



Form No. 18  
8-60

T. 14 R. 51

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962  
STATE ENGINEER

DEC 29 1961

10:30 A.M.

WATER WELL LOG

		*

Owner John Mayer Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Oct. 22 Date Completed Oct. 24 1961

Location: Sec. 1 T. 14 R. 51  $\frac{1}{4}$  sec. N.E.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 55 ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 55 to ft. 55. 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 35 feet at 5 gal. per min.

How tested: flush bucket

Length of test one hour

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

(over)

Form No. 18  
8-60

T. 14 R. 51

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

DEC 29 1961

10:30 A.M.

WATER WELL LOG

STATE ENGINEER

		*

Owner John Mayer Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Oct. 22 Date Completed Oct. 24 1961

Location: Sec. 1 T. 14 R. 51  $\frac{1}{4}$  sec. N.E.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 55 ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 35 to ft. 55. 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 35 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)



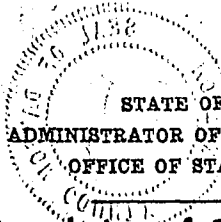


File No. ....

DUPLICATE

T. ~~14~~ ~~R~~ ~~51~~ ~~N~~ 9

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)

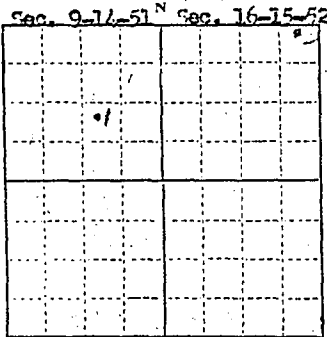
Date of Appropriation of Groundwater (1) 1940 (2) 1938  
Owner Joseph J. Hess 300 E. Mann St.  
Conrad E. Hess Glendive, Montana

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.



SE  $\frac{1}{4}$  Sec. 9-14-51  
NE  $\frac{1}{4}$  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  
(2) Conrad E. Hess  
(2) State of Montana

Date December 30, 1963

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

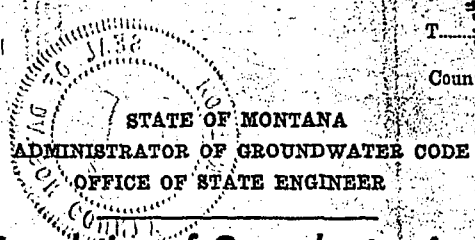
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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.

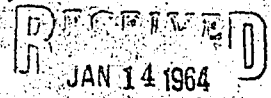
File No. ....

DUPLICATE



T. § 14 R § 51 N

County Dawson



### 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 300 E. Mann St.  
Conrad H. Hess 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.

Sec. 9-14-51<sup>N</sup> Sec. 16-15-52


SR Sec. 9-14-51  
NE 1/4 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  
(2) Conrad H. Hess  
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.

2008 11  
286691



File No. ....

T. 14 R. 51

DUPLICATE

County Dawson

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

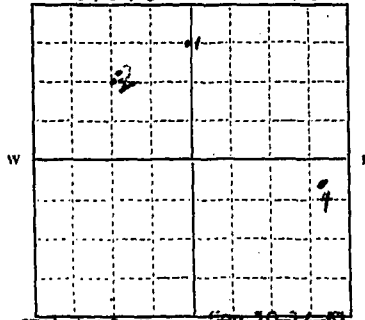
RECEIVED  
 JAN 14 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(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:

Sec. 4-14-51 Sec. 2-14-51



NE 1/4 Sec. 10 T14 R 51  
 NW 1/4 Sec. 10 T14 R 51

NE 1/4 Sec. 10 T14 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 1,2,3,4 motor.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. (1) 1922, constant; (2) 1927, not used at present; (3) 1925, not used at present; (4) 1922, not used at present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 6 gal. (2) 4 gal. (3) 4 gal. (4) 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) motor (2,3,4) motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (1) 1922; (2) 1927; (3) 1925; (4) 1930

8. The depth of water table (1) 40 ft. (2,3,) 50 ft. (4) 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) drilled, 4 in. casing, 80 ft. deep; (2) drilled, 18 in. casing, 90 ft. deep; (3) drilled, 18" casing, 60 ft. deep; (4) drilled, 18 in. casing, 60 ft. deep.

10. The estimated amount of groundwater withdrawn each year (1) 200,000 gal. (2,3,4) none at present.

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  
Conrad H. Hess  
 Signature of Owner

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.

(1) ... (2) ... (3) ... (4) ... (5) ... (6) ... (7) ... (8) ... (9) ... (10) ...

(11) ... (12) ... (13) ... (14) ... (15) ... (16) ... (17) ... (18) ... (19) ... (20) ...

(21) ... (22) ... (23) ... (24) ... (25) ... (26) ... (27) ... (28) ... (29) ... (30) ...

