RECEIVED

JAN 29 1973

MONTANA STATE BOARD OF HAPPIEL RESOURCES AND CONSERVATION

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

32

T. 15 R. 51

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

LICATE

LOG

Top of Ground

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

0-55-yellow clay

55-58-yellow SAND

58-66 Blue clay

66-71 Blue SAND

71-78 Blue clay

78'

Show exact depth of bottom.

Owner 52 Ranch Inc Address Lindsay

Driller Dan Haggerty Address Lindsay

Date of Notice of appropriation of groundwater 6-7-72

Date well started 6-5-72 Date completed 6-6-72

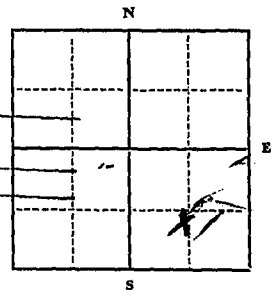
Type of well drilled (Dug, driven, bored or drilled) Equipment used Churn drill (Churn drill, rotary or other)

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"	4" plastic	0	78'	Sawed slots	58	78

Doc. No. 318358
Filed for record
this 26th day of Jan.
A. D. 19 73, at 11:37
o'clock A.M.



Static Water Level for non-flowing well 35 feet.

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

Pumping Water Level 75' feet

at 4 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) outside gravel packed

SE¼ Sec. 32 T. 15 N. R. 51 E.

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).

13

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.

Driller's License Number

Daniel G. Haggerty

Driller's Signature.

52,307

318358

STATE OF MONTANA
County of Dawson
Filed for record this 26th day of
January A.D. 19 73 at
11:37 o'clock a.m.
Gordon H. Russell
County Clerk & Recorder
By Madelyn Hoefill Deputy
Fee #2.00 Pd.

Approved Stock Form—State Publishing Co., Helena, Montana—41921

34

File No.....

T. 15 R. 51

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

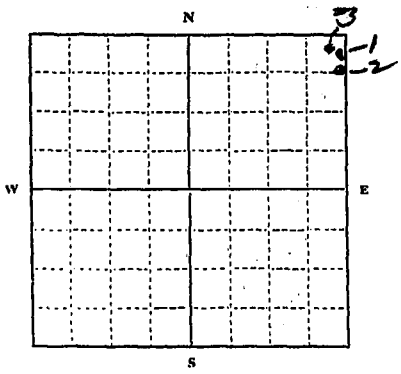
RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Conrad H. Hess (Name of Appropriator), of 300 E. Mann St., (Address) Glendive (Town)

County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 34 T. 15 R. 51

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based (1) stock water; (2) stock water; (3) stock water and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1932, constant; (2) 1939, constant; (3) 1951, constant.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 3 gallons; (2) 4 gallons; (3) 5 gallons.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) windmill or motor; (2) pump and motor; (3) electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (1) 1932; (2) 1939; (3) 1951

8. The depth of water table (1) 20 ft. (2) 20 ft. (3) 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (1) hand dug, 2 ft. diameter, 32 ft.; (2) hand-dug, 2 ft. diameter, 28 ft. depth; (3) drilled, 4 inch casing, 72 ft. depth.

10. The estimated amount of groundwater withdrawn each year (1) 200,000 gal. (2) 180,000 gal. (3) 200,000 gal.

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available.

Signature of Owner Conrad H. Hess

Date December 30, 1963

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31806

286689

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 19 63, at 3:00 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

Fee Pd. $2.00

GROUNDWATER INDEX

County Dawson Twp. 15N Rge. 52E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Moffett, Donald W.	GW4	286593	
3	Seaser, H. G.	GW2	304440	
4	Hess, Joseph J. + Conrad H.	GW4	286691	
6	Konig, Ludwig	57 Well Log	—	
6	McMakin, Robert	GW2	286111	
7	McMakin, Robert	GW2	285225	
9	Hess, Brothers	57 Well Log	—	
9	Hess, Brothers	57 Well Log	—	
9	Hess, Brothers Joseph + Conrad	GW4	286692	
10	Seaser, Mrs. Louise	GW2	306864	
13	Latka, A. R.	GW3	287037	
14	Cornelissen, Edwin	GW3	286934	
15	Seaser, Hugh	~~57~~ Well Log	—	
15	Seaser, Hugh	57 Well Log	—	
16	Montana, State of	GW4	286907	
18	52 Ranch, Inc.	GW4	286131	
20	McMakin, Robert	GW2	310460	
21	Moffett, Donald W.	GW3	286592	
24	Latka, A. R.	GW3	287037	See Sec. 13 Above
24	Latka, A. R.	GW4	287036	
24	Latka, Tony	57 Well Log	—	
~~31~~	~~Hess, Albert + Emma~~	~~GW4~~	~~286562~~	TRANSFERRED
32	Konig, Ludwig	57 Well Log	—	
34	Fornall, Karl	GW2	296220	
34	Fornall, Karl	GW4	284855	
35	Lye, Robert	GW2	306617	
35	Lye, Robert	GW2	286335	
35	Lye, Robert	GW2	286334	
34	Fornall, Karl	GW3	286590	~~See Sec. 3 Twp 14N Rge. 52E~~
16	Hess, Joseph J. + Conrad H	GW3	286691	

