GROUNDWATER INDEX

County Dawson Twp. N. L. D. Rge.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	Carney, Richard P.	4 & 2	293548	
	~~Cheek, Al~~	~~4 & 2~~	~~3166061~~	T 16N. R 55E
	~~Dawson Co. Imp.~~	~~4 & 2~~	~~307373~~	T 16N. R 55E
	Hess, John	4 & 2		
	Johnston, Dave	4 & 2	303874	
	Stecklee, Budd	4 & 2	3034467	
	Steckler, Henry	57 Well log		
	Steeter, Harold	57 Well log		

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329 3

File No.....

STATE WATER CONSERVATION BOARD
RECEIVED
SEP 16 1965

T.....R.....

DUPLICATE

County.....Dawson

LOG

REFERRED TO.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0-8 fill
8-35 Gravel & sand
35-45 Gray clay
45-48 sandy clay
48-52 clay
52-58 sand
58-61 blue clay
61-64 Sandy Blue Clay
64-84 Blue sand
84-87 Brown Clay

Owner Richard L. Carney Address Glendive

Driller Alpine water well Drilling Address Glendive

Date of Notice of appropriation of groundwater.....

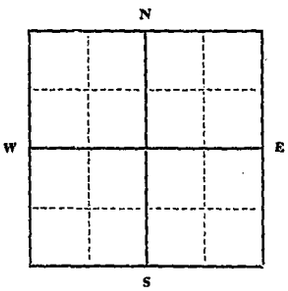
Date well started 7-19-65 Date completed 7-24-65

Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Rotary (Churn drill, rotary or other)

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"		0	40			
4"	4½	40 -1	87 59	~~Tech~~ ~~Slot~~ 3/16" x 6"	53	59



.....¼..... Sec..... T..... R.....
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 48 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed

Length of Test 2 - Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff).....

.....(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

61
Driller's License Number

Otto Allison
Driller's Signature

39594

293548

STATE OF MONTANA
County of Dawson
Filed for record this 15th day of
Sept. A. D. 1965 at
9:45 o'clock A. M.
Gordon W. Russell
County Clerk & Recorder
By Alice Austly Deputy

Fee pd. $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.....

T.....R.....

DUPLICATE

County Dawson

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level.....)

0 - 3 Topsoil
3 - 10 Yellow sandy shale
10 - 15 Sand & gravel
15 - 36 Yellow sand
36 - 50 Gray sandy shale
50 - 55 Gray sand
55 - 60 Gray sandy shale
60 - 64 Blk shale & coal
64 - 76 Coal
76 - 85 Gray shale
85 - 87 Gray sand
87 - 93 Rock
93 - 110 Gray sand
110 - 116 Gray shale

Show exact depth of bottom.

Owner John Hess Address CSR Glendive, Mont.

Driller Joe Johnson Drlg. Address Terry, Montana

Date of Notice of appropriation of groundwater.....

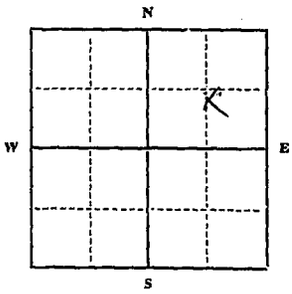
Date well started 4/15/68 Date completed 4/17/68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tool (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" ID	6" 11#/ft.	0	116	holes 3/8"	76	116



.....¼.....Sec..... T..... R.....

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 110 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailer

Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packed top to bottom

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

John E Hess

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

154
Driller's License Number

Driller's Signature Joe Johnson

44,252

STATE OF MONTANA
County of Dawson
Filed for record this 24th day of
June A. D. 19 67 at
2:05 o'clock P M.
Gordon W Russell
County Clerk & Recorder
By _____ Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.....

T.....R.....

DUPLICATE

County.....

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 17 1968

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level.....)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Dave Johnston Address Richey Montana

Driller Derr Drilling Co. Address Wolf Point Mont.