(31) ... (32) ... (33) ... (34) ... (35) ... (36) ... (37) ... (38) ... (39) ... (40) ...

286693

STATE OF MONTANA  
County of Dawson

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

Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

Free Pd. #2 00

Form No. 18  
8-60

2

T. 14 R. 51

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962  
STATE ENGINEER

DEC 29 1961

10:30 A.M.

WATER WELL LOG


Owner Conrad Hess and Joseph J Hess Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Oct. 14 1961 Date Completed Oct. 17 1961

Location: Sec. 2 T. 14 R. 51  $\frac{1}{4}$  sec. N.W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 105 ft. Type steel Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 65 to ft. 105 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 15 feet.

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

Pumping water level 80 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)



GW

File No. ....

T. 14 R. 51

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

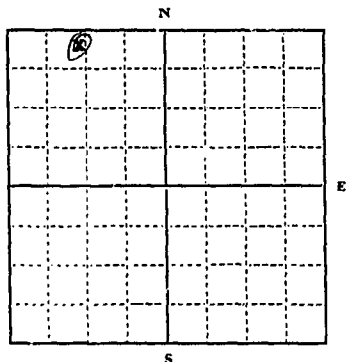
RECEIVED  
DEC 11 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. 52 Ranch, Inc., c. 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:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 20, 1956

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

N.W. 1/4 Sec. 7 T. 14 R. 51

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July 15, 1956 July 20, 1956

8. The depth of water table. 3 1/2 40 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 4 in. casing in a 4 inch hole 110 feet deep.

10. The estimated amount of groundwater withdrawn each year. 60 feet at 5 gallon per min.

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.

52 Ranch Inc  
by John Lewis  
Signature of Owner  
Date December 5th 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.

8485

286130

STATE OF MONTANA  
County of Dawson

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

Jordan St. Russell  
County Clerk and Recorder.

By Faye Schmitt Deputy.

Fee pd \$2.00

T. 14 R. 51  
 County Prairie  
 RECEIVED  
 JAN 4 1962

DEC 29 1961  
 11:00 A.M.

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

STATE ENGINEER

WATER WELL LOG

		0

Owner: John W. Nees Address: Fallon, Montana  
Ira C. Bond Address: Terry, Montana  
 Driller: \_\_\_\_\_ Address: \_\_\_\_\_  
 Date Started: 6/5/60 Date Completed: 6/3/60  
 Location: Sec. 11 T. 14 R. 51 1/4 sec. SE 1/4  
 Drilled \_\_\_\_\_ Cable \_\_\_\_\_

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_  
 Surface \_\_\_\_\_ 224 \_\_\_\_\_ Steel \_\_\_\_\_ 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
 Perforated or Screened: Ft. 104 to ft. 220 Ft. 90 to ft. 104  
 Type of screen or perforations: turned holes

Static Water level, for non-flowing well: water rises to a 104 foot feet.  
 Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)  
 Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.  
 How tested: \_\_\_\_\_  
 Length of test: \_\_\_\_\_

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

T. 14 R. 51 11

County Prairie RECEIVED  
JAN 4 1962

DEC 29 1961

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

11:00 A.M.

WATER WELL LOG

			0

Owner: John W. Rees Address: Fallon, Montana  
 Driller: Ira C. Bond Address: Terry, Montana  
 Date Started: 6/5/50 Date Completed: 6/8/50  
 Location: Sec. 11 T. 14 R. 51 1/4 sec. SE 1/4 of 34  
 Drilled Cable

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial surface  Drainage  Other: Steel 4"

Casing: ft. to 224 ft. Type: Size:

Casing: ft. to ft. Type: Size:

Casing: ft. to 204 ft. Type: 220 Size: 98

Perforated or Screened: Ft. 204 to ft. 220 Ft. 98 to ft. 104

Type of screen or perforations: burned holes

Static Water level, for non-flowing well: water raised to 0 104 feet feet.

Shut-in pressure, for flowing well: 210 lb./sq. in. on: 7 (date)

Pumping water level: 210 feet at 210 gal. per min.

How tested: 2 hours

Length of test:

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

(over)









Form No. 18  
8-60

2

T. 14 R. 52  
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		X

Owner Donald Moffett Address ~~XXXX~~ Fallon, Montana  
Driller Adkison Water Well Drlg. Address Glendive, Montana  
Date Started 8-11-60 Date Completed 8-12-60  
Location: Sec. 2 T. 14 R. 52  $\frac{1}{4}$  sec. NE $\frac{1}{4}$  of NE $\frac{1}{4}$

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 100 ft. Type Hvy. Blk Size 4 $\frac{1}{2}$ "

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 87 to ft. 100. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Torch slots

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

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

Pumping water level 60' feet at 20 gal. per min.