GW

Approved Stock Form:—State Publishing Co., Helena, Montana—41921

File No.....

T. 15 R. 52

County Dawson

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

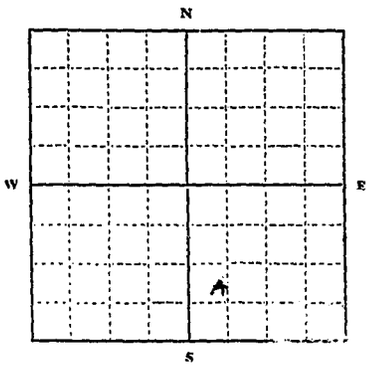
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald W. Moffett (Name of Appropriator), of Box 227 (Address) Fallon (Town)

County of Dawson State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ Sec. 2 T. 15 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Water is used for Livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1930 and continuously ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Five gallons per Minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump Jack and Wind Mill on Sucker type pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1930 — exact Date Not Known

8. The depth of water table 130 Feet to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater the well is a drilled well 210 Feet deep with a 6 inch steel casing.

10. The estimated amount of groundwater withdrawn each year 10,000 gallons

11. The log of formations encountered in the drilling of each well if available Not Available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Donald W. Moffett

Date 12-27-63

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31731

286593

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of December A. D. 19 63, at 4:00 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No.....

T. 15 R. 52

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 13 1968

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner W. G. Beaver Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater.....

Date well started Oct. 21-1968 Date Completed Oct. 21-1968

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

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

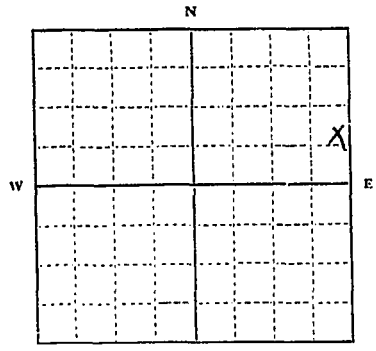
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11 lbs. per ft.	0	20	3/16 x 4" slot cut in casing	14	20

Clay 6 ft

gravel

20 ft. Show exact depth of bottom.



N ¼ E Sec. 3 T. 15 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 11 feet.

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

Pumping Water Level 11 feet at 6 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

44,751

304440

STATE OF MONTANA
County of Dawson
Filed for record this 12th day of
Nov A. D. 1968 at
10:35 o'clock a M.
Gordon R Russell
County Clerk & Recorder
By Patricia Iverson Deputy

6

Form No. 18
8-60

T. 15 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962
STATE ENGINEER

DEC 29 1961
10:50 am.

WATER WELL LOG

Owner Ludwig Konig Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Nov. 5 1961 Date Completed Nov. 8 1961

Location: Sec. 6 T. 15 R. 52 ¼ sec. S.E.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 35 ft. Type steel Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 26 to ft. 35. Ft. to ft.

Type of screen or perforations ~~slots~~ cut in casing

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level 16 feet at 6 gal. per min.

How tested: slush bucket

Length of test one hour

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	18	light clay mixed with a little sand
18	35	gravel

GW 2

File No.....

DUPLICATE

T 15 R 52

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

30	yellow shale
26	Grey shale
3	coal
7	brown shale
4	grey shale
12	soft shale, streak of sand, a little water
14	grey shale
6	brown shale
6	grey shale
18	water sand, streaks of grey shale
2	blue shale

Total Depth 128

128 Show exact depth of bottom.

Owner Robert McMakin Address Fallon, Montana

Driller Ira C. Bond Address Terry, Montana

Date of Notice of Appropriation of Groundwater .....

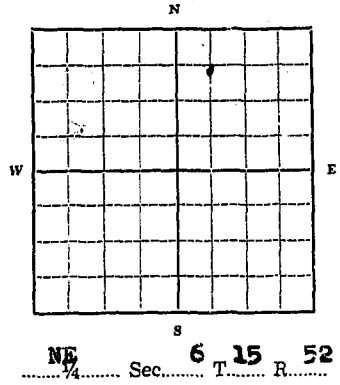
Date well started 11/19/63 Date Completed 11/23/63

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Cable (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)
5 5/8	4" ID 10.89	surface	128'	5/16 Burned	108	126



NE ¼ Sec. 6 T. 15 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 40 feet.

