(7) Some land is potential under Prather-Mayborn-Westfall ditch but is not irr because the land is seeped and has to be drained

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 13E County Sweet Grass

Township 15 Range 13E

Form WR-B
Reporter 20168 2M 12-49

Twp. 1S Rge. 13E
Twp. Rge.
Twp. Rge.

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sweet Grass
Code No. 7C

Name of Land Owner Elizabeth Wood Address
Name of Operator Address
Legal Description

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

North

Code No. 7C System Prather-Mayborn-Westfall Ditch Source of Water Yellowstone River
Basin Yellowstone River Present 0 Potential 18 Maximum 18 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

Township 1 South - Range 14 East

(34)

	Name of Owner	Township & Range
1.	Breck, Arnold	(34) 1S-14E
2.	Breck, Mikkel	"
3.	Breckke, John	"
4.	Brownlee, Mabel	" (40) 2S-14E
5.	Campbell, C.W.	"
6.	Charboneau, J.A.	"
7.	Davis, C.O.	"
8.	Dutton, Laura	"
9.	Gates, Lydia	"
10.	Gray, Claude	" (28) 1N-14E
11.	Gray, Claude & Nellie	"
12.	Hauge, Ed	"
13.	Lamp, F.M. est.	"
14.	Lomeland, Torger	"
15.	Montana, State of	" (4) 5N-15E (8) 4N-14E (29) 1N-13E (30) 1N-16E (36) 1S-16E (39) 2S-13E (45) 3S-13E
16.	Rostad, John	"
17.	Smoot & Coffey	"
18.	Vannoy, Andy	"
19.	Weller, Hazel	" (33) 1S-13E (40) 2S-14E

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1 South Range 14 East County Sweet Grass

Township 1 South Range 14 East

Township_____ Range_____ County_____

Parcel Number	Name of ~~Owner~~ Appropriation	Address
Appropriation 187	Dry Creek Canal Co.	Big Timber, Mont.
No legal description. Lands in 1S 14E + 1S 15E. Point of diversion on Big Boulder Creek on right bank on the ranch now owned and occupied by Mrs. N.W. Marshall, now about 1/4 mile below and in a northerly direction from her present residence, which ranch is situated on the east bank of the said Big Boulder Creek, & about 5 miles in a southerly direction from the Boulder Bridge at Blakes ranch, near the town of Big Timber. (2000 M.I.)		
Appropriation 213	Securities Company Ltd.	Helena, Mont.
Lands in 1S 14E Point of diversion on west bank of Boulder River on SE 1/4 SE 1/4 Sec 3, 1S, 14E.		
Appropriation 293	Cooper, J.J.; Everett, E.; + Mitchell, G.H.	(All M.I.)
No legal description. Bounded south by C.C. Olson ranch and on the north by Marshans ranch & on the East by Boulder River.		
Appropriation 177	Clause, H.E.; McEachren; Wynn, R.; Gates, F.; Weaver, W.; McEachren	Big Timber, Mont. (1000 M.I.)
No legal description. Point of diversion on east bank of Boulder River on the Homestead Entry of Hans Rudd situated below the second crossing of said River.		
Appropriation 207	Mathews, P.J. (300 M.I.)	Blakes Precinct, Sweet Grass Co.
No legal description. Land known as "Shearing Pen" land. Point of diversion on south bank on Boulder River at a point known as Dougherty's ditch opposite F.J. Wait's land.		
Appropriation 367	Bade, L.C. (150 M.I.)	Big Timber, Mont.
No legal description. Ranch claim situated along the Dry Creek and on left hand fork of said creek. Point of diversion is on east bank of the West Fork about one mile up said West Fork from where it joins the East Fork		
Appropriation 368	Baker, F.L. (400 M.I.)	Big Timber, Mont.
No legal description. Point of diversion on north bank of Dry Creek just below the first timbered forks on Dry Creek, 1 3/4 mile from county road.		