How tested: Bailed

Length of test 2 hours

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

Gravel packed around casing  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



2

T. 17 R. 52

County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
APR 17 1961

WATER WELL LOG

STATE ENGINEER

			X

Owner James C. Marlett Address Fuller Mont.

Driller Edwin Smith Address Fuller Mont.

Date Started 8-11-60 Date Completed 8-12-60

Location: Sec. 3 T. 14 R. 52 1/4 sec. NE 1/4 NE 1/4

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 100 ft. Type rotary Size 4 1/2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 74 to ft. 100 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations mesh net

Static Water level, for non-flowing well: 51 feet.

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

Pumping water level 60 feet at 20 gal. per min.

How tested: surge

Length of test: 40

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

Double packed around casing

(over)



File No.....

T. 14 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1964

Declaration of Vested Groundwater Rights

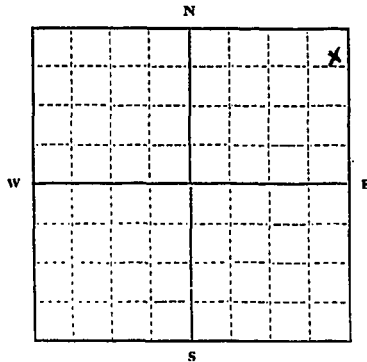
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Donald W. Moffett, of Box 227 Fallon  
(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:



NE 1/4 NE 1/4 Sec. 2 T. 14 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  
For Live Stock Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 20th 1960 and has been used each year since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 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 Water is pumped with a pump tank on a suction type pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1st 1960 completed August 7, 1960

8. The depth of water table 40 ft to water table

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 100 feet deep with a five inch steel casing.

10. The estimated amount of groundwater withdrawn each year 25000 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.



286591

STATE OF MONTANA  
County of Dawson

Filed for record this 27<sup>th</sup> day of  
December A. D. 1963, at

4:00 o'clock P.M.

Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

File No. ....

T. 14 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1964

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1930

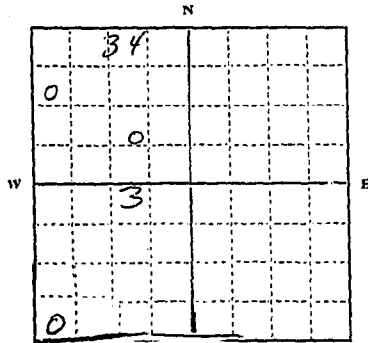
Owner Karl Fomall Address Ellendale

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. Spring Natural



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 tanks will flow 1" pipe  
Spring on Sec 34 light will flow & dry up in summer

Signature of Owner Karl Fomall

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.

286590

STATE OF MONTANA  
County of Dawson

Filed for record this 27<sup>th</sup> day of  
December A. D. 1943 at  
4:00 o'clock P.M.  
Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

File No. STATE WATER CONSERVATION BOARD

T. 14-N. R. 52-E

DUPLICATE

JUN 23 1966

County. Dawson

LOG

McDermott STATE OF MONTANA  
McNulty ADMINISTRATOR OF GROUNDWATER CODE  
Morton OFFICE OF STATE ENGINEER  
Newman

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)

0-5 Silty soil  
5-16 Gravel  
16-20 Fine gray siltstone  
20-29 Med. soft. coal  
29-43 Gray clay  
43-53 Fine gray sandstone  
53-54 Med. hard s. stone  
54-61 Gray clay

Owner Ludwig Schmidt Konig Address Blondie's, Mont.

Driller Ed Klein water welling Address Blondie's

Date of Notice of appropriation of groundwater

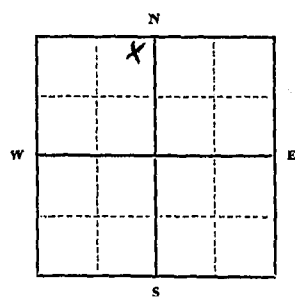
Date well started 6-13-66 Date completed 6-13-66

Type of well Drilled Equipment used Rotary  
(Dug, Driven, bored or drilled) (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 1/4"	5" x 14"	0	64	2 1/2" slots	12	17
					26	33
					43	53



Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 37 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Gravel

Length of Test 2-7-66

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

NE 1/4 Sec. 5 T. 14 R. 52  
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.

61  
Driller's License Number

Ed Klein  
Driller's Signature

not to be recorded  
 to be recorded  
 to be recorded  
 to be recorded

This instrument is to be recorded in the public records of the State of Montana and the County of Dawson, and the same shall be subject to the provisions of the laws of the State of Montana and the County of Dawson in that behalf made.

BY	DATE	FILED	RECORDED	INDEXED	CLASSIFIED

This instrument is to be recorded in the public records of the State of Montana and the County of Dawson, and the same shall be subject to the provisions of the laws of the State of Montana and the County of Dawson in that behalf made.

