

28

File No. _____

T 27 R 44 EMM

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

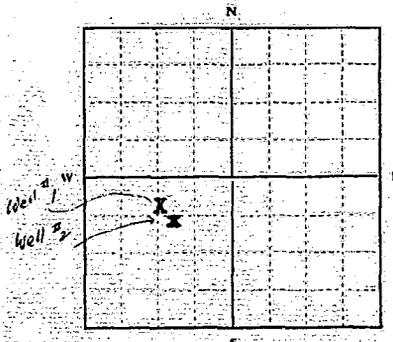
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Olaf J. Sandvick, of Frazer
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec 28 T 27 R 44

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 household and livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. About May 1942 and has been in continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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. Withdrawn by electric cylinder pump (well #1) & well #2 by electric jet pump; both located in N 1/4 Sec 28, T 27 R 44 EMM

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. well commenced and constructed and completed in May 1942; Reconstructed in June 1958 and on June 1960.

8. The depth of water table. Well No. 1 is 56 feet; Well No. 2 is 87 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. Well No. 1 has 4 inch casing, depth is 56 feet; Well No. 2 has 4 inch casing, depth is 87 feet; water withdrawn by electric cylinder pump and electric jet pump

10. The estimated amount of groundwater withdrawn each year. 500,000 gallons

11. The log of formations encountered in the drilling of each well if available. 0 to 8 Hard Pan; 8 to 21 Sand and Heavy Gravel; 21 to 33 Clay; 33 to 39 Sand; 39 to 47 Clay; 47 to 48 Gravel; 48 to 49 Clay; 49 to 56 Sand and Gravel; 56 to 82 Blue Clay; 82 to 84 Rock; 84 to 87 Shale

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 Olaf J. Sandvick

Date December 20, 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.

12848

438555 18086

STATE OF MONTANA }
County of Valley } ss.
Filed for record

DEC 20 1963

MARY LOU ELLIOTT, Clerk & Recorder
Valley County, Montana
Mary Lou Elliott

T. D7N R. NE

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Martin L. ... Address Forest

Driller Carl Palmer Address See

Date Started 7/27 Date Completed 7/28/61

Location: Sec. 23 T. 22 R. 44 1/4 sec. NE

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: Top ft. to 7.8 ft. Type 6 in. ... Size 4 in.

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 44 feet.

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

Pumping water level: 50 feet at 100 gal. per min.

How tested: Pumping

Length of test: 7.8

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

T. 27N R. 44E

County: DeWitt

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 28 1967

WATER WELL LOG

STATE ENGINEER

Owner: Mrs. Tina Lee Address: Frederick

Driller: Carl Palm Address: See

Date Started: 7/27 Date Completed: 7/28/67

Location: Sec. 23 T. 27 R. 44 1/4 sec. NE

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: Tap ft. to 78 ft. Type: 6.75" OD Galv Size: 4.5" ID

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static water level, for non-flowing well: 44 feet.

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

Pumping water level: 56 feet at 10 gal. per min.

How tested: Dumping

Length of test: 34

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

33

File No.

T. 27 N. R. 44 E.

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

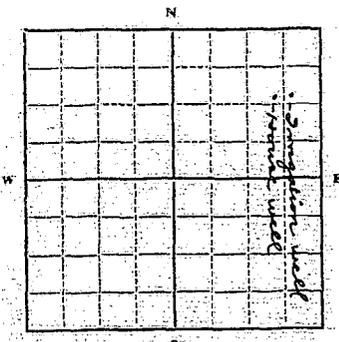
RECEIVED
DEC 10 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Noel R. Banks, of Franklin,
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5 1/4 NE 1/4 Sec. 33, T. 27, R. 44 E.
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

- The beneficial use on which the claim is based. House use and Irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1946 and continuous use
- The amount of groundwater claimed (in miner's inches or gallons per minute). 6.5 gallons per minute
- 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 1/2 acre located in S 1/2 NE 1/4 NE 1/4 Sec. 33, T. 27 N., R. 44 E., M.P.M. owner Noel R. Banks
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. House pump by jet pump, Irrigation well by 1 1/2 inch centrifugal pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. not available, but prior to 1946
- The depth of water table. 36 inches and 45 inches
- 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. House well 24 in. in diameter 24 feet deep, tile cased. Irrigation well hand dug and cased with 50 gallon galv. steel casing, 2 1/2 feet in diameter, 25 feet deep.
- The estimated amount of groundwater withdrawn each year. 236,000 gallons
- The log of formations encountered in the drilling of each well if available. Not available
- 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 known

Signature of Owner. Noel R. Banks
Date. Dec. 2, 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.

272

438154

17961

STATE OF MONTANA } ss.
County of Valley

Filed for record

DEC 9 1968

11:30

Mary Lou White
County Recorder

Pauline Jackson (PA)

File No.

