIG TIMBER
Name of Operator Same Address " "
Legal Description

Potential Land Under Existing Facilities

...or Ditch Source of Water Boulder River
Potential 0 Maximum 168 R ✓ F ... P ... G ... S ...
Source of Water
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 20168 2M 12-49

Twp. 1S Rge. 14E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County, Sweetgrass
Code No. 7B-8A-9A-10C-15C

Name of Land Owner VANNOY, ANDY Address BIG TIMBER
Name of Operator Same Address " "
Description

Land
North

Potential Land Under Existing Facilities

Code No. 10C-15C System Ellison Ditch Source of Water Boulder River
Basin Boulder River Present 168 Potential 0 Maximum 168 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

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. 30A-31D

Area Boulder River

County Sweet Grass

T. 15 R. 14E Sec. 30-31

Date 6/13/50

Photo No. MA-11A-90

Legal Land Owner Hazel Weller Address Big Timber

Operator C. R. Weller Address "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

(Mutual) Private System ✓ McComb – McArthur Ditch Pres. ____ Pot. ____

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓ Reg.

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private McComb, Albert A App. No. 210

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 Boulder River

Acres Irrigated 19____, ____

Potential Acres ____ Seeped ____

Explain ____

Condition of System ____

Adequate Supply..... Yes ____ No ____

Explain ____

Topography ____

Information From ____

Remarks See McComb-McArthur ditch in T25-14E (40)

34

Form WR-B
Reporter 20168 2M 12-49

Twp._____Rge._____
Twp._____Rge._____
Twp._____Rge._____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County_____
Code No._____

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

Irrigated Land Non-Irrigated Land Potential Land Under Existing Facilities

North

Code No. 31 D System Skillman Ditch Source of Water Boulder River
Basin Boulder River Present 0 Potential 3 Maximum 3 R ✓ F__ P__ G__ S__
Code No. 31 D System McComb Ditch Source of Water Boulder River
Basin Boulder River Present 4 Potential 0 Maximum 4 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.....

Township 1 South - Range 15 East

(35)

	Name of Owner	Township & Range		
1.	Ash, Amanda	(35) 1S-15E		
2	Birkeland, E.O.	"		
3	Birkeland, Isabel	"		
4.	Cosgriff, Anthony & Martin	"	(36) 1S-16E	
5.	Cort, Harvey est.	"	(42) 2S-16E	
6.	Duffey, Katheryn C. & Harry E.	"		
7.	Duffey, Emma R.	"		
8.	Drange, Ludvig	"		
9.	Esp, Leonard	"	(29) 1N-15E	
10.	Elgen, Gunhilda	"	(36) 1S-16E	
11.	Fotland, Lars	"		
12.	Faw, James	"		
13.	Grosfield, T.M.	"		
14.	Halverson, Ronald	"	(24) 2N-17E	(25) 2N-18E
15.	Kuhn, Tom	"		
16.	Ormsby, Arthur	"		
17.	Spencer, Lorillard	"	(29) 1N-15E	
18.	Shay, Vinton E.	"	"	
19.	Scholten, Mrs.K and Guy and Gerrit	"	"	

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 South Range 15 East County Sweet Grass