296324

STATE OF MONTANA  
 County of Dawson  
 Filed for record this 27<sup>th</sup> day of June A. D. 1966 at  
10:00 o'clock P.  
Landon W. Russell  
 County Clerk & Recorder  
 By Allen Bentley Deputy

Fee pd. 2<sup>00</sup>

Form No. 18  
8-60

6

T. 14 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

DEC 29 1961

10:30 A.M.

WATER WELL LOG

STATE ENGINEER


Owner Peter Konig Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started July 21 1961 Date Completed July 21 1961

Location: Sec. 6 T. 14 R. 52  $\frac{1}{4}$  sec. N.W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 35 ft. Type steel Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 23 to ft. 35. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level 20 feet at \_\_\_\_\_ 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)



RECEIVED  
MAY 15 1959

T. 14 R. 52  
County Dawson

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Pete Konig Address Blondix Mont.

Driller A. J. Garin Address Lindsay Mont.

Date Started July 10-1958 Date Completed July 12-1958

Location: Sec. 6 T. 14 R. 52 1/4 sec. N.W.

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 35 ft. Type heavy steel Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 23 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 25 feet at 12 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)





Form No. 18  
8-60

6

T. 14 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

DEC 29 1961

10:30 A.M.

WATER WELL LOG

RECEIVED  
JAN 4 1962  
STATE ENGINEER


Owner Ludwig Konig Address Glendora Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Dec. 18 1961 Date Completed Dec. 22 1961

Location: Sec. 6 T. 14 R. 52  $\frac{1}{4}$  sec. S.E.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 31 ft. Type steel Size 4 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 22 to ft. 31 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations slots cut in casing

Static Water level, for non-flowing well: 15 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)



RECEIVED

T11N-R.52E  
County Dawson 6

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOV 27 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.

(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 Sudwig Kenig  
Address Blain

For Administrator's Use	
File	<u>3176.55</u>
Date	<u>Nov. 24, 1972 9:05 a.m.</u>
GW	<u>1</u>

Mont.  
Date well started 11-18-72  
completed 11-23-72

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

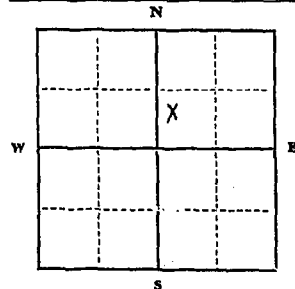
Equipment used rotary  
(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* 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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 1/4</u>	<u>4 1/2 steel</u>	<u>2' above G.L.</u>	<u>85</u>	<u>slotted</u>	<u>65</u>	<u>85</u>



Static water level 12 3/4 ft.\*  
Pumping water level 13 3/4 ft.\*  
at 180 gallons per minute,  
measured 90 minutes after pumping began.  
\*Measured from ground level.  
Well developed by hauling  
for 4 hours.  
Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) gravel pack

SW 1/4 NE 1/4 Sec. 6  
T. 14 N. R. 52 E  
S W

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

Driller's Signature M. E. Voelich  
Driller's Address 916 So. Taylor  
Blain LICENSE NO 223

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>8</u>	<u>soil</u>
<u>8</u>	<u>12</u>	<u>gravel</u>
<u>12</u>	<u>34</u>	<u>clay</u>
<u>34</u>	<u>56</u>	<u>sand</u>
<u>56</u>	<u>84</u>	<u>clay</u>
<u>84</u>	<u>97</u>	<u>sand</u>

97 Show exact depth of bottom

317655

STATE OF MONTANA

County of Dawson  
Filed for record this 24<sup>th</sup> day of  
November A. D. 1972 at  
9:05 o'clock A. M.  
Anderson J. Russell  
County Clerk & Recorder  
By Marilyn Hofield Deputy

File No. ....

DUPLICATE

MONTANA WATER RESOURCES BOARD  
RECEIVED  
MAY 14 1968

STATE OF MONTANA  
COUNTY CLERK

T. 14 R. 52  
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)

Northern Pacific Railroad Land Office

Owner: Northern Pacific Railroad Address: Land Office, Miles City, Montana

Driller: Harold Gavin Address: Red Lodge, Montana

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

Date well started April 30-68 Date Completed May 3-1968

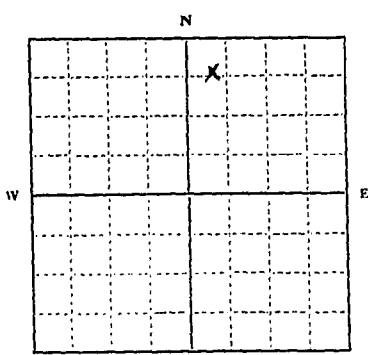
Type of well Drilled Equipment Used Churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

30  
30  
120  
130  
drive logs & pump  
clay  
sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" I.D. 11 lbs per ft.	0	130	slots cut increasing 3/4 x 4/8 to 4/8	90	130



2 1/4 E Sec. 7 T. 14 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..... 65 feet.