T. 27 R. 44 East

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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APR 22 1963

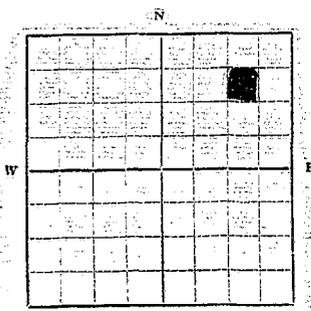
ASSISTANT
STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Roman Catholic Bishop of Great Falls
Catholic Church of Frazer, Montana
(Name of Appropriator) (Address) (Town)

County of Valley State of Montana

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



Well is located SW 1/4 of NE 1/4 of NE 1/4
1/4 Sec. 33 T. 27 R. 44 East

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 Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 4/28/57
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3
- 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 1/2 acre of lawn, owner Roman Catholic Bishop of Great Falls
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Centrifugal pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 4/24/57
- 8. The depth of water table 60 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 drilled, 4 inch diameter, 80 feet depth
- 10. The estimated amount of groundwater withdrawn each year 60,000 gallons
- 11. The log of formations encountered in the drilling of each well if available
0-7 ft Humis; 7-17 clay; 17-41 ft sand; 41-43 ft clay; 43-70 ft sand;
70-80 ft very fine gravel & sand
- 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

Roman Catholic Bishop of Great Falls
Signature of Owner *Rev. Patrick J. O'Reilly*
Rev. Patrick J. O'Reilly, Pastor
Date April 16, 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.

434576

17749

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

APR 19 1963

At 10:00 o'clock A. M.

Mary Lou Laid
County Recorder

By Pauline Jackson Deputy

34

T. 27 N R. 4 E

County: Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana.

WATER WELL LOG

X			

Owner: F. J. ... Address: ...

Driller: ... Address: ...

Date Started: 1/16 Date Completed: 1/16/60

Location: Sec. 24 T. 27 R. 4 E 1/4 sec. NW NW

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

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

Casing: 200 ft. to ... ft. Type: ... Size: ...

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

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

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

Type of screen or perforations: ...

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

(over)

T. 27 N R. 44 E 3H

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
AUG 11 1960

WATER WELL LOG

STATE ENGINEER

X		

Owner Frank Small Address Princeton

Driller Carl P. Baker Address Princeton

Date Started 8/10 Date Completed 8/11/60

Location: Sec. 74 T. 27 R. 44 E 1/4 sec. NW NW

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: TOP ft. to 77 ft. Type Gal. 1 1/2 Size 5 1/2

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: _____ feet

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

Pumping water level 87 feet at 15 gal. per min.

How tested: balancing

Length of test 1 1/2 hrs

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

(over)

File No.

DUPLICATE

T. 27 N. 44 E. 35

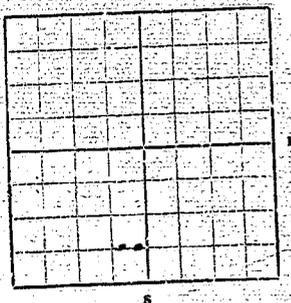
County Yellow

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward R. Luce of Prager, Montana
(Name of Appropriator) (Address) (Town)

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



SE 1/4 SW Sec 35 T27 R44

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 water and domestic use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No idea

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 dry pump

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

8. The depth of water table 25' to 30'

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 50' drilled

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

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 that I know of

Signature of Owner Edward R. Luce

Date 4-18-63

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.

434790

17764

STATE OF MONTANA, }
County of Valley, } ss.
Filed for record

MAY 2 1963

10-30 *stock* *A*
Mary Lou Smith
Asst. Secretary

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File No.

T. 24 N. R. 44 E. 35

DUPLICATE

County Yellow

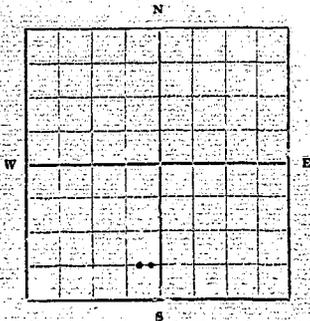
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Edward R. Luce, of Prayer, Montana
(Name of Appropriator) (Address) (Town)

County of Yellow 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. 5, T. 27, R. 44

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

- The beneficial use on which the claim is based stock raising and domestic use
- Date or approximate date of earliest beneficial use; and how continuous the use has been most all the time
- The amount of groundwater claimed (in miner's inches or gallons per minute) None
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

By pump

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater from 1950 to 1952
- The depth of water table 25' to 30'
- 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 5 1/2" and 8" drilled
- The estimated amount of groundwater withdrawn each year 2,000,000 gal
- The log of formations encountered in the drilling of each well if available Not Available
- 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 that I know of

Signature of Owner Edward R. Luce

Date 4-18-63

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.

434791

17762

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

MAY 2 1963

at 10:30 of clock A.M.

Mary Lou Linder
County Recorder

By *Duane Beardley* Deputy

RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Troyer Township

County Valley

T. 27N. R. 41E

Owner: Harley C. Eliason Address: Troyer Mont

Driller: Carl Palm Address: Loco Mont

Date Started: 4/5/60 Date Completed: 6/2/60

Location: Sec. Troyer Township 1/4 sec. 14-15-16-Block 9

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 7 ft. to 75 ft. Type: Gale Size: 4 in

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

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

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

Pumping water level: 35 feet at 16 gal per min.