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

Pumping Water Level 30 feet at 5 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, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Robert McMakin

37
Driller's License Number

Ira C. Bond
Driller's Signature

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.

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.

8102

286111

STATE OF MONTANA
County of Dawson

Filed for record this 6th day of December A. D. 1963, at 10:00 o'clock A. M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheithie Deputy.

Fee pd. $2.00

GW 2

File No.....

DUPLICATE

T 15 R 52

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 8 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

40	Yellow clay
50	gumbo
2	coal
30	gumbo
16	water sand
4	gumbo

Owner Robert McMakin Address Fallon Montana

Driller Ira c bond Address Terry Montana

Date of Notice of Appropriation of Groundwater .....

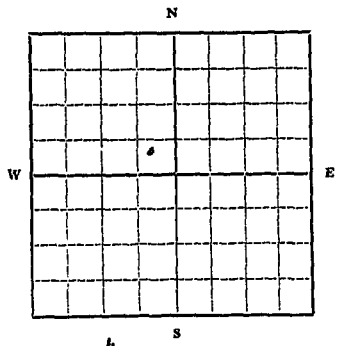
Date well started 6/26/63 Date Completed 6/29/63

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)
5 5/8	4 in. 10.89lb	0	142	holes 5/16	122	138



se 1/4 NW 4 Sec. 7 T 15 R 55

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 100 feet.

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

Pumping Water Level 127 feet at 4 gal. per minute.

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

How Tested with bailer Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Robert McMakin

Show exact depth of bottom. 142 ft.

37
Driller's License Number

Ira C Bond
Driller's Signature

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.

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.

6249

285275

STATE OF MONTANA
County of Dawson

Filed for record this 7th day of Oct. A. D. 1963, at 9:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austhy Deputy.

Fee pd. $2.00

9

Form No. 18
8-60

T. 15 R. 52

County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Hess Brothers Address Glendive, Montana

Driller H. J. Gavin Address Lindsay, Montana

Date Started July 20, 1959 Date Completed July 28, 1959

Location: Sec. 9 T. 15 R. 52 ¼ sec. N. W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 160 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 80 to ft. 160 . Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 70 feet.

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

Pumping water level 130 feet at 4 gal. per min.

How tested: slush bucket

Length of test one hour

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	80	clay
80	160	clay and thin veins of sand

9

T. 15 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 17 1961
STATE ENGINEER

WATER WELL LOG

Owner Hess Brothers Address Glendive Montana

Driller W J Gavin Address Lindsay Montana

Date Started July 20-1959 Date Completed July 28-1959

Location: Sec. 9 T. 15 R. 52 ¼ sec. N.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 160 ft. Type heavy steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 80 to ft. 160 Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 70 feet.

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

Pumping water level 130 feet at 4 gal. per min.

How tested: slush bucket

Length of test one hour

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	80	clay
80	160	clay and thin veins of sand

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.....

T. 15 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

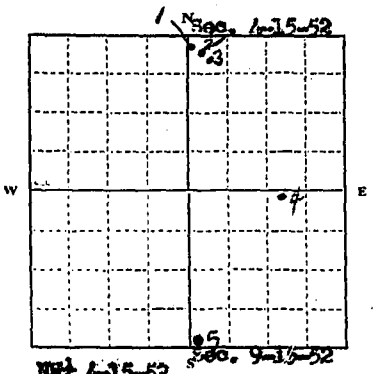
RECEIVED JAN 14 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph J. Hess and Conrad H. Hess, of 300 E. Mann St., Glendive
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 9 T. 15 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based 1,2,3,4,5 -stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1940 ,not used at present;(2) 1954 not used at present; (3) 1939,not used at present; (4) 1958, constant; (5) 1954, not used at present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 5 gal. (2) 5 gal. (3) 5 gal. (4) 7 gal. (5) 4 gal.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) windmill (2 & 3) hand pump, (4) windmill (5) motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (1) 1940, (2) 1954 (3) 1939, (4) 1958, (5) 1954

8. The depth of water table (1,2,3) 30 ft.; (4) 40 ft. (5) 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater (1) drilled, 4 in. casing, 90 ft. deep; (2) drilled, 4 in. casing, 50 ft. deep; (3) drilled, 6 in. casing, 60 ft. deep; (4) drilled, 4 in. casing, 110 ft. deep; (5) drilled, 4 in. casing, 130 ft. deep.