Township 1 South Range 15 East

Township_____ Range_____ County_____

Parcel Number	Name of ~~Owner~~ Appropriator	Address
Appropriation 209	McCall, Sarah (1500 M.I.)	Big Timber, Mont.
	No legal description. Point of diversion is on east bank on Boulder River about 3 miles up from mouth of Boulder.	
Appropriation 216	Pioneer Ditch Company (3000 M.I.)	Big Timber, Mont.
	No legal description. Lands in 1S 15E. Point of diversion on Boulder River on right bank on Lot 7+8, Sec. 23, 1N, 14E.	
Appropriation 341	Birkeland, Ole (100 M.I.)	Greycliff, Mont.
	No legal description. Point of diversion on left bank of Lower Deer Creek near west line of and on said land, about 1/4 mile from SW cor of said land & in a northerly direction from said corner.	
Appropriation 355	Edwards, H.K. & McPherson, W.J. (250 M.I.)	West Deer Creek, Mont.
	No legal description. Land located about 2 1/2 miles from mouth of West Deer Creek. Point of diversion on said stream on west bank & running in a northerly direction to and upon said claimed land.	
Appropriation 356	Esp, John (200 M.I.)	Grey Cliff, Mont.
	No legal description. Point of diversion on Upper Deer Creek on west bank about 4 miles above mouth of said stream & about 2 1/2 miles above Rose Milliken allotment.	
Appropriation 358	Vanderhoff, N.S. (250 M.I.)	Upper Deer Creek
	No legal description. Land located about one mile above mouth of Upper Deer Creek. Point of diversion on west bank about 3 miles above the mouth of said creek 160 acres.	
Appropriation 542	Curtis, C.J. (100 M.I.)	Big Timber, Mont.
	No legal description. Point of diversion is on right bank of Milligan Creek. Ranch located 1 mile north of head of said ditch.	
Appropriation 543	Knapp, Louis R (150 M.I.)	Big Timber, Mont.
	No legal description. Squatter's claim. Point of diversion on right bank of Milligan Creek. 160 acres.	
Appropriation 544	McCall, Sarah L. (100 M.I.)	Big Timber, Mont.
	Point of diversion on Milligan Creek on east bank where said stream crosses the line of the Wesley Milligan allotment.	

Township _____ Range _____ County _____

Parcel Number	Name of ~~Owner~~ Appropriation	Address
Appropriation 1014	Hughes, Geo. R	Big Timber, Mont.
	Ranch claim situated on west side of	Lower Deer Creek about 2½
	miles south of the confluence of Saw Mill	Creek with Lower Deer Creek.
	Water from springs. 50 M.I. 7-7-1904	— 1-7-1904

Township 1 South, Range 15 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
342	Birkeland, Ole	Lower Deer Creek	8-17-01	8-17-01	500
344	Davis, L. S.	Lower Deer Creek	4-4-08	4-4-08	200
345	Davis, Lewis S.	Lower Deer Creek	8-26-08	8-26-08	200
347	Frost, John same as (516)	Lower Deer Creek	11-5-92	11-5-92	160
348	Hooper, Joseph G.	Lower Deer Creek	5-6-02	5-6-02	200
352	Ash, Manuel	Upper Deer Creek	5-5-02	5-5-02	100
353	Briner, George	Upper Deer Creek	2-11-02	2-11-02	150
354	Cartwright, Robert	Upper Deer Creek	10-15-07	10-15-07	100
357	Jackson, Robert same as (518)	Upper Deer Creek	11-5-92	11-5-92	640
383	Tintinger, Theo D.	Dry Creek	4-23-02	4-23-02	100
471	Brown, Chas. G.	Gulch Creek 1N-R15E	3-28-85	3-30-85	100
540	Nuzum, C. S. unnam	Middle Creek	1-5-01	1-5-01	200
614	Curtis, Harvey P.	Peterson Creek	6-1-09	6-7-09	100
964	Albright, Albert	Unnamed Spring	5-6-19	5-6-19	—
966	Bailey, C. A.	Unnamed Spring	12-9-01	12-9-01	All
974	Burnett, Chas. P.	Unnamed Spring	5-13-18	5-17-18	40
982	Cosgrif, John	Unnamed Spring	3-12-98	3-12-98	100
991	Duffy, William	Unnamed Spring	12-2-15	12-2-15	10
1097	Halverson, Ronald	Lower Deer Creek	4-1-05	12-24-41	75
D-147	Davis, Lewis	Lower Deer Creek	8-26-08		116
D-148	Dillon, S. R.	Lower Deer Creek	7-2-93		25
D-149	Dillon, S. R.	Lower Deer Creek	5-1-97		62
D-152	Grossfield, T. M.	Lower Deer Creek	5-1-99		60
516	Frost, J	" " "	11-5-92	11-5-92	160
518	Jackson, R.	" " "	"	"	640

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
D-153	Hohenberger, Jacob	Lower Deer Creek	6-15-93		40
D-154	Hohenberger, Jacob	Lower Deer Creek	7-1-96		32
D-155	Hooper, J. G.	Lower Deer Creek	3-1-94		30
D-156	Hooper, J. G.	Lower Deer Creek	6-1-95		40
D-157	Hughes, Peter	Lower Deer Creek	10-10-92		40
D-158	Hughes, Peter	Lower Deer Creek	5-1-96		25
D-236	Grossfield, T. M.	Spring Creek	10-17-93		40

Farm Checked

By MT-VBE

Area Upper Deer Cr.