Date of Notice of appropriation of groundwater 7-20-68

Date well started 7-20-68 Date completed 7-20-68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Rotary (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

0 - 35' yellow Clay

35'-155' gray Clay

155'-160' Coal

160' - 235' gray Sande Stone

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
9"	5"	0	228'	5"	208'	228

N

W E

S

Static Water Level for non-flowing well .....feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level.....feet

at 4 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Bailed

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Gravel Packt

.....¼.....Sec.....T.....R.....

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

State Licen No. 63
Driller's License Number

John H Derr
Driller's Signature.

44,575

303874

STATE OF MONTANA
County of Dawson
Filed for record this 16th day of
Sept A. D. 19 68 at
2:00 o'clock P M.
Gordon H Russell
County Clerk & Recorder
By Patricia Peterson Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564[illegible]3

File No.....

T.....R.....

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
LOG AUG 1 1980

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground _____

(Elev. above sea level.....)

0-14 Gray Shale
14-35 Sand & Gravel
35-40 Gray Shale
40-43 Gray Sandrock
43-50 Gray Sand
50-65 Gray Shale
65-80 Brn. Shale
80-90 Gray Shale
90-100 Gray Sand
100-105 Gray Shale & Coal
105- T.D.

Show exact depth of bottom.

Owner Rudd Stoelnke Address Glendive

Driller Joe Johnson Drlg Address Terry

Date of Notice of appropriation of groundwater.....

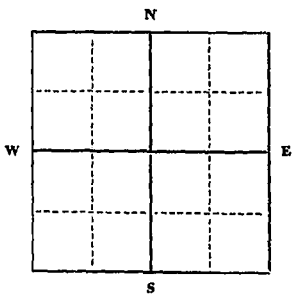
Date well started 7/16/68 Date completed 7/17/68

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Rotary (Churn drill, rotary or other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	5" ID 15 #/ft.	+1	38	holes 3/8"	23	38
5"	4" ID ?	33	105	Holes 3/8"	40 80	50 95



.....¼.....Sec..... T..... R.....

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 45 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level 70 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well .....

How Tested Air

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) All Casing furnished by owner. Part of 4" was old Gas line & had been Coated.

.....(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

154
Driller's License Number

Joe Johnson
Driller's Signature

44,464

303467

303467

STATE OF MONTANA
County of Dawson
Filed for record this 30th day of
July A. D. 1968 at
1:15 o'clock P. M.
Gordon W. Russell
County Clerk & Recorder
By Dorothy M. Wagner Deputy

RECEIVED
JUN 13 1959
STATE ENGINEER

T..... R.....
County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Henry Stebler Address Glendive, Montana
Driller Elton Addison Address Glendive, Montana
Date Started 5-28-59 Date Completed 5-29-59
Location: Sec..... T..... R..... ¼ sec.....

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Rotary (Churn drill, rotary, other)

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other:.....

Casing: -1 ft. to 90 ft. Type Heavy Black Size 4½" O.D.
Casing:..... ft. to..... ft. Type..... Size.....
Casing:..... ft. to..... ft. Type..... Size.....

Perforated or Screened: Ft. 78 to ft. 90 Ft..... to ft.....
Type of screen or perforations Torch Slots
Static Water level, for non-flowing well: 10 feet.
Shut-in pressure, for flowing well:..... lb./sq. in. on:..... (date)
Pumping water level 16 feet at 30 gal. per min. 1 min.
How tested: Bailed
Length of test 1½ hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Packoff Ring @ 36' outside Casing

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	4	Sandy Soil
4	22	Gravel & Sand
22	30	Black Shale
30	35	Sandy Clay
35	54	Br. & Blue Clay
54	55	Br. Clay & Coal
55	68	Clay
68	76	Sandy Clay
76	90	Sand

T.....R.....

County.....

RECEIVED
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

DEC 29 1961
4:00 p.m.

WATER WELL LOG

Owner: Harold Wester Address: Glendive, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: 6-15-57 Date Completed: 6-18-57

Location: Sec..... T..... R..... ¼ sec.....