10. The estimated amount of groundwater withdrawn each year (1,2,3,5) none at present; (4) 400,000 gal.

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record No other information available.

Joseph J. Hess
Signature of Owner Conrad H. Hess

Date December 30, 1963

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31809

286692

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 19 63, at 3:00 o'clock P M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee Pd. $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No.....

T. 15 N R. 52 E

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
JUL 25 1969

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mrs Louise Searer Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater.....

Date well started May 29-1969 Date Completed June 2-1969

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

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

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 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)
5"	4" I.D. 10.84 lbs per ft.	0	88	3/16" X 4" slots cut in casing	56'	88'

clay
18' gravel
21
clay
coal
clay
65'
sand
88'

Static Water Level for non-flowing Well 45 feet.

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

Pumping Water Level 73 feet at 4 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Louise Searer

N

W X E

S

N ¼ E Sec. 10 T 15 R 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45479

306864

306864

STATE OF MONTANA
County of Dawson
Filed for record this 24 day of
July A. D. 1969 at
8:40 o'clock a M.
Gordon W Russell
County Clerk & Recorder
By _____ Deputy

Fee $2.00

GW.3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

13/24

File No.....

T. 15 R. 52 E

DUPLICATE

County.....

RECEIVED
JAN 14 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner A.R. Larter Address B-176 Glendive

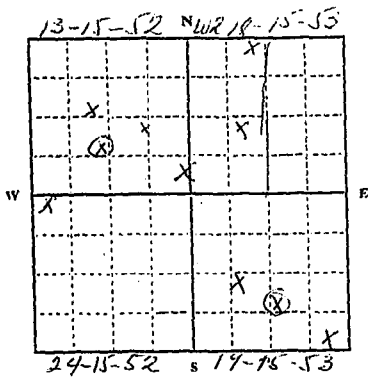
Contractor (if any) None

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Natural Springs



.....¼..... Sec..... T 15 R 52

Indicate point of appropriation and place of use, if possible.

15-53

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.....

⊗ pipe to trough for stock water
X Springs for stock water holes

Signature of Owner A.R. Larter

Date Dec 31 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

32:42

287037

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 19 63, at 4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262 14

File No.....

T. 15 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

SW ?

Date of Appropriation of Groundwater 1947

Owner Edwin Cornelius Address Glendive

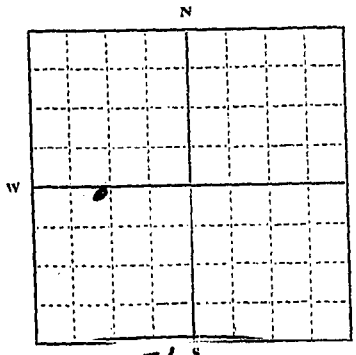
Contractor (if any) no

Address of Contractor .....

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring for stock comes out of creek bottom and side of bank runs about 6 gals per min

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 6 months



.....¼..... Sec. 14 T. 15 R. 52

Indicate point of appropriation and place of use, if possible.

Signature of Owner Edwin Cornelius

Date Dec 31 - 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

32039

286934

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:30 o'clock P M.

Gordon W Russell
County Clerk and Recorder,

By

15

Form No. 18
8-60

T. 15 R. 52

County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

Owner Hugh Searer Address Glendive, Montana

Driller H. J. Gavin Address Lindsay, Montana

Date Started July 15, 1960 Date Completed July 23, 1960

Location: Sec. 15 T. 15 R. 52 ¼ sec. S.W.

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

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

Casing: 0 ft. to 174 ft. Type heavy steel Size 4" I.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 30 to ft. 174. Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 26 feet.

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

Pumping water level 160 feet at 3 gal. per min.

How tested: slush bucket

Length of test 3 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	24	Clay
24	26	sand
26	64	clay
64	70	sand and clay mixed
70	88	clay, a trace of coal at 88
88	110	clay with some sand mixed
110	170	clay with thin veins of sand
170	174	sand

T. 15 R. 52 15

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 17 1961
STATE ENGINEER

WATER WELL LOG

Owner Hugh Bearer Address Glendive Mont.

Driller H. J. Garvin Address Lindsay Mont.

Date Started July 15-1960 Date Completed July 23-1960

Location: Sec. 15 T. 15 R. 52 ¼ sec. S.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 174 ft. Type heavy steel Size 4" I.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 30 to ft. 174 Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 26 feet.

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

Pumping water level 160 feet at 3 gal. per min.