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

Pumping Water Level..... 100 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.

44,127

302806

*Northern Pacific R. R. Co*

*to*

*The Public*

*Water Rights*

**STATE OF MONTANA**

County of Dawson

Filed for record this 10<sup>th</sup> day of

May A. D. 19 68 at

3:25 o'clock P. M.

Harmon W. Russell

County Clerk's Recorder

By \_\_\_\_\_ Deputy

*fee pd. \$2.00*

File No. ....

T. 14 N R. 52 E

DUPLICATE

County Dawson

STATE OF MONTANA **RECEIVED**  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER SEP 3 1963

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 Karl Fornell Address Bludie, Mont

Driller Harold Gavin Address Lindsey, Montana

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

Date well started aug 27-63 Date Completed aug 28-63

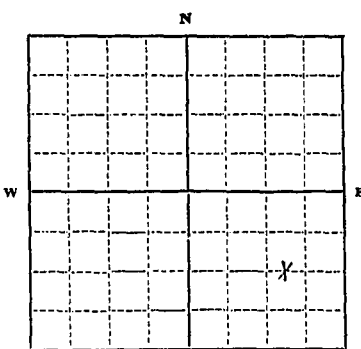
Type of well drilled Equipment Used Churn  
(dug, driven, bored or (Churn, drill, rotary or drilled) other)

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 inch	4 inch inside diam 10.84 lbs per ft.	0'	25'	slats cut in casing 1/8 x 3	15'	25'



S.E. 1/4 Sec. 7 T. 14 N. 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..... 1.6 ..... feet.

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

Pumping Water Level..... 1.6 ..... feet at..... 6 ..... gal. per minute.

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

How Tested shut bucket Length of Test 1 1/2 hrs.

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).....

Karl Fornell

Driller's License Number

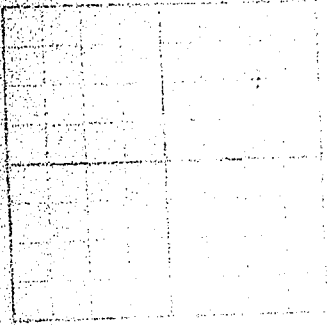
Harold Gavin  
Driller's Signature

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.





284854  
284854

STATE OF MONTANA  
County of Dawson

Filed for record this 30<sup>th</sup> day of

Aug A. D. 1963, at 12:15 o'clock P.M.

Gordon W. Russell  
County Clerk and Recorder

By Alvin Austin Deputy # 2  
Fee pd. 2

File No. ....

T. 14 R. 52

DUPLICATE

RECEIVED

APR 22 1968

County Prairie

LOG

ADMINISTRATIVE OFFICE

Top of Ground

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

- 0 - 5 Topsoil
- 5 - 10 Sand & Gravel
- 10 - 15 Sand
- 15 - 30 Yellow Shale
- 30 - 35 Coal & Blk. Shale
- 35 - 40 Blue Shale
- 40 - 48 Coal & Blk. Shale
- 48 - 60 Gray Shale
- 60 - 61 Skift of yellow rock
- 61 - 70 Gray Sandstone
- 70 - 75 Gray shale
- 75 - 80 Coal & Blk. Shale
- 80 - 83 Gray shale
- 83 - 84 Rock
- 84 - 86 Coal
- 86 - 125 Gray Shale
- 125 - 130 Coal & Blk. Shale
- 130 - 135 Gray Shale
- 135 - 145 Gray Sandstone
- 145 - 152 Gray Shale
- 152 - 156 Rock
- 156 - 164 Gray Shale

Notice of Completion

(Under Charge)

Owner Tim Hess

Driller Joe Johnson

Date of Notice of approval

Date well started 4/2/68

WAS FILED IN PRAIRIE CO.

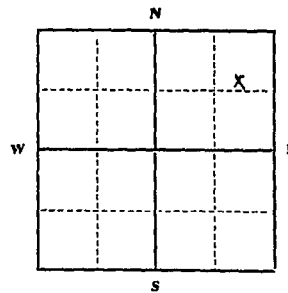
DAWSON

Type of well Drilled Equipment used Cable Tool

Water use: Domestic  Municipal  Stock  Irrigation

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)
7"	4" ID 11 #/ft.	42	164	holes 3/8"	124	164



Static Water Level for non-flowing well ..... 30 feet.

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

Pumping Water Level..... 140 feet

at..... 7 1/2 gal. per minute.

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

How Tested..... Pumped

Length of Test..... 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff)..... Gravel packed with 3/8" pea gravel top to bottom.