Date 7-13-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 30D 31B

County Sec. G.

T. 15 R. 15 Sec. 30, 31

Photo No. MA-17A-16E

Legal Land Owner Amanda Ash Address

Operator E. D. Ross Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Ash Ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Manuel Ash App. No. 35-E

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 Upper Deer Cr.

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System Fair - Improving it now

Adequate Supply..... Yes No ✓

Explain Creek goes dry in late Summer

Topography Creek bottom

Information From E. D. Ross

Remarks over

	30					29	
	D						
B							
	31					32	

35

Ross is cleaning and repairing the ditch at the present time	Ash

Form WR-B
Reporter 20168 2M 12

Twp. 1S Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 30 D-31B

Name of Land Owner Amanda Ash Address Big Timber
Name of Operator Ed Ross Address " "
Legal Description

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

North

Code No. 31B System Ash Ditch Source of Water Upper Deer Cr.
Basin Yellowstone Present 0 Potential 2 Maximum 2 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 ___

Sw. Green

Farm Checked

By E C [illegible]

Area Lower Deer

Date 7-21-73

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 14C, 15D, 21C, 22A, ~~13B, 25D, 26B, 27A~~ 28A, 29C, 32A, 33B, ~~34A, 35A~~

County

T. 15 R. 15 Sec.

Photo No. 11A-13A-158, 13A-157, 17A-161, 17A-162

Legal Land Owner E. O. Birkeland Address

Operator " Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company J. S. Davis, Ole Birkeland App. No. 344, 345, D-147

Original Appropriator, Private ~~J. H. Hoop, J. Hohenberger~~ App. No. ~~342, 348, D-153-4~~

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 Lower Deer Cr.

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System Over

Adequate Supply Yes No ✓

Explain Insufficient Supply

Topography Creek Bottom

Information From E. O. Birkeland

Remarks over

See attached maps

35

Hooper Ditch — unable to locate old headgate and the ditch is in poor condition.

Dowie ditch — There is a trace of this ditch and the remains of a large wooden flume are visible

Birkeland ditch — This ditch is in good condition. The water supply is insufficient because Lower Deer Cr. runs low in late summer & persons with priority get the water

Halenberger ditch — Same as Birkeland ditch

Halenberger & Norris ditch — Same as Birkeland ditch

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County Sev. Grant

E. O. Birkeland

Township 15 Range 15E

Form WR-B
Reporter 20168 2M 12

Twp. 1N Rge. 15E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. [illegible]
[illegible]
38A, 39C, 32A, 32B, 34A, 35A

Name of Land Owner E.O. Birkland Address Big Timber
Name of Operator " Address

If under Ditch Company, Irrigation District, or Government Project, state the number of shares of [illegible]

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.

Informatio[illegible] [illegible]m ..... Date.....

Form WR-B
Reporter 20168 2M 12

Twp. 1S Rge. 15E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 14C, 15D, 21C, 22A, 23B, 25B, 26B, 27A, 28A, 29C, 32A, 32B, 34A, 35A

Name of Land Owner E.O. Bickland Address Big Timber
Name of Operator " Address
Description

■ Irrigated Land □ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 22A, 27A, 28A, 34A System Hooper Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 0 Potential 32 Maximum 32 R ✓ F P G ✓ S
Code No. 22A, 27A, 28A System Bickland Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 36 Potential 13 Maximum 49 R ✓ F P G ✓ S
Code No. 14C, 15D, 22A System Hohenberger Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 6 Potential 2 Maximum 8 R ✓ F P G ✓ S
Code No. 14C, 22A System Hohenberger Ditch Source of Water Lower Deer Creek
Basin Present 39 Potential 0 Maximum 39 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

Twp. 1S Rge. 15E
Twp. Rge.
Twp. Rge.