How tested: slush bucket

Length of test 3 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	24	clay
24	26	sand
26	64	clay
64	70	sand and clay mixed
70	88	clay, a trace of coal at 88
88	110	clay with some sand mixed
110	170	clay with thin veins of sand
170	174	sand.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No. F

T. 15 R. 53

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

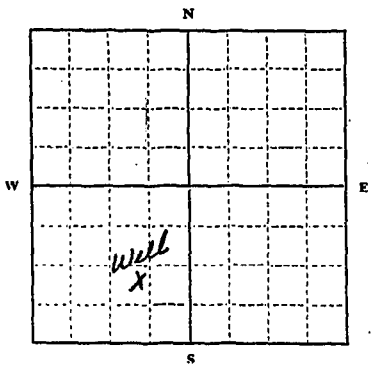
RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. State of Montana, of
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 16 T. 15 R. 53

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 per minute
used 8 months a year

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
wind mill + pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1953

8. The depth of water table no idea

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
This well is 185' deep with 4" casing

10. The estimated amount of groundwater withdrawn each year no idea

11. The log of formations encountered in the drilling of each well if available
no

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
no

Signature of Owner State of Montana By Leonard E. Durand Lessee

Date 12/30/63

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32013

286907

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 3:30 o'clock M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

16

File No. .....

T. 15 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater (1) 1940 (2) 1938

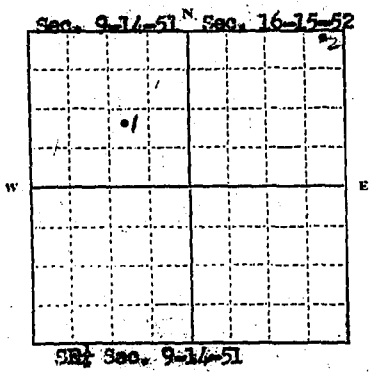
Owner Joseph J. Hess, Conrad H. Hess Address 300 E. Mann St., Glendive, Montana

Contractor (if any) None

Address of Contractor None

Date Started (1) 1940 (2) 1938 Date Completed (1) 1940 (2) 1938

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable (1 & 2) Excavated 2 ft. deep for spring water.



NE ¼ Sec. 16 T. 15 R. 52

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use (1) 2 gal. per minute developed; measured by piping to tank. 400,000 gal. used per year. (2) 1 gal. per minute developed; measured by piping to tank; Used 4 months per year.

Signature of Owner (1) Joseph J. Hess, Conrad H. Hess (2) State of Montana

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

31808

286691

STATE OF MONTANA
County of Dawson

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

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Fee Rd. $2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

18

File No.....

T. 15 R. 52

DUPLICATE

County Dawson

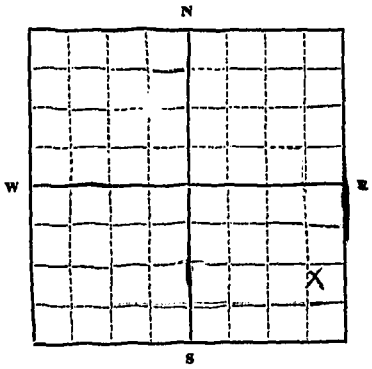
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. 52 Ranch, Inc., of Box 670 Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. E. 1/4 Sec. 18 T. 15 R. 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock Contirous use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ~~July 1, 1961~~ July 1. 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Pumping water level 150 feet at 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump run with an electric motor. and pump jack.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Feb. 10, 1958 Feb 15, 1958.

8. The depth of water table 75 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater type Driven size 6½ inch hole 4 inch casing packed in pea size gravel Top water cemented off.

10. The estimated amount of groundwater withdrawn each year 150 feet at 5 gallon per min.

11. The log of formations encountered in the drilling of each well if available 0 to 25 ft yellow clay, 25 to 50 ft brown clay, 50 to 70 ft gray clay, 70 to 75ft. sand, 75 to 140 ft. gray clay, 140 to 145 cool, 145 to 150 ft. gray clay, 150 to 153 ft. rock, 153 to 175 ft. gray clay.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner 52 Ranch Inc. By John Lewis Pres.

Date December 6th 1963

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

8486

286131

STATE OF MONTANA
County of Dawson

Filed for record this 6th day of December A. D. 1963, at 4:00 o'clock P M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheitlin Deputy.

Fee pd $2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

15N-52E

County Dawson 20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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, last copy to be retained by driller.

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

Owner Robert McMaken

Address Fallon Montana

For Administrator's Use
File 310460
July 21, 1970
10:00 A.M.
GW 1

Date well started June 12-70

completed " 18-70

Type of well drilled (Dug, driven, bored or drilled)

Equipment used churn (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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).