NE 1/4 Sec. 12 T. 14 R. 52  
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.

154

Driller's License Number

Driller's Signature

*Joe Johnson*

44,069

File No. ....

DUPLICATE

RECEIVED

APR 22 1963

LOG

ADMINISTRATIVE OFF

Top of Ground

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

- 0 - 5 Topsoil
- 5 - 10 Sand & Gravel
- 10 - 15 Sand
- 15 - 30 Yellow Shale
- 30 - 35 Coal & Blk. Shale
- 35 - 40 Blue Shale
- 40 - 48 Coal & Blk. Shale
- 48 - 60 Gray Shale
- 60 - 61 Skift of yellow rock
- 61 - 70 Gray Sandstone
- 70 - 75 Gray shale
- 75 - 80 Coal shale
- 80 - 83 Gray shale
- 83 - 84 Rock
- 84 - 86 Coal
- 86 - 125 Gray Shale
- 125 - 126 Coal & Blk. Shale
- 130 - 135 Gray Shale
- 135 - 145 Gray Sandstone
- 145 - 152 Gray Shale
- 152 - 156 Rock
- 156 - 164 Gray Shale

### Notice of Completion of Groundwater

### Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Tim Hess Address: Ballou, Montana

Driller: Joe Johnson Drig. Address: Terry, Montana

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

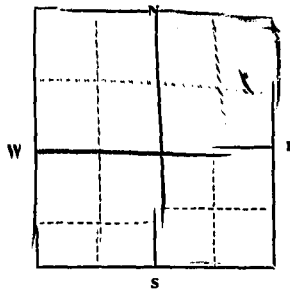
Well started: 4/2/63 Date completed: 4/6/63

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drain  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	Depth (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	4" ID 11 #/ft.	+2	164	holes 3/8"	124	164



Static Water Level for non-flowing well ..... 30 feet.

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

Pumping Water Level 140 feet at 72 gal per minute.

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

How Tested: Pumped

Length of Test: 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packed with 3/8" pea gravel top to bottom.

NE 1/4 Sec 12 T 14 R 52  
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.

154  
Driller's License Number

Joe Johnson  
Driller's Signature

44,069

89988

**FILED**  
at 9:07 o'clock A.M.  
APR 19 1968  
*E. Lee Smith*  
County Clerk  
By *J. H. Smith* Deputy

15

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.....

Owner Anton Honig Address Glendive Mont.

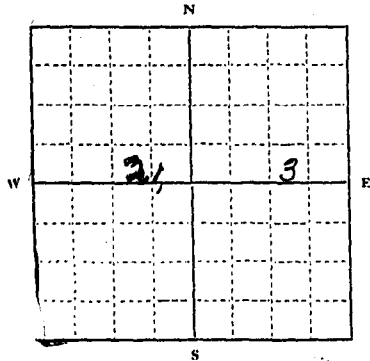
Contractor (if any) .....

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 Flow



1/4 Sec 15 T.14 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.....

Spring 1 - 1 gal. minute  
Spring 2 - 1/2 gal. minute  
Spring 3 - 1/2 gal. minute.

Signature of Owner Anton Honig

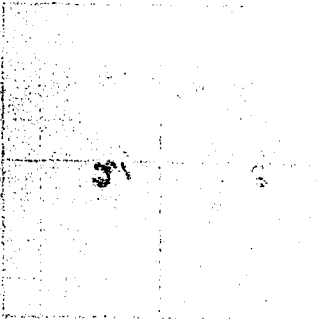
Date DEC 31 1963

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.



286865

STATE OF MONTANA  
County of Dawson

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

Gordon A. Russell   
County Clerk and Recorder.

By  Jay Scheitho  Deputy.

59 14

File No.....

T. 14 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

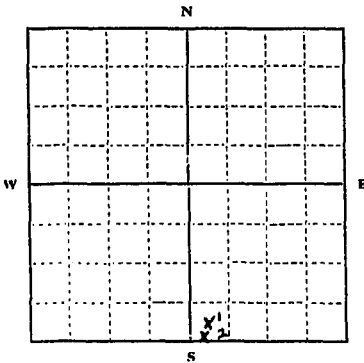
RECEIVED  
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Donald W. Moffett, of Box 227 Fallon  
(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. 14, T. 14 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 For Live Stock and House Hold Use. X1 X2
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 2 Wells were dug in 1742 and have been use continuously ever since. X1-1942 X2-1952
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five gallons per Minute For Each well.
- 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. X1 water is pumped with Pump Jack. X2 water is pumped with electric jet pump.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. X1 was dug in 1942 (hand dug). X2 was Hand dug in 1952.
- 8. The depth of water table. X1 - 13 feet X2 24 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. X1 is a Hand dug well 4 feet by 4 feet square and 16 feet deep with a wooden casing and used for live stock water. X2 is a Hand dug Well 4 feet by 4 feet square and 26 feet deep with a concrete casing used for House Hold water.
- 10. The estimated amount of groundwater withdrawn each year. X1 - 60,000 gallons - X2 - 40,000 gallons
- 11. The log of formations encountered in the drilling of each well if available. None 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.