How tested: _____

Length of test: _____

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

(over)

GW2

File No. _____

DUPLICATE

RECEIVED

T 27 R 44

STATE ENGINEER

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level. 1970)
0-4 Sandy Top Soil
4-12 Blue Clay
12-20 Sand + Gravel
20-62 Sandy Blue Clay
62-69 coarse water sand
69-70 Gravel + water sand

Owner Chitwood Long Address Prozere

Driller Carl Palm Address Saco

Date of Notice of Appropriation of Groundwater _____

Date well started 8/30 Date Completed 9/31/62

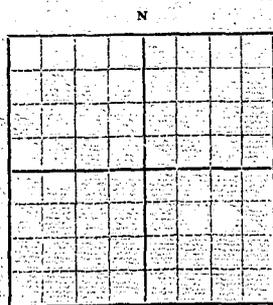
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
<u>5 1/2"</u>	<u>4 1/2" Ea. 6.75 LB Galv.</u>	<u>Top</u>	<u>70</u>			

DEPTH



1/4 Sec. T. R.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Lot 10 Block 9 Fraser town site
Show exact depth of bottom.

Static Water Level for non-flowing Well 4.2 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 4.5 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMPING Length of Test chr.

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) _____

No-25
Driller's License Number

Carl A. Palm
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.

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STATE OF MONTANA; ss.
County of Valley.
Filed for record

NOV 2 1962

at 1:00 o'clock P. M.

Mary Lou Eide
County Recorder

By Pauline J. J. Deputy

File No.

DUPLICATE

T 21 N 44 E
R
County ValleySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

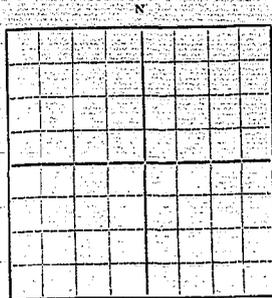
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ralph D. and Mildred I. Long of Frazier, Assala
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 7 Block 14, Frazier

1/4 Sec. T. R.

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 Household, lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 2.5 lots part lawn and part garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal shallow well pump on lot 7 in Frazier Month 14
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater same time in June 1953
8. The depth of water table 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 40 ft deep with 5 in steel casing
10. The estimated amount of groundwater withdrawn each year 919,500 gals.
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. We have no more information

Ralph D. Long
Mildred I. Long
Signature of Owner

Date March 3, 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 School of Mines and Quadruplicate to the Appropriator.

428408

17388

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

MAY 1 1962

at 8:00 o'clock P.M.
Mary Lou Cole
County Recorder
By Pauline Jacobsen Deputy

File No.

T. 27N R. 45E 19

ORIGINAL

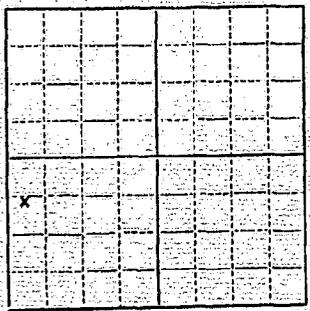
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph Otremba, of Wolf Point
(Name of Appropriator) (Address) (Town)
County of Beaverhead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ Sec. 19 T. 27 R. 45E

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.....
Watering Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1955
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
15 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 applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
flowing spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
not applicable (flowing spring)
- 8. The depth of water table.....
flows out of ground
- 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.....
not applicable
- 10. The estimated amount of groundwater withdrawn each year.....
not applicable
- 11. The log of formations encountered in the drilling of each well if available.....
not applicable
- 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.....
not applicable

Signature of Owner Joseph Otremba
Date December 13, 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.

STATE OF MONTANA,
County of Valley } ss.

Joseph Otremba having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name Joseph Otremba subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Joseph Otremba



Subscribed and sworn to before me, this 16 day of Dec, 1963
Dan M. O'Neil
Notary Public for the State of Montana.

Residing at Glasgow, Mont.
My Commission expires Mar 15, 1964

438364 18008

STATE OF MONTANA }
County of Valley }
Filed for record

DEC 16 1963

100
Mary Jo Lick
County Recorder
Darius Jackson, Deputy
[Signatures]

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File No.

T 270 R 45E

DUPLICATE

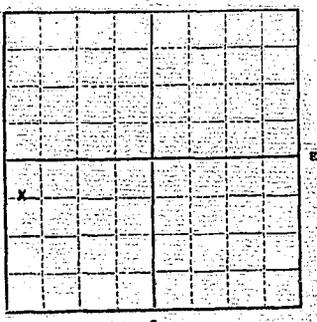
County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph Otremba of Wolf Point
(Name of Appropriator) (Address) (Town)
County of Roosevelt State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 19 T 27 R 45E

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.....
Watering Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1955
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
15 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 applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
flowing spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
not applicable (flowing spring)
- 8. The depth of water table.....
flows out of ground
- 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.....
not applicable
- 10. The estimated amount of groundwater withdrawn each year.....
not applicable
- 11. The log of formations encountered in the drilling of each well if available.....
not applicable
- 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.....
not applicable

Signature of Owner Joseph Otremba
Date December 13, 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.

12584

438364

18008

STATE OF MONTANA, } ss.
County of Valley.

Filed for record

DEC 16 1963

of 1.00 of Book T. M.
Mary Lou Child
County of Valley
Pauline Jacobson (Notary)

TRIPPLICATE RECEIVED
JAN 2 1968

T. 27N R. 45E
County Valley

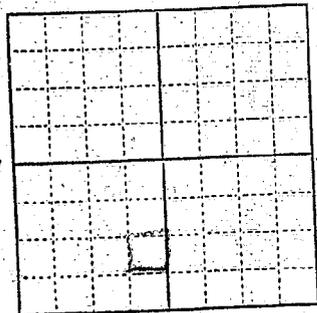
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....
Owner Ludwig Dubble Address Oswego 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.....
.....
.....