Township 1 South, Range 14 East

No.	Name of Appropriator	Name of Stream	Date App.	Date Filed	M.I.
162	Andrews, James and Ellison, John	- Boulder River	6-2-93	6-10-93	650
172	Budd, E. H. & White, J. H.	Boulder River	9-28-95	9-28-95	300
175	Clouse, Frank	Boulder River	4-23-21	4-23-21	400
176	Clouse, Ida J.	Boulder River	1-18-02	1-18-02	100
178	Conant, Charles	Boulder River	4-5-97	4-5-97	1000
182	Crest, Martin	Boulder River	8-25-16	8-25-16	500
184	Curtis, Dana et al	Boulder River	12-20-03	1-18-04	1512
193	Ellison, John	" "	5-6-05	5-6-05	600
198	Hollopeter, B. S. & Anna	Boulder River	4-17-05	4-17-05	432
199	Hollopeter, B. S. et ux	Boulder River	8-3-08	8-3-08	300
203	Lambotte, Archie & Rudd, Hans	Boulder River	6-8-96	6-8-96	800
208	McArthur, John S.	Boulder River	10-3-01	10-4-01	400
210	McComb, Albert A.	Boulder River	12-18-05	12-20-05	100
211	McKenzie, Charles	Boulder River	3-22-02	3-22-02	175
222	Smoot, Lee	Boulder River	4-23-21	4-23-21	400
223	Smoot, Lee	Boulder River	8-21-03	8-21-03	100
224	Smoot, Mattie	Boulder River	2-25-03	2-28-03	200
225	Smoot, Mattie	Boulder River	8-24-04	8-24-04	50
524	Lyon, H. G.	Martin Creek	1-15-02	1-15-02	100
648	Clouse, Frank	Sharpy Creek	10-5-98	10-5-98	300
694	Hollopeter, B. S.	Spring Creek	6-6-96	6-6-96	144
1026	Lamp, F. M. & Priddy, James I.	Unnamed Spring	5-4-03	5-23-03	30

FORM D-1
REPORTER 1M 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 1S Range 14E County Sweet Grass

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

Transcribed from Park County

Township 1S Range 14E

Township _____ Range _____ County _____

Parcel Number	Name of Owner	Stream	Address App	Filed	MI
189	Anderson, James + Ellison, Jr	Boulder Cr	6-3-93	6-10-93	650

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

Farm Checked

By Dave & Ed

Area Big Timber

Date 3-14-58

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 3C, 4A, 15B, 16A, 22A

County Sweet Grass

T. 1 S R. 14E Sec. 34, 15, 14, 22

Photo No. MA-11A-202

Legal Land Owner Arnold Breck Address Big Timber

Operator Frank Mack Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

~~Irrigation District~~ 177 McKenzie-Clause-Weaver Ditch Pres. 6 acres Pot.

Private System 162-193 Ellison Ditch (Mutual) Pres. 260 ac. Pot. 10 ac.

203 Clause-Rudd ditch Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No. 203, 172, 184, 199

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 good

Adequate Supply Yes ✓ No

Explain

Topography Slope & River bottom

Information From Arnold Breck

Remarks

3

Heads on east bank NE¼, Sec. 21

McKenzie-Clause-Weaver Ditch:
Has no shares but was deeded enough water for 4 acres. - SE, SE¼ of Sec. 16.

Clause-Rudd Ditch:
Concrete headgate on east bank of river near south line Sec. 28, SW¼ extending north to northeast to about center of Sec. 28 where it forks.
East fork used by Lomeland and Mike Breck
Arnold Breck has no share in ditch
His brother Mike lets him use a part of his share to irrigate about 10 acres.

Ellison Ditch:
Heads on west bank in the SE¼, Sec 21 extends in a northerly direction to irrigate about 70 acres hay and 130 acres pasture in sec. 3
See Ditch Co. form.

FORM D-1
REPORTER IM 3-49 17379

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Township 1 S Range 14 E County Sweet Grass

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

Arnold Brock

Township 1 S Range 14 E

Form WR-B
Reprinter 20168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Co. Sweetgrass
Code No. 3C-4A-15B-16A-22A

Name of Land Owner: BRECK, ARNOLD Address: Big Timber
Name of Operator: FRANK MACK Address: " "

Potential Land Under Existing Facilities

...ver Ditch Source of Water Boulder River
...tal 0 Maximum 6 R✓ F P G S
...d Ditch Source of Water Boulder River
...tal 0 Maximum 10 R✓ F P G S
Ditch Source of Water Boulder River
...tal 0 Maximum 260 R✓ F P G S
Source of Water
...tal Maximum R F P G S

If under Ditch Company, 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. 3C-4A-15B-16A-22A

Name of Land Owner BRECK, ARNOLD Address Big Timber
Name of Operator FRANK MACK Address " "

Potential Land Under Existing Facilities

Code No. 16A-15B System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 6 Potential 0 Maximum 6 R✓ F P G S

Code No. 15B System Clause-Rudd Ditch Source of Water Boulder River
Basin Boulder River Present 10 Potential 0 Maximum 10 R✓ F P G S

Code No. 3C System Ellison Ditch Source of Water Boulder River
Basin Boulder River Present 260 Potential 0 Maximum 260 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. 21A-22B-23B-26D-27A

Area E. Side Boulder R.

