GW 2

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

File No.....

T. 36N R. 53E 11

DUPLICATE

County Sheridan

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

		Top of Ground
0		(Elev. above sea level.....)
6		
19	Clay	
22	Sandy	
25	Hardpan	
27	gravel 5 6 8 10	
49	Sandy silt	
52	Coal	
53½	Clay	
53½	Coal	
55	Clay	
57½	Coal	
59	Clay	
63	Blue Clay	
70	Hard Sand water	

Show exact depth of bottom.

Owner Robert J. Stallard Address Outlook Mont

Driller Albert Anderson Address Medicine Lake Mont

Date of Notice of appropriation of groundwater May 22 - 67

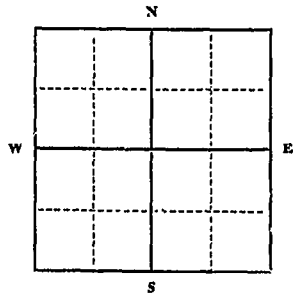
Date well started May 20 - 67 Date completed May 27 - 67

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5 5/8	4" 20 11 lb	0	66	1/4" Slots	63	66



SW¼ SW Sec. 11 T. 36 R. 53

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

Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 66 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well 0

How Tested pump

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) sand at 60 ft

(Continue on reverse side)

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

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

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

106
Driller's License Number

Albert Anderson
Driller's Signature.

42,331

569

346431

STATE OF MONTANA, }ss.
County of Sheridan, }
Filed this 9 day of
June A. D. 19 67
at 12:05 o'clock P M.
L. M. Nelson
County Recorder

Deputy

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

File No.....

T. 36 N R. 53

DUPLICATE

County.....

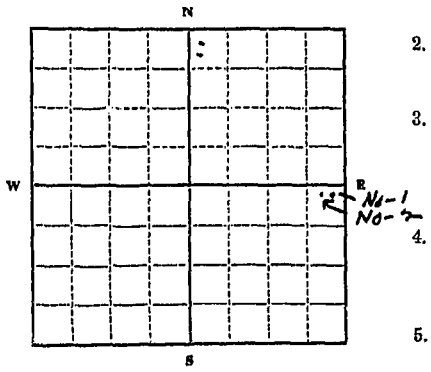
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 15 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Grace & Marvin Wagnild, of Outlook
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SE Sec. 11 T. 36 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
Well No. 1 House
Well No. 2 Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
No. 1 - 1915 Continuous
No. 2 - 1958 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 - 10 Gals. min.
No. 2 - 10 Gals. min.

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
No. 1 - Jet Pump
No. 2 - Jet Pump

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

8. The depth of water table No. 1 - 125 ft. to water No. 2 - 90 ft. to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
No. 1 - Drilled with 4 inch casing about 150 ft. deep.
No. 2 - Drilled with 4 inch casing about 150 ft. deep.

10. The estimated amount of groundwater withdrawn each year No. 1 - 75,000 No. 2 - 75,000

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
Not available

Signature of Owner Marvin Wagnild

Date 12-10-63

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.

32923

334501 # 221

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 10 day of
December A. D. 1963
at 1:30 o'clock P. M.

L. D. Nelson
County Recorder

By Myrtle Hallin.
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N R. 53 E

DUPLICATE

County Sheridan

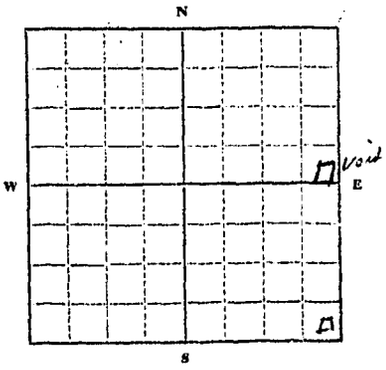
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 25 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ray Stoner, of Outlook
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NE ¼ Sec. 14 T. 36 R. 53

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

2. The beneficial use on which the claim is based: Livestock, Irrigating shrubs + Garden + household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: One well 1910 One well 1940 - Both continuous, daily.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Wells produce 10 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: Water used on approximately 1 acre SE ¼ of NE ¼ of SE ¼ 14-36-53

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Withdrawal of water by electric deep well pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Exact date not available - Approximately 2 weeks

8. The depth of water table: Sixty 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: One well - 60 ft. deep One well - 200 ft. deep

10. The estimated amount of groundwater withdrawn each year: 10,000.00

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

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

Signature of Owner: Ray Stoner

Date: 12-10-63

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.

33123

334888

#423

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 31 day of December A. D. 19 88, at 1:00 o'clock P M.

L.A. Nelson
County Recorder

Deputy

RECEIVED
NOV 3 1958
STATE ENGINEER

T. 36 R. 53 E 16

County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Gilbert Paulson Address Outlook, Mont.

Driller Sinclair Oil Co. Seismograph outfit Address Unknown

Date Started April 10, 1958 Date Completed April 10, 1958

Location: Sec. 16 T. 36 R. 53 ¼ sec. NE¼ NE¼

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 125 ft. to 125 ft. Type steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 113 to ft. 125 Ft. to ft.

Type of screen or perforations Long slits

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

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

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

How tested:

Length of test 96 hrs

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

(over)

G

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N R. 5

DUPLICATE

County.....