SW 1/4 Sec. 15 T. 27 R. 45

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. Flood Water from Oswego Creek.

Signature of Owner Ludwig Dubble
Date Dec 22-67

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.

19883

STATE OF MONTANA, } ss.
County of Valley, }
Filed for record

DEC 29 1967

at 3:45 o'clock P. M.

Mary Louise Lewis

County Recorder

By Marilyn S. Seltzer Depu

File No.

T. 27N R. 45E
County Valley

MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 11 1967

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)

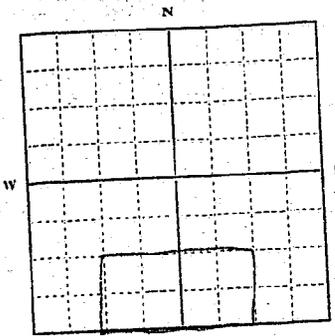
Date of Appropriation of Groundwater.....
Owner David A. Tollefson Address Oswego, Mont

Contractor (if any)

Address of Contractor

Date Started 1955 Date Completed 1955

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



SW SE
SE 1/4 SW Sec. 25 T. 27 R. 45

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. from spring or flood from rain. From water that comes down Oswego Creek.

Signature of Owner David A. Tollefson
Date Dec. 18, 1967

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.

19877

STATE OF MONTANA, }
County of Valley, } ss.
Filed for record

DEC 13 1967

at 4:45 o'clock P. M.
Mary Louise
County Recorder
By M. [Signature] Deputy

RECEIVED
COUNTY CLERK
VALLEY, MONTANA
DEC 13 1967

Witness my hand and seal of office this 13th day of December 1967.

Notary Public
Valley, Montana

File No.

T. 27 N. R. 45

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

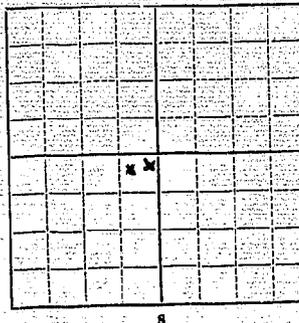
RECEIVED
JUL 22 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Pearl Redstone of Cawego Montana
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec 26 T 27 R 45

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: Home use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 15, 1957
4. The amount of groundwater claimed (in miner's inches or 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: electric pump NE 1/4 SW Sec. 26, T. 27 R. 45
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 15, 1957 - October 15, 1957 for one well August 10, 1939 - August 15, 1939 for the other.
8. The depth of water table: 71' for new well and 54' for old well. 35' from top.
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" Galy. 71' for new well and 54' for old well.
10. The estimated amount of groundwater withdrawn each year:
11. The log of formations encountered in the drilling of each well if available: for information see Carl Palm, Saco, Montana for new well, and for old well see Fort Peck Indian Agency, Poplar, Montana.
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 Pearl Redstone

Date 7/19/63

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.

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STATE OF MONTANA, } ss.
County of Valley. }

Filed for record.

JUL 19 1963

at 1:45 o'clock P. M.
Mary Lou Cade
County Recorder
By Pauline Justice Deputy

26

File No.

T. 27^N R. 45^E

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

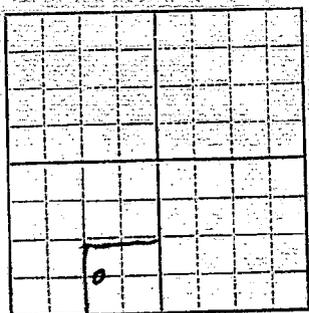
RECEIVED
NOV 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Abbie J. Yandell of 368 Bench Blvd. Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW Sec. 26 T. 27. R. 45

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 irrigation +
house

3. Date or approximate date of earliest beneficial use, and how continuous the use has been July 24, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
SE 1/4 SW Sec. 26 T. 27 R. 45
Abbie J. Yandell
Business
Valley Co. Montana

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 24, 1961

8. The depth of water table 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 drilled, 6 inch, 60 ft.

10. The estimated amount of groundwater withdrawn each year 500,000 gals

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 Abbie J. Yandell
Date Oct. 8, 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.

437713

17940

Handwritten vertical text, possibly a signature or reference number.

STATE OF MONTANA, } ss.
County of Valley, }

Filed for record

NOV 15 1963

at 10:00 o'clock P. M.

Mary Lou Calkins
County Recorder

Pauline J. Jackson
Deputy

File No.