ESTIMATED ANNUAL WITHDRAWAL (AF)

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5"	4" I.D. 11 lbs. per ft.	0	138	3/16 x 4" slotted in casing	75	138

N
W E
S

Static water level 72 ft.*
Pumping water level 113 ft.*
at 5 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by air lift
for one hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE ¼ Sec 20
T. 15 N R. 52 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold Gavin

Driller's Address Lindsay Montana

LICENSE NO. 85

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	30	clay sand mix
30	68	clay
68	76	sand
76	105	clay
105	112	coal
112	125	clay
125	138	sand

138 ft. Show exact depth of bottom

46709

310460

STATE OF MONTANA
County of Dawson
Filed for record this 21st day of
July A D 1970 at
9:05 o'clock a M.
Gordon D Russell
County Clerk & Recorder
By Patricia Peterson Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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, last copy to be retained by driller.

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

Owner Robert M. Maken

Address Fallon Montana

Date well started June 12-70

completed " 13-70

For Administrator's Use
File 310460 July 21, 1970 10:00 A.M.
GW 1

Type of well drilled (Dug, driven, bored or drilled)

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

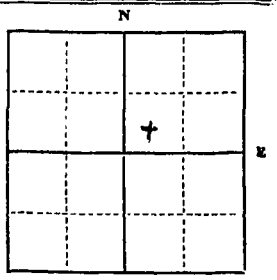
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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).

ESTIMATED ANNUAL WITHDRAWAL 110,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5"	4 I.D. 11.26 lb per ft.	0	138	1/4 x 4" slots cut in casing	75	138



Static water level 72 ft.*
Pumping water level 113 ft.*
at 3 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for 0 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NE ¼ Sec. 20
T. 13 N R. 22 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Harold Devin

Driller's Address Kinsey Montana

LICENSE NO. 85

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	30	clay and [illegible]
30	69	[illegible]
[illegible]	76	[illegible]
76	113	clay
113	112	coal
112	123	clay
123	137	[illegible]

138 ft. Show exact depth of bottom

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

21

File No.....

T. 15 R. 52

DUPLICATE

County Dawson

RECEIVED
JAN 14 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-27-63

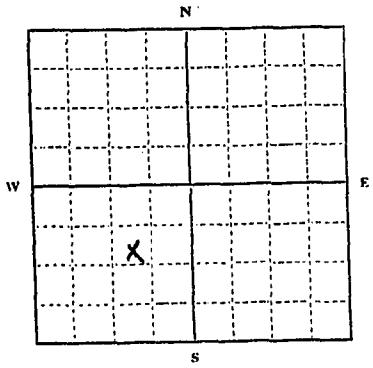
Owner Donald W. Moffett Address Fallon, Montana

Contractor (if any) None

Address of Contractor

Date Started 4-1-58 Date Completed 4-15-58

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A natural Spring was piped to a 500 gallon Tank For Livestock water.



SW ¼ Sec. 21 T. 15 R. 52

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Water Flows to tank at the rate of 30 gallons per hour. this water is used For about eighty days each year For livestock water

Signature of Owner Donald W. Moffitt

Date 12-27-63

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

31730

286592

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of December A. D. 1963, at 4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

24

File No.....

T 15 R 52

DUPLICATE

County Dawson

RECEIVED
JAN 14 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

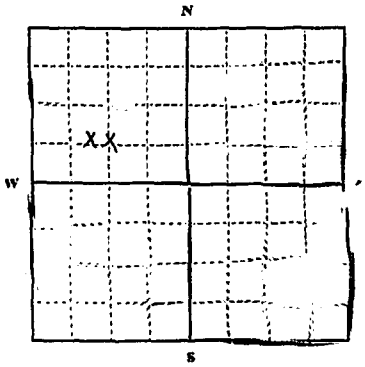
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. R. Latka, of Box 76 Glendive
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 24 T 15 R 52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 daily
1955 daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons

If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1953
June 1955

8. The depth of water table Not known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 4 in x 85 ft
drilled 4 in x 114 ft

10. The estimated amount of groundwater withdrawn each year 400,000 gallons

11. The log of formations encountered in the drilling of each well if available Not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner A. R. Latka

Date Dec 31 1962

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

32141

287036

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963 at 4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

24

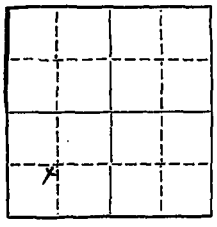
T. ~~24~~ 15 R. 52

County Dawson

RECEIVED
MAY 15 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Tony Latka Address Glendive Montana

Driller H J Gavin Address Lindsay Montana

Date Started June 4 Date Completed June 18, 1958

Location: Sec. 24 T. 15 R. 52 ¼ sec. S.W.