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Code No. 14C, 15D, 21C, 22A, 23B, 25B, 26B, 27A, 28A, 29C, 32A, 32B, 34A, 35A

Name of Land Owner E.O. Bickland Address Big Timber

Lessor " Address

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

North

Code No. 14C System Grasfield-Halverson Ditch Source of Water Lower Deer Creek

Basin Yellowstone Present 4 Potential 0 Maximum 4 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

Farm Checked

By

Area

Date

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 32B, 33A, 34B

County Sweet Grass

T. 13 R. 15E Sec. 32, 33, 34

Photo No. MA 17A-162, 13A-157

Legal Land Owner Isabel Birkeland Address Gray Cliff

Operator E. O. Birkeland Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private L. S. Davis; Jaime Frost; App. No. 344, 345, D-147

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 Lower Deer Cr.

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks

35

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County Lewis & Clark

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 (B, B)	33 (A, B)	34	35	36

Isabel Birkeland

Township 15 Range 15

Form WR-B
Reporter 20168 2M 12.

Twp. 1 S Rge. 15 E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sil. Grass
Code No. 32B, 33A
34B

Name of Land Owner Birkland, Isabel Address Gray Cliff Mont.
Name of Operator E. O. Birkland Address " " "
Legal Description

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

North

Code No. 33A, 34B System Davis Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 0 Potential 32 Maximum 32 R ✓ F P G ✓ S
Code No. 33A System Hooper Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 0 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 F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Jim + Dave

Area Lower Deer Cr.

Date March 30, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 10-12A

County Sweet Grass

T. 1 S R. 15E Sec. 12

Photo No. MA-13A-159

Legal Land Owner Anthony & Martin Cosgriff Address Greycliff

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Pres. 70 Pot. 18 acres 7/6

Totals

Flood ✓ From Deer Creek Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Elgene right + Kahns Spring Creek App. No.

Original Appropriator, Private John Frost; John William + Cosgriff also Tom Cosgriff appeals from D.C. App. No. 347;

Decreed for every 3 days (priority of 1904?) D-146 - Tom Cosgriff 25 ac in bottom 45. 70 & 8 pot

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 + Spring Creek

Acres Irrigated 1950 70 part of this in sec 6 47 T1S R15E

Potential Acres 8 + 11 Seeped

Explain ground too rocky + ditches out

Condition of System Fair

Adequate Supply — Yes No ✓

Explain Creek go dry in summer

Topography Creek bottom + river bend

Information From Anthony Cosgriff

Remarks

-T1S R15E

	2				1		D
							A
	11				12		

(35) Kitosh + Walters filing was for Harrison Place

See Also File No 36.

Ditch on E. side of Spring Cr. is the J. W. Cosgriff ditch and has a decreed right to use all the water of Spring Creek for 3 consecutive days out of every 12 days.

Land between Deer Creek & Spring Creek is flood irr. by ditch out of Deer Creek. This land sub irrigates to some extent.

Form WR-B
Reporter 20168 2M 12-

Twp. 1S Rge. 15E
Twp. 1S Rge. 16E
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 1D-12A

Name of Land Owner Cosgriff, Anthony & Martin Address Grey Cliff
Name of Operator Same Address "
Legal Description

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

North

Code No. 1D System Frost Ditch Source of Water Lower Deer Creek
Basin Yellowstone Present 1 Potential 0 Maximum 1 R ✓ F P G ✓ S
Code No. 1D, 12A System Fatland Ditch (Flood) Source of Water Lower Deer Creek
Basin Yellowstone Present 29 Potential 0 Maximum 29 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

Also in T.1N-R.11E, #28

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

Farm Checked

By Dave & Jim

Area Upper Deer Cr.

Date March 28, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 2D-3B-4B-9A-10A-11C

County Sweet Grass

T. 1S R. 15E Sec. 2,3,4,9,10,11

Photo No. 13A-159-160

Legal Land Owner Harvey Cort, est. Address

Operator Tope Strobel Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Dry Creek Canal Co. 8 Shares Pres. Pot.

Irrigation District Pres. Pot.

Private System 2 ditches from U. Deer Cr. Pres. Pot.