County Tweed Grass

T. 15 R. 4E Sec. 21-22-23 26-27

Date 6/21/50

Photo No. MA-11A-202

Legal Land Owner Mikkel Breck Address Big Timber

Operator " " Address "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System 203 ✓ Clause-Rudd ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Lambotte, Archie & Rudd App. No. 203

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 Boulder River

Acres Irrigated 19 , About 95 acres

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply Yes ✓ No

Explain

Topography Slight slope to river

Information From Mr. Breck

Remarks

T15 - R14E

see attached plat

(Has Rudd Right)

Clause-Rudd Ditch: (East branch of Ditch)

Ditch extends east by northeast, has wooden flume 50 ft. or more in length across gulley.

Irrigates land in Sec. 21 & 22, says he figures about 95 acres.

Concrete headgate on main ditch, heads on east bank of river near the south line SW¼, Sec. 28.

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township T1S Range R14E County Sweet Grass

Township 1S Range 14E

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 SWEET GRASS
Code No. 21A-22B-23B-26D-27A

Name of Land Owner BRECK, MIKKEL Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North

Code No. 21A-22B System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 4 Potential 0 Maximum 4 R L F P G S
Code No. 21A-22B System Clause-Rudd Ditch Source of Water Boulder River
Basin Boulder River Present 80 Potential 0 Maximum 80 R L F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S
Code No. System Source of Water
Basin Present Potential Maximum R F P G S

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

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

Information from Date

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area E. Side Boulder R.

Date 4/26/50

Code No. 10D, 14D, 15A

County Sweet Grass

T. 1S R. 14E Sec. 10, 14, 15

Photo No. MA-11A-202

Legal Land Owner John Breckke Address Big Timber

Operator " " Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

~~Irrigation District~~ 177 McKenzie-Clause-Weaver Ditch (Mutual) Pres. 20 acres Pot. 0

Private System Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Curtis, Dana-et al; Hollopeter, B.S. App. No. 694

Original Appropriator, Private Anderson, James & Ellison, J. App. No. 194 177

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, 40 acres

Potential Acres none Seeped

Explain

Condition of System good

Adequate Supply Yes ✓ No

Explain Ditch Cleaned 1½ yrs. ago

Topography River Valley

Information From John Breckke

Remarks

37

1190 in

Boulder River

McKenzie-Clause-Weaver (Mutual)

Has 1 share:

Breckke said he thought this ditch had 1100 inches, and divided into 5 shares.

Said ditch had been enlarged about 2 yrs. ago.

Point of diversion on east bank NE, NE¼ sec 21

Headgate Concrete with wooden Twin lift headgates, Concrete poured May 5th-1947 date was marked in headgate.

Length of ditch about 4 miles.

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, SW GRASS
Code No. 10D-14D-15A

Name of Land Owner BRECKKE, JOHN Address Big Timber
Name of Operator Same Address " "
Legal Description

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

North

Code No. 10D-15A System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 38 Potential 0 Maximum 38 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. 32C

County Sweet Grass

Area East Side Boulder R.

T. 1S R. 14E Sec. 32

Date 6/12/50

Photo No. MA-11A-201

Legal Land Owner Mabel Brownlee Address

Operator Robert F. Brownlee Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System ✓ Dutton-Conant Ditch (Mutual) Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓ Regular

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Conant, Charles App. No. 178

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 , 79 acres all hay

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply Yes ✓ No

Explain See back of Sheet

Topography Slope to River Bottom

Information From Robert Brownlee

Remarks

This was Conant Ranch

Also in (40)

(32)

Dutton - Conant Ditch (Private)

Point of diversion on east bank of river a little above Hwy. bridge in the NE, SW¼, Sec. 1 - Twp. 2S - Rge. 13E.	
Constructed Apr. 15, 1912.	
Concrete constructed with wooden lift headgate.	
Ditch about 5 ft. wide at base.	
Ditch crosses hwy. on east side of river near bridge through wood plank culvert.	
Length of ditch 3 miles.	
Irrigates land in Sec. 32 - T. 1S - R. 14E	

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 SW GRASS
Code No. 32C

Name of Land Owner BROWNLEE, MABEL Address Big Timber
Name of Operator Robert F. Brownlee Address " "
Legal Description

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

North

Code No. 32C System Dutton-Conant Ditch Source of Water Boulder River
Basin Boulder River Present 70 Potential 0 Maximum 70 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. 31A-32B

Area West Side Boulder R.