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 115 ft. Type heavy steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 95 to ft. 115 Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 76 feet.

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

Pumping water level 100 feet at 3 gal. per min.

How tested: plunger pump

Length of test 24 hrs.

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	115	alternate layers of gravel, clay and sand

T. 15 R. 52 32

County Dawson

RECEIVED
MAY 15 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ludwig Konig Address Glendive Mont

Driller H. J. Glavin Address Lindsay Mont.

Date Started Aug. 21-1958 Date Completed Aug 22-1958

Location: Sec. 32 T. 15 R. 52 ¼ sec. S.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 82 ft. Type heavy steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 40 to ft. 82 Ft. to ft.

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 36 feet.

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

Pumping water level 70 feet at 5 gal. per min.

How tested: slush bucket

Length of test one hour

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	35	clay
35	45	sand
45	75	clay
75	82	sand

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No. STATE WATER CONSERVATION BOARD

JUN 20 1966

DUPLICATE

T. 15 R. 52

County Dawson

Bills McDermott
Butzerin McNulty
Coyle Morton
Top of Ground Sullivan
Dickert
(Elev. above sea level .....)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Karl Fornall Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater .....

Date well started May 18-1966 Date Completed May 19-1966

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

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

☞ 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 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)
5"	4" I.D. 11 lbs per ft	0	48	3/16" x 3" slots cut in casing	38	48

Gravel 12' Clay 35' Sand & gravel water 48'

N W E

NW¼ Sec. 34 T. 15 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

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

Pumping Water Level 34 feet at 7 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

41150

296220

STATE OF MONTANA
County of Dawson
Filed for record this 16th day of
June A. D. 1966 at
9:30 o'clock A. M.
Gordon W Russell
County Clerk & Recorder
By Alice Autby Deputy

Fee pd. $2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—39089

34

File No.....

T 15 R 52

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 3 1963
STATE ENGINEER

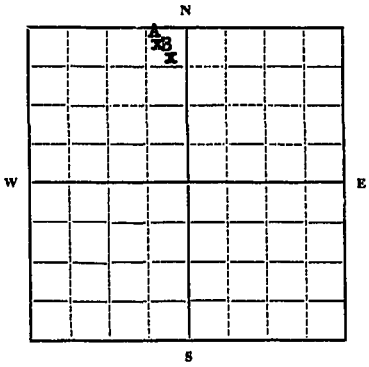
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Karl Fornall, of Glendive, Montana
(Name of Appropriator) (Address) (Town)

County of Dawson State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NENE ¼ NW Sec. 34 T 15 R52

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based A - Household use. B- Stock and Garden use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. A - About 1910 and used continuely since then. B - About 1945 and used continuely since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A - 2 gallons and B - 4 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A - Jet well pump B - Windmill pump with part time electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. A - About 1910
B - About 1945

8. The depth of water table A- 45 feet and B - 65 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. A- hand dug and cased with 6 inch casing. B - 4 inch casing.

10. The estimated amount of groundwater withdrawn each year A - 200,000 B - 1,000,000

11. The log of formations encountered in the drilling of each well if available Unknown

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Karl Fornall

Date Aug 30, 1963

Three copies to be filed by the owner with the 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5633.

284855

STATE OF MONTANA
County of Dawson.

Filed for record this 30th day of
Aug. A. D. 1963, at
12:15 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Anthy Deputy.

Fee pd. $2.00

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262 3

34

File No.....

T. 14 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1930

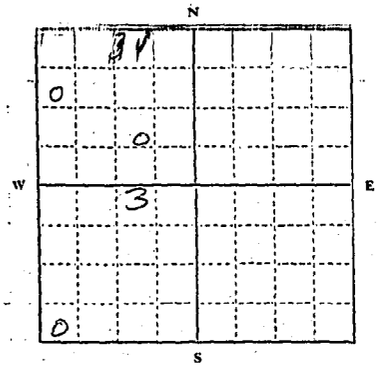
Owner Karl Fornall Address Glendive

Contractor (if any) None

Address of Contractor

Date Started ..... Date Completed .....

Describe means of obtaining groundwater without a well "as by subirrigation and other natural processes". Include depth to water when applicable Spring Natural



¼ Sec. 3 T. 14 R. 52

Indicate point of appropriation and place of use, if possible.
34-15-52

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Spring on Sec 3 open all year & pipe to Stock tank will flow 1" pipe
Spring on Sec 34 light will freeze & Dry up in Summer

Signature of Owner Karl Fornall

Date DEC 27 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

31728

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

35

File No.....

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 30 1969

T. 15 R. 52

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

clay 6' gravel 14' clay 24' gravel 34'

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 207, Montana Session Laws, 1961)

Owner Robert Lye Address Fallon Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater.....