T. 27 N. R. 45 E. 23

DUPLICATE

MONTANA WATER RESOURCES BOARD

County: Valley

RECEIVED

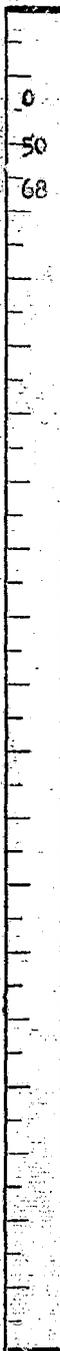
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

SEP 26 1969

Top of Ground
(Elev. above sea level 2010)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Drift

Open Gravel

Owner: David A. Hollofson Address: Geneva, Montana

Driller: George W. Fisher & Son Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: August 10, 1969

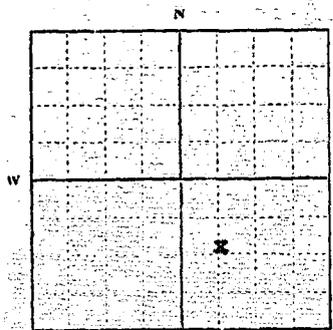
Date well started: July 27 Date Completed: August 10, 1969

Type of well: Drilled Equipment Used: Cable Tool
(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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5-inch	5 ID 1 1/2	0	59	4-inch	56	66



1/4 Sec. 33 T. 27 R. 45

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: 6 1/2 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 50 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailor Length of Test: 4 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)

Driller's License Number 83

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.

45697

A-20280

STATE OF MONTANA, }
County of Valley, } sec.
Filed for record

Slr 251969

at 1:10 o'clock P. M.

Mary Landis
County Recorder

By *Marilyn Little* Deputy

File No.

T. 27N R. 45E 34

DUPLICATE

RECEIVED

County Valley

LOG

JUN 30 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground (Elev. above sea level 1990) 0

Drift 25

Gravel 26

Doc. No. 20554
Filed for record this 29 day of June A. D. 19 71, at 11:20 o'clock P. M.

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wolfe Land & Livestock Address Garago, Montana
Driller Boons Whitmer & Sons Address Wolf Point, Montana

Date of Notice of appropriation of groundwater June 16, 1971

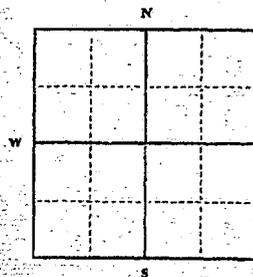
Date well started June 16, 1971 Date completed June 16, 1971

Type of well Drilled Equipment used Cable Tool
(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)
5-inch ID	5" 15#	0	26			



Static Water Level for non-flowing well 16 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 24 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)

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.

#83 Driller's License Number

Boons Whitmer
Driller's Signature

48697

475374

20554

STATE OF MONTANA }
County of Valley }
Filed for Record

JUN 29 1971

at 11:20 o'clock A.M.
Mary Lou Bide
County Recorder
By Mary Coby Deputy

File No.
DUPLICATE

LOG

JUN 30 1971

RECEIVED

OCT 13 1971

County: Valley

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 1000)

11:30

Doc. No. 20554

Filed for record

the 29 day of June

A. D. 1971 at 11:30

clock P.M.

Owner: 116 Land, Idaho, Address: 2122, 2nd Ave. N.

Driller: 3030 1st St. S., 59102 Address: 378, 2-4134, Helena

Date of Notice of appropriation of groundwater: June 16, 1971

Date well started: June 15, 1971 Date completed: June 16, 1971

20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100

GW 2

File No.

RECEIVED

DUPLICATE

RECEIVED

OCT 13 1971

County Valley

LOG

JUN 30 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground
(Elev. above sea level 1022)

Drift

Gravel

Doc. No. 20564

Filed for record
this 29 day of June

A. D. 19 71, at 11:50
clock A. M.

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner Life Land Live and Co. Address Barney, Montana

Driller Don Witt or James Address Off Pointe, Kansas

Date of Notice of appropriation of groundwater June 16, 1971

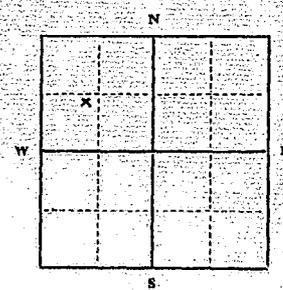
Date well started June 16, 1971 Date completed June 16, 1971

Type of well Drilled Equipment used Cable Tool
(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)
5-inch ID	5" 15#	0	26			



Static Water Level for non-flowing well 16 feet.

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

Pumping Water Level 21 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Valley

Length of Test 2 hours

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

SW 1/4 Sec. 34 T. 27 R. 45
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.

Driller's License Number

Charles C. Whitman
Driller's Signature

118690

File No.
DUPLICATE

RECEIVED
JUN 1 1964

T 27 N 45 E
County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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)

150
29 ft gumbo
51 ft sand
52 ft light gravel

Owner Allen Fladdock address Oswego

Driller Walter Suse Address Blargow

Date of Notice of Appropriation of Groundwater

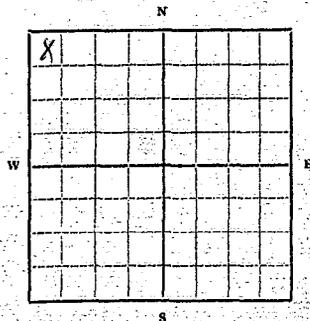
Date well started March 9 Date Completed March 10

Type of well drill Equipment Used Churn drill
(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 in.	4 1/4 S.D. Galena 6 3/4 I.P.					



1/4 Sec. 35 T27 R45
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 25 ft from top feet.

Shut-in Pressure for Flowing Well

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

Discharge in gal. per min. of flowing well

How Tested Bailed Length of Test 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)

Show exact depth of bottom.