Type of well: drilled (Dug, driven, bored, or drilled) Equipment used: cable (Churn drill, rotary, other)

Water use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [xx] Drainage [ ] Other:.....

Casing: surface ft. to 31 ft. Type steel Size 10"

Casing: surface ft. to 116 ft. Type steel Size 6"

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. 90 to ft. 116 Ft..... to ft.....

Type of screen or perforations: holes

Static Water level, for non-flowing well: 50 feet.

Shut-in pressure, for flowing well:.....lb./sq. in. on:..... (date)

Pumping water level 45 feet at 50 gal. per min.

How tested: bailer

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	15	gumbo
15	31	gravel, quick sand and water
31	33	sand rock
33	50	water sand some water--6 gal per min
50	58	sand rock
58	90	gumbo
90	116	water sand lots of water
116		hard rock

GW-1's NO GW-2's

GW 1

File No.....

T. 22 R. 52

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, G. T. BALDWIN (Name of Appropriator), of RICHEY (Address) (Town) County of DAWSON, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is
WATERING LIVE STOCK
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
1 GALLON PER MINUTE

4. The annual period (inclusive dates) of intended use YEAR AROUND

5. The probable or intended date of first beneficial use 1899

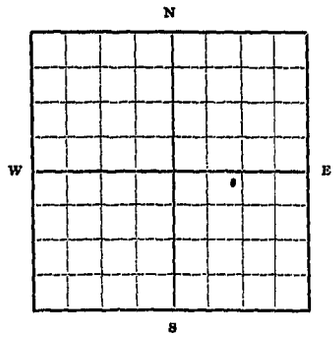
6. The probable or intended date of commencement and completion of the well* or wells*
1930

7. The location, type, size and depth of well or wells contemplated EXCAVATION IN BANK WITH CONCRETE TANK BURIED IN TRENCH

8. The probable or estimated depth of the water table or artesian aquifer 6' OF COAL

9. Name, address and license number of the driller engaged NONE

10. Give such other similar information as may be useful in carrying out the policy of this act
THIS IS ACTUALLY A SPRING BUT AS DEFINED IN CODE SEC. 1. IT MUST BE CONSIDERED A WELL.



N.W. ¼ S.E. ¼ Sec. 1 T. 22 R. 52

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator G. T. Baldwin

Date Dec. 28, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31783

286660

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 3:00 o'clock P. M.

Gordon E. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee pd. $2.00

GW 1

File No.....

T. 22 R. 52

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, G. T. BALDWIN (Name of Appropriator), of ..... (Address) Richey (Town) County of DAWSON, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is STOCK WATER

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

½ G.P.M.

4. The annual period (inclusive dates) of intended use YEAR AROUND

5. The probable or intended date of first beneficial use 1950

6. The probable or intended date of commencement and completion of the well* or wells*

IMPROVED IN 1955 SW ?

7. The location, type, size and depth of well or wells contemplated Creek bottom

NATURAL FLOW THRU TRENCH

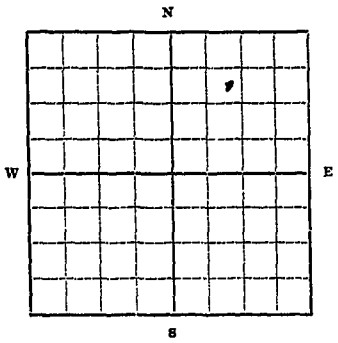
8. The probable or estimated depth of the water table or artesian aquifer 3'

9. Name, address and license number of the driller engaged

WORK DONE AT HOME

10. Give such other similar information as may be useful in carrying out the policy of this act

THIS IS ACTUALLY A SPRING, BUT AS DEFINED IN Code Sec. 1, IT MUST be CONSIDERED A WELL



N.W.¼ N.E.¼ Sec. 1 T. 22 R. 52

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator G. T. Baldwin

Date Dec. 28, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

31784

286661

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 3:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee pd. $2.00