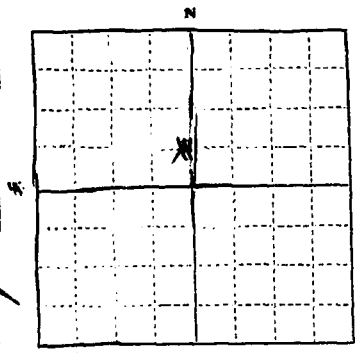
Date well started Oct 23-1968 Date Completed Oct 24-1968

Type of well drilled (dug, driven bored or drilled) Equipment Used Churn (Churn, drill, rotary or other)

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

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 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)
5"	4" I.D. 11 lbs per ft.	0	34	3/16 x 4" slots cut in casing	22	34



N ½ Sec 35 T 15 R 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 25 feet.

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

Pumping Water Level 25 feet at 6 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45384

306617

STATE OF MONTANA
County of Dawson
Filed for record this 27 day of
June A. D. 19 69 at
1:09 o'clock P M.
Darlene W. Lussier
County Clerk & Recorder
By Patricia Peterson Deputy

GW 2

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

File No. .....

T. 15 R. 52

DUPLICATE

County Ravalli

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 20 1963 STATE ENGINEER

Top of Ground (Elev. above sea level) estimated 2400

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert Lye Address Fallon Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater .....

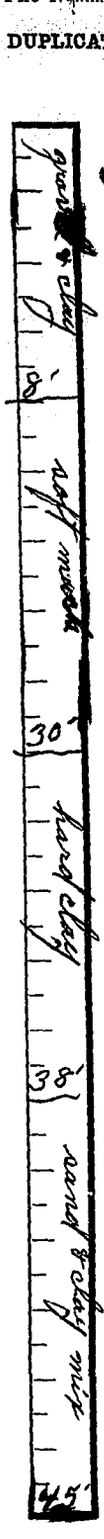
Date well started Nov. 18-1963 Date Completed Nov. 20-1963

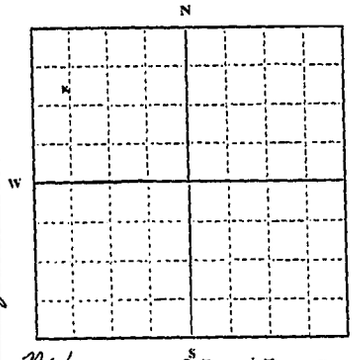
Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

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

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 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)
5"	4" I.D. 11 lbs. per foot	0'	45'	slots cut in casing 3/16" x 3"	33'	45'





N.W. 1/4 Sec. 35 T. 15 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 25 feet.

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

Pumping Water Level 33 feet at 6 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Robert Lye

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

7-41

286333

STATE OF MONTANA
County of Dawson

Filed for record this 19th day of December A. D. 1963, at 12:45 o'clock P M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Schettler Deputy.

Fee Pd. $2.00

GW 2

File No. .....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—40472

T. 15 R. 52

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1968
STATE ENGINEER

Top of Ground
(Elev. above sea level estimated 2400)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Robert Lyc Address Fallon Montana

Driller Harold Gavin Address Lindsay Montana

Date of Notice of Appropriation of Groundwater .....

Date well started July 15-1962 Date Completed July 17-1962

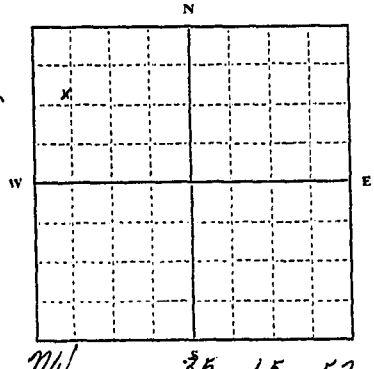
Type of well drilled (dug, driven, bored or drilled) Equipment Used churn (Churn, drill, rotary or other)

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

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 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)
5"	4" I.D. 11-Lbs. per foot	0'	45'	Slots cut in casing 3/16" X 3"	33'	45'

Clay 7'
5' gravel
16' clay
22' sand
45'



NW ¼ Sec. 35 T. 15 R. 52

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 25 feet.

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

Pumping Water Level 28 feet at 6 gal. per minute.

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

How Tested slush bucket Length of Test one hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) .....

Robert Lyc

85
Driller's License Number

Harold Gavin
Driller's Signature

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.

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

10740

286334

STATE OF MONTANA
County of Dawson

Filed for record this 12 day of
December A. 1963, at
12:45 o'clock PM.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheitlin Deputy.

Fee Pd. $2.00