Totals

Flood Deer Cr. rt. Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Ole Esp (no filing shown) about 1893 App. No. 353,540

Geo. Briner part here

Is the system an extension of another system? Yes ✓ Canal ext. No.

Is all land irrigated from one system? Yes No ✓

(If No, show break down on map)

Source of Water Boulder River - U. Deer Creek, Middle Cr.

Acres Irrigated 1950 130 app

Potential Acres 150 app from D. Cr. Can. Seeped

Explain

Condition of System Good

Adequate Supply Yes ✓ No ✓

Explain

Topography Creek bottom

Information From Tope Strobel

Remarks Irrigates same land from both Boulder Riv. + Deer Cr. except for 6 ac. irr from Boulder

(5) Harvey Cort built ext. to Dry Cr. Canal in 1938 or 1939

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15 E County Sweet Grass

Harvey Cart, est.
Tope Strobel

(35)

Township 15 Range 15 E

Form WR-B
Reporter 20168 2M 12-

Twp. 1 S Rge. 15 E
Twp. 1 N Rge. 14 E
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 2D-3B-4B
9A-10A-11C

Name of Land Owner: Harvey Cort, est. Address:
Name of Operator: Tope Strobel Address: Big Timber
Legal Description:

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

Code No.	2D, 3B, 4B	System	Dry Creek Canal Co.	Source of Water	Boulder River							
Basin	Boulder	Present	10	Potential	0	Maximum	10	R ✓	F	P	G ✓	S
Code No.	10A	System	Drange Ditch	Source of Water	Upper Deer Cr.							
Basin	Yellowstone	Present	15	Potential	0	Maximum	15	R ✓	F	P	G ✓	S
Code No.	2D, 3B, 10A	System	Cort Ditch Upper Mutual Dry Creek Can.	Source of Water	Boulder River							
Basin	Boulder River	Present	30	Potential	0	Maximum	30	R ✓	F	P	G ✓	S
Code No.	2D, 3B, 10A, 11C	System	Briner Ditch Upper Mutual Lateral Dry Cr. Can.	Source of Water	Boulder River							
Basin	Boulder River	Present	55	Potential	0	Maximum	55	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 F-1 - GAZETTE 1663-2M-1-47

Farm Checked

By Dave + Jim

Area Upper Deer Cr.

Date March 28

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 8C-9B-10B-15B-17A-18A-20A-21B-28B-29A-30A-32C

County Sweet Grass

T. 15 R. 15E Sec.

Photo No. MA-13A-158+159

Legal Land Owner Ludwig Drange Address Big Timber

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ 3 ditches Pres. Pot.

Totals

Flood ✓ Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private George Briner, John Esp, App. No. 353, 356
Part of this right

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 Upper Deer Creek

Acres Irrigated 1950, 80 +10

Potential Acres Seeped

Explain 12 acres belongs to Cort. Traded this for piece near highway

Condition of System fair

Adequate Supply Yes x n. side ditch No.

Explain large spring feeds Cr. above n. side ditch
Rest of Cr goes dry in late July

Topography Creek bottom

Information From Ludwig Drange

Remarks

35

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 S. Range 15 E County Sweet Grass

Ludwig Drange

Township 1 S Range 15 E

35

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By

Area

Date

Code No. 34, 8C, 9B, 10B, 16B, 17A, 18A, 20A, 21B, 28B, 29A, 30A, 32C.

County

T. 15 R. 15E Sec.

Photo No. MA-13A-159, 13A-158, 17A-160, 17A-161, 17A-162

Legal Land Owner Ludwig Drange Address

Operator " " Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Harvey C. Curtis; (on land traded to Corf) App. No. 614

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 Peterson Cr.