44
Driller's License Number
Walter Suse
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.

38149

441875

18942

STATE OF MONTANA, } ss.
County of Valley, }

Filed for record

MAY 29 1964

11:30 o'clock a.m.
Mary Ann ...
County Recorder

Deputy

INDEXED
MAY 29 1964

Be sure staff
is ready to
receive
mail
at 10:00 a.m.
on all days
except
Sundays
and
holidays

SEARCHED	INDEXED
SERIALIZED	FILED
MAY 29 1964	FBI - BUTTE

Form No. 18
8-60

35

T. 27N R. 45E
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana



Water Well Log

STATE ENGINEER

X			

Owner Allen C. Fladland Address Owego, Mont.
Driller Dodd Drilling Co. Address W. Point, Mont.
Date Started Sept 12, 1954 Date Completed Sept 10, 1954
Location: Sec. 35 T. 27 R. 45 $\frac{1}{4}$ sec. N. W. NW
Owego Lot 7 Block 14

Type of well Bored 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 60 ft. Type Galv Size 6 in

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

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

Perforated or screened: Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 3.4 feet at 50 gal. per min.

How tested: Drill Stem

Length of test _____

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

(over)

35

Form No. 18
8-60

T. 27 N R. 45 E
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

X		

Owner Allen C. Halland Address Osage Mt.
Driller Dodd Drill Co. Address Wolf Point, Mont.
Date Started June 6, 1956 Date Completed June 5, 1956
Location: Sec. 35 T. 27 R. 45 $\frac{1}{4}$ sec. NW NW
Osage Lot 15 Block 7

Type of well Bored 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 60 ft. Type Galv. Size 6 in

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

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

Perforated or Screened: Ft. _____ to ft. _____ . Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 30 feet.

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

Pumping water level 34 feet at 20 gal. per min.

How tested: Drill stem

Length of test _____

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

(over)

426194 17186

File No. 132125

T. 30 N. 37 E.

DUPLICATE

County Valley

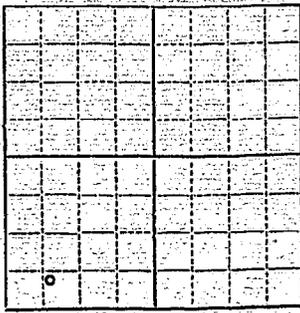
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota
(Name of Appropriator) (Address) (Town)
County of Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 15 T30N R. 37E

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

Location of Well at Vandalia

(see reverse side for location of other four wells)

- The beneficial use on which the claim is based Railroad purposes
- Date or approximate date of earliest beneficial use; and how continuous the use has been March 4, 1918
- The amount of groundwater claimed (in miner's inches or gallons per minute) 200 GPM
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N/A
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wells at Vandalia, Glasgow, Nashua, Frazer and Osage
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater February 26, 1918 - March 4, 1918
- The depth of water table Static level - 26'
- 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 4" drilled well - 83' deep - cased to 79'
- The estimated amount of groundwater withdrawn each year 200,000 gallons
- The log of formations encountered in the drilling of each well if available See attached log sheet.
- 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 Well at Frazer not presently being used.

GREAT NORTHERN RAILWAY COMPANY

Approved By: H. H. Holmgren
Superintendent of the Butte Division

Date 2-6-2

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.

OSWEGO, MONT.