31732

286594

STATE OF MONTANA  
County of Dawson

Filed for record this 27<sup>th</sup>

December A. D. 1916

4:00 o'clock P. M.

Gordon W. Russell

County Clerk and Recorder.

By \_\_\_\_\_ Deputy.



Form No. 18  
8-60

15

T. 14 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 4 1962

DEC 29 1961  
10:30 A.M.

WATER WELL LOG

STATE ENGINEER

x		

Owner Tony Monic Address Glendive Montana

Driller Harold Gavin Address Lindsay Montana

Date Started Nov. 14 1961 Date Completed Nov. 15 1961

Location: Sec. 15 T. 14 R. 52  $\frac{1}{4}$  sec. N.W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 45 ft. Type steel Size 1 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 33 to ft. 45 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_ slots cut in casing

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level 16 feet at 7 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)





GW 2

File No. ....

T. 14 R. 52

DUPLICATE

County Dawson

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 14 1964

**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner John Hess Address Fallon, Montana

Driller Ira C. Bond Address Terry, Montana

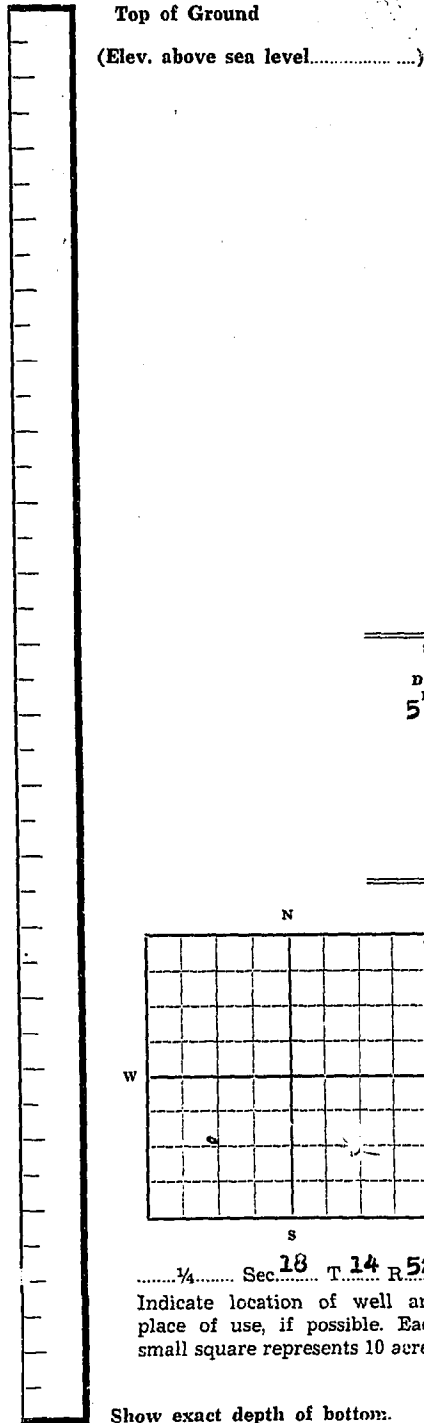
Date of Notice of Appropriation of Groundwater .....

Date well started fall of 1959 Date Completed fall 1959

Type of well Drilled Equipment Used Cable  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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	11# 4"	surface	160			

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

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

Pumping Water Level.....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, 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) .....

This is a very good well

John H. Hess  
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.

31807


I, the undersigned, being duly qualified as a Justice of the Peace for the County of Dawson, State of Montana, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears in the records of said County.

286690

STATE OF MONTANA  
County of Dawson

Filed for record this 30th day of  
December A. D. 1963, at  
3:00 o'clock P.M.  
Jordan E. Russell  
 County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

34

T. 14 R. 52

County Dawson

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER


Owner Carl "Bud" Pisk Address *Fellow, Mont*

Driller Johnson Water Well Service Address Terry, Mont

Date Started *Dawson* Sept. 18, 1961 Date Completed Sept. 25, 1961

Location: Sec. 34 T. 14 R. 52 1/4 sec. SE

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 42 ft. Type Std. 42 Size 6"

Casing: 18 ft. to 214 ft. Type Std. Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 14 to ft. 30 Ft. 80 to ft. 100 175 200

Type of screen or perforations Combination holes and slots

Static Water level, for non-flowing well: 88ft. feet.