Acres Irrigated 19 ,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks

35

FORM D-1 - GAZETTE 1864-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 15E County Silver Bow

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

Ludwig Drange

Township 15 Range 15E

Upper Deer Creek
Milligan Creek
Peterson Creek
31
32
33
Upper Mutual Lateral
BASE LINE
Drange Ditches
State
Opp Big Drange
Esp Ditch
Hohenberger Ditch
Birkeland
Ludwig Drange
Flume
Trace of Hooper Ditch
Flume Seep
Lower Deer Creek
Davis Ditch

Form WR-B
Reporter 20168 2M 12-

Twp. 1 S Rge. 15 E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 8C-9B-10B-15B-17A-18A-20A-21B-28B-29A-30A-32C-3A

Name of Land Owner Ludwig Drange Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North

Code No. 9B, 10B System Esp Ditch Source of Water Upper Deer Cr.
Basin Yellowstone Present 30 Potential 0 Maximum 30 R ✓ F P G ✓ S
Code No. 10B, 15B System Drange Ditches Source of Water Upper Deer Cr.
Basin Yellowstone Present 27 Potential 0 Maximum 27 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 F-1 - GAZETTE 1665-2M-1-47

Farm Checked 1

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 2C

By Dave + Slim

County Sweet Grass

Area Upper Deer Creek

T. 1S R. 15E Sec. 2

Date March 28, 1950

Photo No. MA-13A-159

Legal Land Owner Emma R. Duffey Address Big Timber

Operator Sam Duffey Address " "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

~~Irrigation District~~ (~~Strobel ditch~~) Briner ditch Pres. _____ Pot. 30

Private System ✓ one ditch Pres. 50 Pot. _____

Totals _____

Flood ✓ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company _____ App. No. _____

Original Appropriator, Private (not for this Ranch Robert Jackson) Wm. Duffy – unnamed Spring; ~~George Briner~~; W.S. VanDerhoff App. No. 357, 358, 991

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 Upper Deer Creek

Sec 2 T1S R15E

Acres Irrigated 19 ___, 50

Potential Acres 30 Seeped _____

Explain _____

Condition of System fair

Adequate Supply Yes ✓ No ✓

Explain sometimes short of water

Topography Creek bottom

Information From Sam Duffey

Remarks 25 acres pot. under Strobel's Briner ditch part of which Duffey now irr. from his own ditch. The rest has not been irr for several yrs. gets some water from Strobel Dry Canal.

35

Farm Checked

By

Area

Date

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 2C

County Sw. Gran

T. 15 R. 13 Sec. 5

Photo No. MA-13A-159

Legal Land Owner Emma R. Daffey Address Big Timber

Operator Sam Daffey Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Robert Jackson; Wm. Daffey App. No. 357, 991

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 Upper Deer Cr; Unnamed Spring

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks

35

Form WR-B
Reporter 20168 2M 12-

Twp. 1 S Rge. 15 E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 2C-

Name of Land Owner Duffey, Emma R. Address Big Timber
Name of Operator Sam Duffey Address " "
Legal Description

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

North

Code No. 2C System Duffy Ditch Source of Water Upper Deer Creek
Basin Yellowstone Present 50 Potential 0 Maximum 50 R ✓ F P G ✓ S
Code No. 2C System Briner Ditch Source of Water Upper Deer Creek
Basin Yellowstone Present 0 Potential 12 Maximum 12 R ✓ F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S

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

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

Information from Date

Farm Checked

By

Area

Date

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 18 B, 19A

County Sun Grass

T. 1 S R. 1 E Sec. 18, 19

Photo No. MA-DA-161

Legal Land Owner Katherine C. Duffy & Harry E. Duffy Address Big Timber

Operator Leon Dieterich Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Albert Albright; C.A. Bailey App. No. 964, 966

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 Unnamed Spring

Acres Irrigated 19 , None

Potential Acres Seeped

Explain

Condition of System

Adequate Supply Yes No

Explain

Topography

Information From

Remarks

35

Form WR-B
Reporter 20163 2M 12-

Twp. 1 S Rge. 15 E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 18B-19A

Name of Land Owner Duffey, Katherun C. & Harry E. Address Big Timber
Name of Operator Leon Westervelt 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 F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Dave & Jim

Area Lower Deer Creek

Date March 29, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 18

County Sweet Grass

T. 15 R. 15E Sec. 1

Photo No. MA-13A-159

Legal Land Owner Gunhilda Elgen Address Grey Cliff

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ one ditch Pres. 33 Crop 30 pot Pot.