County Sweet Grass

T. 1S R. 14E Sec. 31-32

Date 6/13/50

Photo No. MA-11A-90 MA-11A-201

Legal Land Owner C. W. Campbell Address Big Timber

Operator Charley Fallang Address " "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

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

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓ Regular

Size and Capacity, Pump, etc. ____

Original Appropriator, Company Conant, Charles; McArthur, John S. App. No. ~~146~~ 208

Original Appropriator, Private Smoot, Lee App. No. 223

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____, about 120 acres

Potential Acres about - Dec. Seeped ____

Explain irregular ground & rock clearing

Condition of System good

Adequate Supply..... Yes ✓ No ____

Explain ____

Topography Slope to river.

Information From Charley Fallang

Remarks Was McArthur place, Campbell since 1916 or 17

34

Mc Comb - McArthur Ditch:

Point of diversion on the West bank in NW, SE, NE ¼, Sec. 1 - T. 2S - R. 13E

At a point in ditch extending around, a round bluff in the SW, SE ¼, Sec. 31 - T. 1S - R. 14E

Has about 200 yds. concrete ditch. The reason for concrete lineing is the river crowds this bluff.

Irrigates land in Sec. 31 & 32 - T. 1S - R. 14E

Has log & rock dam with wooden lift headgate, also has plank built spillgate about 200 ft. or so below dam.

Ditch needs a little cleaning near headgate, Mr. Weller the other user of ditch said they intended to put a bulldozer in this spring, but that the high water beat them to it.

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

Co. Sweetgrass
Code No. 31A-32B

Name of Land Owner: CAMPBELL, O. W. Address: BIG TIMBER
Name of Operator: Charley Fallang Address: " "
Legal Description: ____

[x] Irrigated Land [ ] Non-Irrigated Land [x] Potential Land Under Existing Facilities

North

Code No. 31A-32B System McComb Ditch Source of Water Boulder River
Basin Boulder River Present 124 Potential 0 Maximum 124 R ✓ F ____ P ____ G ____ S ____
Code No. 21B System Skillman Ditch Source of Water Boulder River
Basin Boulder River Present 0 Potential 5 Maximum 5 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 1865-2M-1-47

Farm Checked

By Dave & Ed

Area Big Timber

Date 3-14-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 21B-28A-29A

County Sweet Grass

T. 1S R. 14E Sec. 21, 28, 29

Photo No. MA-11A-201-202

Legal Land Owner J. A. Charbonneau Address Billings

Operator Conrad Kaufman Address "

Water is delivered by:

Federal Project _____ Pres. _____ Pot. _____

Ditch Company _____ Pres. _____ Pot. _____

Irrigation District _____ Pres. _____ Pot. _____

Private System Ellison Ditch (mutual) Pres. None Pot. _____

203 Clause-Rudd Ditch (with 4 users) Totals _____

Flood _____ Pump _____ Reservoir _____ Gravity ✓

Size and Capacity, Pump, etc. _____

Original Appropriator, Company McCrest, Smoot, Clouse App. No. 182, ~~224~~, 175, 176

Original Appropriator, Private Andrews & Ellison App. No. ~~162~~, ~~194~~ 203

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____, about 80 acres

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply Yes ✓ No _____

Explain _____

Topography Slight slope to river

Information From Mr. Kaufman

Remarks Says he does not use any of Ellison Ditch water. Has flume across Ellison ditch from private ditch.

(34)

Has (Crest Right)
Private ditch: (Clause-Rudd Ditch)
Headgate on east bank of river near south line Sec 28; SW ¼. Extending north to north easterly to about center of sec 28 where it forks.
West branch continues north to river, and supension flume across river, then north terminating near north line of Sec. 21
Also has two metal flumes (Tresel type) about 24" by 30 or 40 ft in length across dry coulee's.
Irrigates crop and pasture land in sec. 28 and 21.
Couple years ago, flume across river went out, and they tryed pump but was unsuccessful as pump was set up wrong.
So they replaced flume.

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 SW GRASS
Code No. 21B-28A-29A

Name of Land Owner CHARBONEAU, J. A. Address BILLINGS
Name of Operator Conrad Kaufman Address Big Timber
Legal Description

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

North

Code No. 21B-28A System Clause-Rudd Ditch Source of Water Boulder River
Basin Boulder River Present 87 Potential 0 Maximum 87 R✓ F ____ P ____ G ____ S ____
Code No. 21B System Ellison Ditch Source of Water Boulder River
Basin Boulder River Present 8 Potential 0 Maximum 8 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 ____

Point of div. on east bank of river NE, NE ¼, sec 21
Twp. 1 S. Rge. 14 E

McKenzie-Clause-Weaver Ditch (Mutual)

Has 10 M.I.
Irrigates about 3 acres, ditch in good condition
cleaned about 1½ yr. ago.
Concrete structure with double wooden lift headgate
Length ¼ miles.