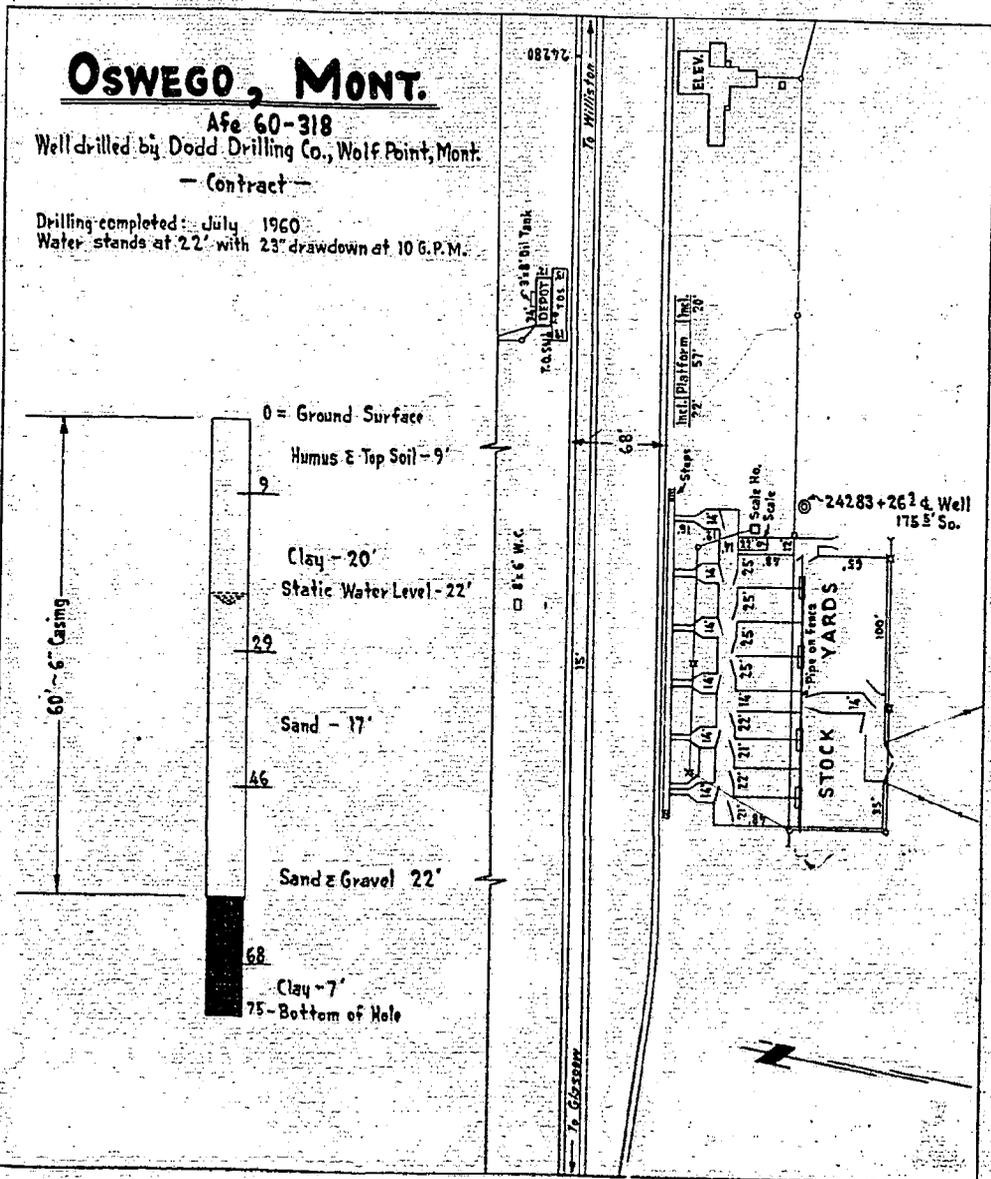
Afe 60-318

Well drilled by Dodd Drilling Co., Wolf Point, Mont.

- Contract -

Drilling completed: July 1960

Water stands at 22' with 23" drawdown at 10 P.M.



Engineer Water Service

ID-1200-341

432125

17556

STATE OF MONTANA, }
County of Valley, }

Filed for record

DEC 13 1962

at 9:00 o'clock P. M.

Mary Lou Eads
County Recorder

By Pauline J. Johnson Deputy

REPLACEMENT OF RIG - 1956
 (SEE LOGS FOR LOCATION OF OTHER WELLS)
 PROGRESS OF TEST OF

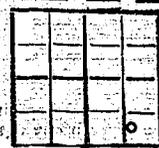
NE 1/4 SE 1/4 Sec. 18 T28N R14E



Location of Well at
Glasgow

3. May 23, 1946
4. 60 GPM
7. April 23, 1946 - May 23, 1946
8. Well flows at 10 GPM
9. 8"-6" drilled well - 325' deep - cased to 216' with 8" - 165' of 6" inside 8" to bottom.
10. 1,000,000 gallons
11. See attached log sheet.

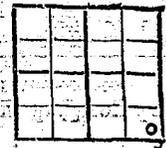
SE 1/4 SE 1/4 Sec. 36 T28N R11E



Location of Well at
Nashua

3. N/A
4. N/A
7. N/A
8. N/A
9. 27" Well - 35' Deep - Curbed with Vit. Pip
10. 200,000 gallons
11. N/A

SE 1/4 SE 1/4 Sec. 28 T7N R14E



Location of Well at
Frazer

3. N/A
4. N/A
7. N/A
8. N/A
9. 24" Well - 35' Deep - At stockyard
10. 200,000 gallons
11. See attached log of test holes in location grounds.

NE 1/4 NW 1/4 Sec. 35 T7N R15E



Location of Well at
Oswego

3. July 1960
4. 10 GPM
7. Completed in July 1960
8. Static level - 22'
9. 6" drilled well - 75' deep - cased 60' 6"
10. 200,000 gallons
11. See attached log sheet.

STATE WATER CONSERVATION BOARD

File No.

T 27 N R 45 35

DUPLICATE

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground	
(Elev. above sea level)	
0	19 grey shale wash
19	50 sand
50	54 sand gravel & water
54	56 grey shale

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner David Kellefson Address Oswego, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

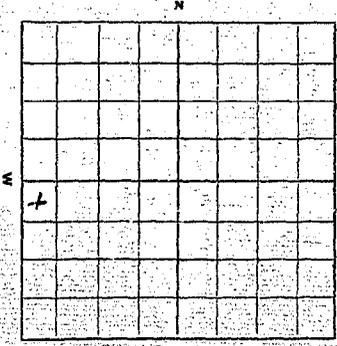
Date well started Nov 20, 1965 Date Completed Nov 20, 1965

Type of well drilled Equipment used churn
(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)
7	6 5/8 OD 19#	0	56	slots	51	52



Static Water Level for non-flowing well 16 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 40 feet

at 22 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer

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) _____

W44.50 Sec. 30 T 27 N R 45 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

56 Show exact depth of bottom.

15
Driller's License Number _____
David Kellefson
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 Appropriator.

4076

STATE WATER CONSERVATION BOARD

File No.