Totals 63

Flood ✓ Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private John Frost or ~~John Cosgriff~~ has decreed right probably Frost Decree App. No. D-145 D-150, 347

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 Lower Deer Creek

Acres Irrigated 1950 63 (part in T15 R16E)

Potential Acres 0 Seeped from Creek

Explain

Condition of System Fair

Adequate Supply Yes only in early Summer No ✓

Explain Creek goes dry in late summer

Topography Creek bottom

Information From owner Elgen

Remarks This ranch is John Frost's ranch Elgen & Nelson with Frost Right together

(35)

sec 1, T15 R15E

Form WR-B
Reporter 20103 2M 12-

Twp. 1 S Rge. 15 E
Twp. 1 S Rge. 16 E
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 1 B

Name of Land Owner Gunhilda Elgen Address Grey Cliff
Name of Operator Same Address " "
Legal Description

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

North

Code No. 1 B System Frost Ditch Source of Water Upper Deer Cr.
Basin Yellowstone Present 48 Potential 0 Maximum 48 R ✓ F P G ✓ S
Code No. 1 B System Lower Mutual Lateral D.C.Co. Source of Water Boulder River
Basin Boulder Present 0 Potential 58 Maximum 58 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 F-1 - GAZETTE 1665-2M-1-47

Farm Checked

By Dave & Jim

Area Upper Deer Creek

Date March 28, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 1C-2A

County Sweet Grass

T. 1S R. 15E Sec. 1/2

Photo No. MA-13A-159

Legal Land Owner Leonard Esp Address Big Timber

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Dry Creek Canal Co. 4 Shares Pres. 505 Pot.
also rents 4 shares from H. Hawks

Irrigation District Pres. Pot.

Private System ✓ U. Deer Creek system used to carry D.C.C. Water Pres. Same as above Pot.

Totals

Flood ✓ Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Robert Jackson App. No. 357

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)

65
320
120+
505

Source of Water Boulder River + Upper Deer Creek

Acres Irrigated 1950 505

Potential Acres 0 Seeped 0

Explain

Condition of System Good

Adequate Supply Yes ✓ No

Explain Flood from Upper Deer

Topography Creek + River bottom

Information From Leonard Esp

Remarks Land irr. from Upper Deer Creek is also irr. from Dry Creek Canal (See Also file No. 29)

35

Form W-1-B
Reporter 20168 2M 12-

Twp. 1 S Rge. 15 E
Twp. 1 N Rge. 15 E
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County SW. Grass
Code No. 1C-2A

Name of Land Owner Leonard Esp. Address Big Timber
Name of Operator Same Address " "
Legal Description

☐ Irrigated Land ☐ Non-Irrigated Land ■ Potential Land Under Existing Facilities

North

Code No. 2A System Duffy Ditch Source of Water Upper Deer Cr.
Basin Yellowstone Present 0 Potential 2 Maximum 2 R. F. ✓ P. G. ✓ S.
Code No. 1C 2A System Lower Mutual Lateral D.C.C.Co. Source of Water Boulder River
Basin Boulder Present 100 Potential 0 Maximum 100 R. ✓ F. P. G. ✓ S.
Code No. System Source of Water
Basin Present Potential Maximum R. F. P. G. S.
Code No. System Source of Water
Basin Present Potential Maximum R. F. P. G. S.

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

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

Information from Date

Farm Checked

By M.T. & E.C.

Area Dry Creek

Date 7-26-50

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 5C 6C 7A 8D 17

County Sweet Grass

T. 1S R. 15E Sec. 5, 6, 7, 8, 17

MA 17A-160

Photo No. 17A 161

Legal Land Owner James A. Faw Address Big Timber

Operator " Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, ~~Company~~ T. D. Fortinger; ~~C. G. Brown~~ App. No.

Original Appropriator, Private Chas. P. Dunnett App. No. 383; ~~49~~; 974;

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 Dry Cr; ~~Fortinger Cr~~; Shannon Spg.

Acres Irrigated 19 , none

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From Mr. James Faw

Remarks (OVER)

3-

The Tintinger Ditch out of Dry Creek remains as a mere trace. The ditch was taken out for an old Homestead to irrigate a garden patch which was of insignificant area.

No trace of the Burnett ditch out of an unnamed spring in Sec 17 remains According to Mr Ford, this also was taken out for an old Homestead to irrigate a garden patch which was of insignificant area.