Lamp or Nelson Ditch (Mutual)

Has no water Right in ditch.
Irrigates about ¾ acre (garden)

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. 116

County Sweet Grass

Area East Side Boulder R.

T. 1S R. 14E Sec. 11

Date 4/26/50

Photo No. MA-11A-202

Legal Land Owner C. O. Davis Address Big Timber

Operator " " Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

177 McKenzie — Private System Clause-Weaver Ditch (Mutual) Pres. ~~5 acres~~ Pot.

184 ~~A~~ Lamp-or-Nelson Ditch (Mutual) Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Lyon, H.G App. No. 524

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 Martin Creek, Boulder River.

Acres Irrigated 19 , ~~3 acres~~

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply..... Yes ✓ No

Explain Was cleaned about 1½ yr. ago.

Topography River Valley

Information From C O Davis

Remarks Irrigates garden ¾ acres out of Lamp Ditch

T1S - R14E

	B						
				11			

(34)

Form W2-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. 11 B

Name of Land Owner DAVIS, C. O. Address BIG TIMBER
Name of Operator Same Address " "
Legal Description

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

North

Code No. 11 B System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 3 Potential 0 Maximum 3 R ✓ F ____ P ____ G ____ S ____
Code No. 11 B System Lamp-Nelson Ditch Source of Water Boulder River
Basin Boulder River Present 3/4 Potential 0 Maximum 3/4 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 ____

Form WR-B
Reporter 30168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

d. SW GRASS
Code No. 31B-32D

Name of Land Owner: DUTTON, LAURA Address: Livingston
Name of Operator: ED. WEBBER Address: Big Timber
Legal Description: ____

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

North

Code No. 31B-32D System: Dutton-Conant Ditch Source of Water: Boulder River
Basin: Boulder River Present: 59 Potential: 0 Maximum: 59 R. ✓ F. ____ P. ____ G. ____ S. ____

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

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

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

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

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

Information from ____ Date ____

Farm Checked

By Dave & Joe

Area Boulder River

Date 6/13/50

FORM F-1 REPORTER IN 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

Code No. 31-B-32D

County Sweet Grass

T. 15 R. 14E Sec. 31-32

MA-11A-90

Photo No. MA-11A-201

Legal Land Owner Laura Dutton Address Livingston

Operator Ed. Webber Address Big Timber

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

Private System ✓ Dutton-Conant Ditch Pres. ____ Pot. ____

Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company ____ App. No. ____

Original Appropriator, Private Conant, Charles App. No. 178

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 1950 ____

Potential Acres ____ Seeped ____

Explain ____

Condition of System Good

Adequate Supply..... Yes ✓ No ____

Explain ____

Topography ____

Information From Mrs. Webber

Remarks For Dutton-Conant ditch

See form (40)

(34)

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area E. Side Boulder R.

Date 4/26/50

Code No. 10A-11D-14B-23C

County Sweet Grass

T. 1S R. 14E Sec. 10,11,14,23

Photo No. MA-11A 20

Legal Land Owner Lydia Gates Address

Operator Claude Doig Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

(1) 177 McKenzie ~~Irrigation District~~ Clausa-Weaver Ditch (Mutual) Pres. 20 acres Pot.

(2) 184 Private System Lamp - Nelson Ditch (Mutual) Pres. 80 acres Pot. 5 acres

Totals 100 acres

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No. 184

Original Appropriator, Private ~~Anderson, James & Elton T.~~ App. No. ~~194~~ 177

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 1950, 100 acres

Potential Acres 5 acres Seeped

Explain By leveling

Condition of System good

Adequate Supply..... Yes ✓ No

Explain

Topography River Valley

Information From Claude Doig

Remarks

T1S - R14E

see attached plat

(34)

McKenzie - Clause - Weaver Ditch (Mutual)

Has 1 share — Point of div. on east bank NE¼NE¼ Sec. 21. Headgate Concrete with double wooden lift headgates; concrete poured May 5th 1947

Length of ditch about 4 miles

Lamp or Nelson Ditch (Mutual)

Has 1 share

Ditch headgate located in N.W.¼; Lot 7, Sec. 15, Twp. 1 S - Rge. 14 E.

Has 4 users, all have plenty water.