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

Pumping water level: 90 feet at 4 gal. per min.

How tested: Balor test

Length of test: 8 hrs.

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	Gravel
18	19	rock
19	30	Blue shale
30	48	yellow shale
48	75	blue shale
75	80	gray shale
80	88	brown shale
88	92	coal
92	100	Black shale
100	105	coal
105	110	brown shale
110	120	sandstone
120	125	shale and intermittent coal
125	155	gray sandy shale
155	170	gray sandstone
170	172	coal
172	182	shale
182	185	coal
185	214	black shale

GROUNDWATER INDEX

County Lawson Twp. 1471 Rge. 53E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
<del>13</del>	<del>Waite, W. L. &amp; Georgia</del>	<del>6 W 4</del>	<del>286817</del>	
1	Waite, G. J. & Georgia M.	483	286818	
2	Corneliusson, A. & A. L.	484	286933	
x 4	Barnick, Benjamin L. & A. L.			
	Corneliusson	484	286911	
7	Diegel, L. & A. L.	482	286739	
8	Miller, Donald	482	286656	
8	Miller, Donald	482	293307	
8	Miller, Donald	484	286655	
x 9	Manuel, B.	484	286940	
10	Barnick, Benjamin L.	484	286910	See Sec. 346, law
11	Garck, Fred	483	296926	
13	Diegel, L. & A. L.	483	286740	
14	Garck, Fred	483	296925	
15	Barnick, Benjamin L.	483	286909	
19	Huber, John P.	57 2nd bog		
20	Hubert, Manuel B.	484	286940	See Sec 9 at once
20	Hubert, Manuel B.	57 2nd bog		
21	School District 10	482	297132	
22	Hess, John & Salvig	483	286953	See Sec 11-14 N, 54 E
23	Hess, John & Salvig	483	286933	See Sec 11-14 N, 54 E
24/25	Hess, John & Salvig	483	286953	See Sec 11-14 N, 54 E
26/27	Hess, John & Salvig	483	286953	See Sec 11-14 N, 54 E
25	Hess, John & Salvig	483	319740	
26	Hess, John & Salvig	483	319740	See Sec 11-14 N, 54 E
29	Roesler, L. & A. L.	482	311282	
29	Roesler, L. & A. L.	484	286542	
32	Barnick, Benjamin L. & A. L.			
	Corneliusson	484	286911	See Sec 4 at once
33	Roesler, L. & A. L.	484	286543	
34	Barnick, Benjamin L.	484	286910	
<del>13</del>	<del>Waite, W. L. &amp; Georgia</del>	<del>6 W 4</del>	<del>286817</del>	



ow.

13

File No. ....

T. 14 R. 53-X

DUPLICATE

County. Jawson

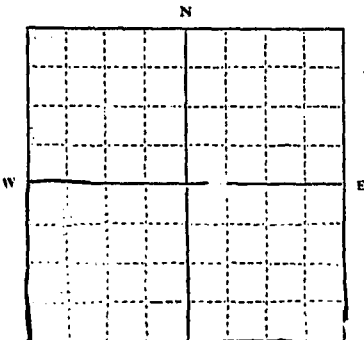
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 227, Montana Session Laws, 1961)

W. I. & Georgia M. Waite of .....  
(Name of Appropriator) (Address) (Town)

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



18-14-54  
1/4 Sec. 13 T. 14 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.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been # 1 - 1914 # 2 - 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute) # 1 16 gal per minute # 2 5 gal 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 # 1 pump # 2 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater # 1 June 1914 # 2 July 28

8. The depth of water table # 1 12 ft # 2 45 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 6 inch Drilled 16 feet # 2 1 inch drilled 50 ft

10. The estimated amount of groundwater withdrawn each year # 1 240,000 # 2 200,000

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

Owner W. I. Waite  
Dec 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.

31934

276511  
286817

File No. ....

T. 14 S. 3

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 1957

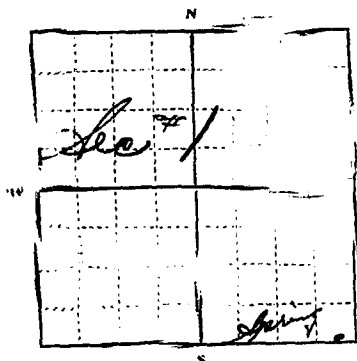
Owner Mr. Georgina M. Waite Glendive

Contractor (if any) K.A.S.

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 spring - flowing



1/4 Sec. 1 T. 14 R. 53.  
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 10 gal. per minute - natural spring

Signature of Owner W. S. Waite

Date Dec 30/63

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.

286818

STATE OF MONTANA  
County of Dawson

Filed for record this 30th day of  
December A. D. 1963, at  
4:00 o'clock P.M.

Gordon W. Russell  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.