No information could be obtained concerning the appropriation listed on Gulch Creek.

FORM D-1 · GAZETTE 1664-2M-1-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 S Range 13 E County Sweet Grass

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

James A. Law

Township 1 S Range 13 E

Form WR-B
Reporter 20168 2M 12-

Twp. 1 S Rge. 15 E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 5C-6C-7A
8B-17B

Name of Land Owner Faw, James A. Address Big Timber
Name of Operator Same 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 F-1 - GAZETTE 1668-2M-1-47

dry land not shown

Farm Checked

By [illegible]

Area Lower Deer Creek

Date March 30, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 12B-13B

County Sweet Grass

T. 1S R. 15E Sec. 12, 13

Photo No. MA-13A-159

Legal Land Owner Lars Fatland Address Big Timber

Operator Same Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ 3 ditches Pres. 80 to 90 Pot. 5

(1) Fatland-Halverson (2) Crosfield-Halverson now Dillon (3) Fatland Totals

Flood ✓ Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private No filing shown Pierhubler App. No. Dec. 157-4D-158

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 Lower Deer Creek

Acres Irrigated 19 80-90

Potential Acres 5 acres Seeped 0

Explain

Condition of System Fair

Adequate Supply Yes No ✓

Explain Does not have a decreed decree for amount of land and creek goes dry in summer

Topography Creek bottom + Valley slope

Information From Lars Fatland

Remarks

TIS R15E

					B	
		11			12	
					B	
		14			13	

(35) Halverson irr. 15 or 20 ac. from Fatland's ditch.

Form WR-B
Reprinter 20168 2M 12-6

Twp. 1S Rge. 15E
Twp. _____ Rge. _____
Twp. _____ Rge. _____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 12B-13B

Name of Land Owner Fatland, Lars Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North

Code No. 12B System Gresfield-Halverson Ditch Source of Water Lower Deer Cr.
Basin Yellowstone Present 10 Potential 3 Maximum 13 R ✓ F P G ✓ S
Code No. 12B System Fatland Ditch Source of Water Lower Deer Cr.
Basin Yellowstone Present 10 Potential 0 Maximum 10 R ✓ F P G ✓ S
Code No. 12B System Fatland-Halverson Ditch Source of Water Lower Deer Cr.
Basin Yellowstone Present 40 Potential 0 Maximum 40 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

C. Grosfield has ranch on Swamp Creek and on Butte Creek

FORM F-1 - GAZETTE 1468-2M-1-47

Farm Checked

By Dave + Jim

Area Lower Deer Cr.

Date March 31, 1950

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 110-14B-15A

County Sweet Grass

T. 1S R. 15E Sec. 11, 14, 15

Photo No. MA-13A-158

Legal Land Owner T. M. Grosfield, est Address

Operator Clara Grosfield c/o Tope Strobel Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ 8 ditches Pres. 9 cuts Pot. 0

Totals

Flood ✓ Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private ~~to filing Stream~~ T. M. Grosfield App. No. D 152 - D 236

was used to increase water right (flood right)

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 Lower Deer Creek, Spring Creek

Acres Irrigated 1950, 0

Potential Acres 97 Seeped 0

Explain

Condition of System fair, needs some repair

Adequate Supply — Yes No ✓

Explain Water right on creek + creek goes dry in summer

Topography Creek Bottom

Information From Tope Strobel

Remarks ① Hohenberger - Nevins (over)

② Grosfield - Dillon Halverson

③ Grosfield

④ Fotland - Halverson - some potential

Has 60 in. Decreed Out of Lower Deer Creek
and 40 in Decreed from Spring Creek

Farm Checked

By

Area

Date

FORM F-1 REPORTER 1M 3-49 17360

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 11D, 14B, 15A.

County Sw. Grass

T. 1S R. 15 Sec. 11, 14, 15

Photo No. MA-13A-158, 13A-159

Legal Land Owner T. M. Gransfield Address Big Timber

Operator Clem. Gransfield Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company ~~Jacob Hohenberger~~ App. No. ~~[illegible]~~, D-132

Original Appropriator, Private T. M. Gransfield App. No. 236

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 Lawson Creek; Spring Cr.

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography

Information From

Remarks

35