Each user does his share in maintaining ditch.

Length of ditch about 4 miles

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

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 1S Range 14E County Sweet Grass

Township 1S 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. 10A-11D-14B-23C

Name of Land Owner GATES, LYDIA Address
Name of Operator CLAUDE DOIG Address Big Timber
Legal Description

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

Code No. 10A System Clause-Weaver Ditch Source of Water Boulder River
Basin Boulder River Present 1.8 Potential 0 Maximum 1.8 R ✓ F P G S

Code No. 10A System Lamp-Nelson Ditch Source of Water Boulder River
Basin Boulder River Present 80 Potential 0 Maximum 80 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 & Ed

Area Big Timber

Date 8-14-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 2B-3A-3B-10B

County Sweet Grass

T. 15 R. 14E Sec. 23-10

Photo No. MA-11A-202 MA-11A-203

Legal Land Owner Claude Gray (& Nellie) Address Big Timber

Operator " " Address " "

Water is delivered by:

Federal Project Pres. Pot.

~~Ditch Company~~ ~~Whistle Creek private ditch~~ Pres. Pot.

(1) ~~Irrigation District~~ Ellison Ditch (mutual) Pres. Plim. Pot.

(2) Private System Post-Kellogg Ditch (mutual) Pres. Plim. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company F. Bliss, J. Ellison, Hollowpeter (Ellison D) App. No. 168, 193, 198, 199, 6A Spring

Original Appropriator, Private E.H. Budd, J.H. White & P-K. ditch) D. Curtis App. No. 172 184

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, (Whistle Creek) Not in use

Acres Irrigated 1950

Potential Acres Seeped

Explain

Condition of System

Adequate Supply Yes No

Explain

Topography

Information From

Remarks See master form in (28) for total acreage all under same systems

(3a)

① has 480 m.I.

② has 450 m.I.

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

Cou._____
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. 3A-10B System Ellison Ditch Source of Water Boulder River
Basin Boulder River Present 253 Potential 0 Maximum 253 R✓ F__ P__ G__ S__
Code No. 3A-2B System Post-Kellogg Ditch Source of Water Boulder River
Basin Boulder River Present 47 Potential 0 Maximum 47 R✓ F__ P__ G__ S__
Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__
Code No.____ System____ Source of Water____
Basin____ Present____ Potential____ Maximum____ R__ F__ P__ G__ S__

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

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

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

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area East Side Boulder River

Date 4/26/50

Code No. 2C-10E-11A

County Sweet Grass

T. 1S R. 14E Sec. 10 & 11

Photo No. MA-11A-202 MA-11A-203

Legal Land Owner Ed Hauge Address Big Timber

Operator Ted Hetland Address " "

Water is delivered by:

Federal Project ____ Pres. ____ Pot. ____

Ditch Company ____ Pres. ____ Pot. ____

Irrigation District ____ Pres. ____ Pot. ____

177 Private System McKenzie-Clause-Weaver Ditch (Mutual) Pres. ____ Pot. ____

184 Lamp-or-Nelson Ditch (Mutual) Totals ____

Flood ____ Pump ____ Reservoir ____ Gravity ✓

Size and Capacity, Pump, etc. ____

Original Appropriator, Company Curtis, Dana; Anderson James & Ellison J App. No. 184, 194

Original Appropriator, Private Lyon, H.G.; Hallopeter, B.S. App. No. 524, 694

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 (App. No 524), Martin Creek, Spring Creek (694)

Acres Irrigated 1950 ____

Potential Acres ____ Seeped ____

Explain ____

Condition of System good

Adequate Supply..... Yes ✓ No ____

Explain McKenzie-C-W-D. Cleaned 1½ yrs. ago.

Topography River Valley

Information From C. O. Davis

Remarks Spring Creek on West side of river not for this Land.

T 1S - R14E

(34)

McKenzie-Clause-Weaver Ditch (Mutual) 4 users.

Has 150 M.I. — 1 share
Concrete with double wooden lift headgates
Concrete poured May 5th, 1947. In good condition
Heads on east bank NE, NE¼, Sec. 21
Was old Lyons ranch.
Water from Martin creek would be very little
Spring run off & would be picked up by
Lamp or Nelson Ditch: (Mutual)
Irrigates about 2 acres.
C.O. Davis said he didn't know if Hange had
water Right or not.
Place just been sold (new owner?)
Headgate: Concrete with double wooden
lift headgates.
Heads east bank SW, NW¼, Sec. 15
Length of ditch about 4 miles.