JAN 18 1966

T. 27 N. R. 45 E. 35

DUPLICATE

Blk. _____ City _____
Top of Ground _____
Co. _____
(Elev. above sea level _____)

County Valley

STATE OF MONTANA
ADMINISTRATOR OF GROUND-WATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: David Tellefson Address: Cowee, Montana

Driller: Simpson Drilling Co Address: Malta, Montana

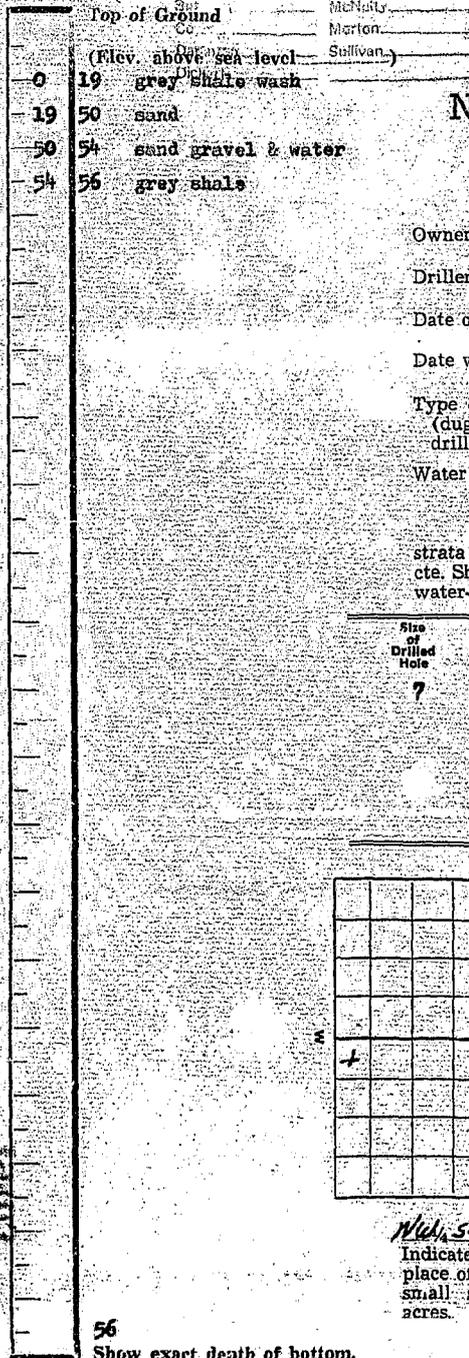
Date of Notice of appropriation of ground water _____

Date well started Nov 20, 1965 Date Completed Nov. 20, 1965

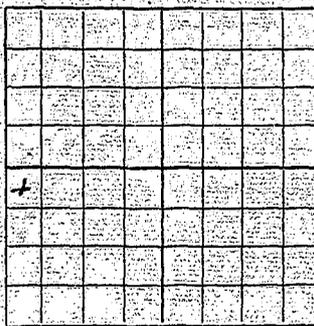
Type of well: drilled Equipment used: churn
(dug, driven, bored or Churn, drill, rotary or
drilled) other)

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)
7	6 5/8 OD 19#	0	56	slots	51	52



N 54 Sec 35 T 27 N R 45 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 16 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 40 feet
at 22 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested: baller

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)

56 Show exact depth of bottom.

15
Driller's License Number _____
[Signature]
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 Appropriator.

40766

19403

STATE OF MONTANA }
County of Valley } ss.
Filed for record

JAN 17 1966

At 2:00 o'clock P. M.

Mary L. [Signature]
County Recorder

By _____ Do

Valley Co.
26N R38E

WATER RIGHTS BUREAU
RECORDS SECTION
RETURN TO PENTHOUSE

File No. _____

T. 26 N. R. 38 E. 25

DUPLICATE

Project Mj-R-663
Dog Creek Well

County Malley

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 26 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Land Management Address Malta, Montana

Driller SIMPSON DRILLING CO Address MALTA, MONTANA

Date of Notice of appropriation of ground water _____

Date well started Sept 21, 1963 Date Completed Oct 14, 1963

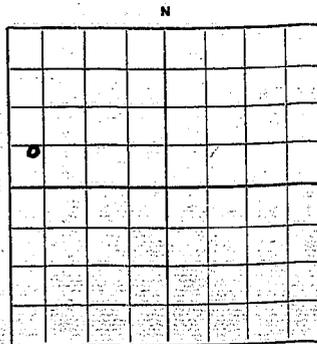
Type of well drilled Equipment used rotary
(dug, driven, bored or Churn, drill, rotary or drilled) other)

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.

Top of Ground		(Elev. above sea level _____)
0	40	hard brown clay
40	53	blue clay
53	54	hard gravel streak
54	170	dark shale
170	171	rock layer
171	263	dark shale
263	264	rock layer
264	370	dark shale
370	371	rock layer
371	386	tan shale
386	387	rock layer
387	425	tan shale
425	447	sandstone
447	530	grey shale
530	550	shale & sandstone layers
550	567	better sandstone
567	572	rock layer
572	690	sandstone
690	700	grey shale
700	740	sandstone
740	815	grey shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 11 lb	0	815	drilled 3/16 holes	572 700	690 740



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well 10 lb

Pumping Water Level _____ feet

at 4 1/2 gal. per minute.

Discharge in gal. per min. of flowing well 4 1/2

How Tested flows

Length of Test _____

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

SW 1/4 NW 1/4 Sec. 25 T. 26N R. 38E.

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

used for irrigation) cemented 350 550

15
Driller's License Number

Robert C. Simpson
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 Appropriator.