McKenzie-Clause-Weaver ditch as ditch
Crosses Martin Creek.
Length of ditch 4 miles.

Form WR-B
Reporter 20168 2M 12-49

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

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

Coun. SW GRASS
Code No. 20-10E-11A

Name of Land Owner HAUGE, ED Address BIG TIMBER
Name of Operator TED HETLAND Address " "
Legal Description

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

North

Code No. 10E System Lamp-Nelson Ditch Source of Water Boulder River
Basin Boulder River Present 2 Potential 0 Maximum 2 R ✓ F P G S
Code No. 10E System Clause-Weaver 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

Farm Checked

FORM F-1 REPORTER 1M 3-49 17380

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

By Dave & Joe

Area E. side Boulder R.

Date 6/2/50

Code No. 1A

County Sweet Grass

T. 1S R. 14E Sec. 1

Photo No. MA-11A-160

Legal Land Owner F. M. Lamp-est Address Big Timber

Operator Mary Lamp Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Dry Land Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private Lamp, F. M. & Priddy, James T. App. No. 1026

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____,

Potential Acres Seeped

Explain

Condition of System

Adequate Supply..... Yes No

Explain

Topography Beach dry (possibly filed

Information From for stock water)

Remarks

T1S - R14E

34

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. 27B-28D&B

County Sweet Grass

Area E. Side Boulder R.

T. 1S R. 14E Sec. 27-28

Date 6/3/50

Photo No. MA-11A-201

Legal Land Owner Tanger Lomeland Address Big Timber

Operator " " Address " "

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

~~Irrigation District~~ Lee Smoot Ditch Pres. 7 cc. Pot.

Private System 203 Clause-Rudd Ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Clause, Frank & Ida J; Crest, Martin App. No. 175, 176, 182

Original Appropriator, Private Smoot, Mattie; Clause, Frank App. No. 224, 648

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

Acres Irrigated 1950,

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply..... Yes ✓ No

Explain

Topography slight slope to River Bottom

Information From Lee Smoot

Remarks Ellison or maybe Clause

Right on Sharpy Creek,

(desert Claim) Does not belong to

This place now, as was sold to Lee Smoot.

(Not in use at present)

34

Clause-Rudd Ditch (Has Clause Right)
Headgate on east bank of river near southline SW¼, Sec. 28
Extending north to northeast to about center of sec 28 where it forks.
He has land under these two forks of ditch which he irrigates.

Lee Smoot Ditch.
Has 400 inches in ditch, but irrigates about 7 acres under it.
Smoot ditch heads on east bank of river in the NW. of SE¼, Sec. 32

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

Coun. SW GRASS
Code No. 27B-28D & B

Name of Land Owner LOMELAND, TORGER Address BIG TIMBER
Name of Operator Same Address " "
Legal Description

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

North

Code No. 22B	System Smoot Ditch	Source of Water Boulder River									
Basin Boulder River	Present 20	Potential 0	Maximum 20	R ✓	F	P	G	S			
Code No 22B	System Clause-Rudd Ditch	Source of Water Boulder River									
Basin Boulder River	Present 62	Potential 0	Maximum 62	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 + Ed

Area Big Timber

Date 3-14-50

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 16A

County Sweet Grass

T. 1S R. 14E Sec. 16

Photo No. MA-11A-202

Legal Land Owner State of Montana Address Helena

Operator Andy Vannoy Address Big Timber

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 John Ellison App. No. 193

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 1950 about 25 acres

Potential Acres _____ Seeped _____

Explain _____

Condition of System good

Adequate Supply Yes ✓ No _____

Explain Has all the water he can use

Topography River Valley

Information From Andy Vannoy

Remarks This land a little rough hard to irrigate all.

34

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. 16A

Name of Land Owner: MONTANA STATE OF Address:
Name of Operator: ANDY VANNOY Address: BIG TIMBER
Legal Description:

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

North

Code No. 16 A System Ellison Ditch Source of Water Boulder River
Basin Boulder River Present 33 Potential 0 Maximum 33 R K 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 M.V. + J.B.

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. 36A

County Sweet Grass

T. 1S R. 14E Sec. 36

Photo No. MA-17A-162

Legal Land Owner Montana, State of Address

Operator Beley, Amelia Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Rudd ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private No appropriation 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 East Fk Upper Deer Cr.

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System Good

Adequate Supply..... Yes ✓ No

Explain Year around flow in Stream

Topography Creek bottom

Information From Ray Rudd

Remarks over

34

There is a garden spot of about one acre in SE¼SE¼ Sec 36 - T15 - R14E which is irrigated by the Rudd ditch. The point of diversion of this ditch is in the SE¼NE¼ Sec 1 T25-R14E. on the east bank of East Fork of Upper Deer Cr.

This ditch was dug in 1950 and there is no filing for water for this ditch.

Form WR-B
Reporter 20168 2M 12-49

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. 36 A

Name of Land Owner Montana State Of Address
Name of Operator Beley, Amelia Address Big Timber
Legal Description

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

North

Code No. 36 A System Rudd Ditch Source of Water E. Fk. Upper Deer Cr.
Basin Yellowstone R. Present 1 Potential 0 Maximum 1 R. ✓ F. ____ P. ____ G. ____ S. ____

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

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

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

Area

Date

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Code No. 31C

County Sweet Grass

T. 15 R. 14E Sec. 31

Photo No.

Legal Land Owner Pat McComb Address

Operator " " Address

Water is delivered by:

Federal Project Pres. Pot.

Ditch Company Pres. Pot.

Irrigation District Pres. Pot.

Private System Conant-Dutton Ditch Pres. Pot.

Totals

Flood Pump Reservoir Gravity

Size and Capacity, Pump, etc.

Original Appropriator, Company App. No.

Original Appropriator, Private App. No.

Is the system an extension of another system? Yes No

Is all land irrigated from one system? Yes No

(If No, show break down on map)

Source of Water Boulder River

Acres Irrigated 19

Potential Acres Seeped

Explain

Condition of System

Adequate Supply Yes No

Explain

Topography

Information From

Remarks

Form WR-B
Reporter 20168 2M 12-49

Twp. 15 Rge. 14E
Twp. ____ Rge. ____
Twp. ____ Rge. ____

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FARM MAP

County Sw. Grass
Code No. 31C

Name of Land Owner Pat McCamb Address
Name of Operator " " Address
Legal Description

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

North

Code No. 31C System Dutton-Grant Ditch Source of Water Boulder River
Basin Boulder River Present 10 Potential 0 Maximum 10 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 Dave & Joe

Area Dry Creek

Date 4/26/50

STATE OF MONTANA

State Engineer's Office

WATER RESOURCES SURVEY

FORM F-1 REPORTER 1M 3-49 17380

Code No. 18-2A-5D-11C 12A-13C-14A

County Sweet Grass

T. 15 R. 14E Sec. 1-2-3-11 12-13-14

Photo No. MA-17A-160 MA-11A-202 MA-11A-203

Legal Land Owner John Rostad Address

Operator Clarence Rostad Address Big Timber

Water is delivered by:

Federal Project Pres. Pot.

188 (1) Ditch Company Dry Creek Canal Co. Pres. Pot.

Irrigation District Pres. Pot.

184 (2) Private System Lamp-Nelson Ditch (Mutual) Pres. Pot.

177 (3) McKenzie Clause-Weaver Ditch (Mutual) Totals

Flood Pump Reservoir Gravity ✓

Size and Capacity, Pump, etc.

Original Appropriator, Company Budd, Ella White, J.H; Curtis, Dana etal App. No. 177, 172, 184

Original Appropriator, Private Hallopeter, B.S. et ux, McKenzie, Charles App. No. 199, 211

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 1950

Potential Acres Seeped

Explain

Condition of System good

Adequate Supply..... Yes ✓ No

Explain

Topography River Valley

Information From Claude Doig

Remarks

See attached plat

(34)

①	Has right of way Right, Equal to two ② shares	
	See Dry Creek Canal Co. Form).	
②	Has ~~½ interest~~ 2 shares?	
	Point of div. east bank of river	S.W. NW ¼
	Sec. 15 - Twp - 1 S - Rge. 14 E	
	Concrete structure with double wooden lift	
	headgates. Length of ditch about 4 miles.	
③	McKenzie - Clause - Weaver Ditch:	
	Has 2 shares	
	Point of diversion on east bank	of river
	NE, NE ¼, sec. 21, Twp 1 S. - Rge 14 E.	
	Concrete structure with double	wooden
	lift headgates.	
	Concrete poured May, 5th. 1947.	
	Length of ditch 4 miles.	

FORM D-1 - GAZETTE 1664.2M-4-47

STATE OF MONTANA

STATE ENGINEER'S OFFICE

WATER RESOURCES SURVEY

Township 15 Range 13E County Sweet Grass

Township 15 Range 13E

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 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
Legal Description:

Land Under Existing Facilities

Source of Water: Boulder River
Acreage: 39 R ✓ F ____ P ____ G ____ S ____

Code No. ____ 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 ____