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

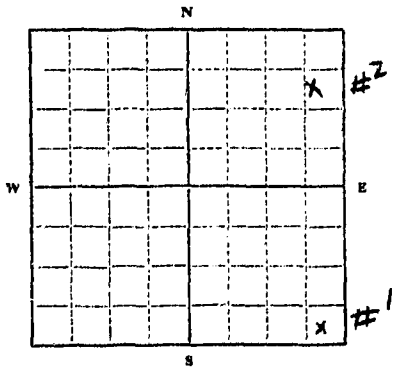
(Under Chapter 237, Montana Session Laws, 1963)

RECEIVED DEC 16 1964 STATE ENGINEER

I, Maurice C. West, of Outlook
(Name of Appropriator) (Address) (Town)

County of Sheridan State of Montana

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



SE¼ SE Sec. 17 T 36 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 #1 Stock - garden #2 Irrigation (Small)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1 1912 - Continuous #2 1951 - Used only in summer for garden irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 5 gal #2 10 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 #2 - Used only for small garden - in summer -

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal #1 Hand well pump, cylinder type #2 Gas operated cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 1912 - #2 1951

8. The depth of water table #1 100 ft. #2 185

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 4" casing #2 4" casing

10. The estimated amount of groundwater withdrawn each year #1 150,000 gal #2 50,000

11. The log of formations encountered in the drilling of each well if available #1 None #2 Amerada Petroleum probably would have logs -

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 Maurice C. West

Date 12-31-63

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.

33110

334873

#410

STATE OF MONTANA }
County of Jefferson } ss.

Filed this 31 day of
December A. D. 19 83
at 10:00 o'clock A M.

K A Nelson
County Recorder

Deputy

20

T. 36N R. 53E

County Sheridan

RECEIVED
NOV 2 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Robert L. West Address: Outlook, Mont.

Driller: Lagerquist Drilling Co. Gust R. Lagerquist Address: Westby, Montana.

Date Started: 4/21/59 Date Completed: 4/23/59

Location: Sec. 20 T. 36 R. 53 ¼ sec. S 2½ R 2½

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 78 ft. Type 4" Blk. Steel Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 62 to ft. 78 Ft. to ft.

Type of screen or perforations: Perforated with Oxy.-Acet. Cutting tourch

Static Water level, for non-flowing well: 59 feet.

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

Pumping water level 62 feet at 21 gal. per min.

How tested: Bailer

Length of test: 2 Hours

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

(over)

20

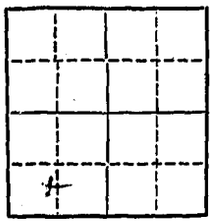
T. 36N R. 53E

County Sheridan

RECEIVED
NOV 2 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: Robert L. West Address: Outlook, Mont.

Driller: Lagerquist Drilling Co. Gust R. Lagerquist Address: Westby, Montana.

Date Started: 4/21/59 Date Completed: 4/23/59

Location: Sec. 20 T. 36 R. 53 ¼ sec. S W ¼ S W ¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 78 ft. Type 4" Blk. Stand Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 68 to ft. 78 Ft. to ft.

Type of screen or perforations: Perforated with Oxy.-Acet. Cutting tourch

Static Water level, for non-flowing well: 59 feet.

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

Pumping water level: 69 feet at 24 gal. per min.

How tested: Bailer

Length of test: 2 Hours

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0 -	51	Brn.- Clay
51-	69	Blue-Clay
69-	72	Sand-Water
72-	76	Sandy-Shale
76-	104	Blue-Clay
		Well Bottomed at 78 ft

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—4219 73

File No.....

T. 36 N R. 53

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 15 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1908

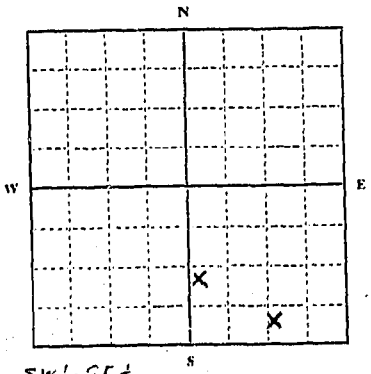
Owner Arthur L. Kleffer Address Plentywood Mont

Contractor (if any) none

Address of Contractor none

Date Started Long ago Date Completed Long ago

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



SW¼-SE¼ SE¼ 1/4SE Sec. 23 T 36 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. Continuous at the rate of 10 gallons a minute estimate

Signature of Owner Arthur L. Kleffer

Date 12-31-63

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.

33145

334910

#445

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

Filed this 31 day of
December A. D. 1953.
at 1:00 o'clock P. M.

L. A. Nelson
County Recorder

Deputy

GW 2

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

File No.....

T. 36 N R. 53 E 31

DUPLICATE

County ~~Sheridan~~

RECEIVED DEC 3 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles Grant Address: Outlook, Mont

Driller: Western Drilling Co. Address: Miles City, Mont

Date of Notice of Appropriation of Groundwater: 5-15-64

Date well started: 6-8-64 Date Completed: 7-6-64

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

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)
3 7/8"	2½ I.D. stel 5.80 lbs per ft.	0	645'9"			

0 Top of Ground

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

24 yellow clay
73 yellow sandy clay
93 yellow clay
220 blue clay
224 coal small seep no water
440 clay
490 sand water produced sand when bailed
682 clay
659 sand water with coal
661

Static Water Level for non-flowing Well: 330 feet.

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

Pumping Water Level: 400 feet at 25 gal. per minute.

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

How Tested: pump 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) a shutoff was made at 643'9" by welding a ring around casing and set into smaller hole than ring.

N
W E
S

NW ¼ SW ¼ Sec. 31 T. 36 R. 53

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

Show exact depth of bottom.

106
Driller's License Number

Lloyd H. Carlson
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.

38147

337172 - #539.

STATE OF MONTANA, } ss.
County of Sheridan.
Filed this 3rd day of
Sept. A. D. 1964
at 2:38 o'clock P. M.
L. D. Nuken
County Recorder
By Myrtle Walln
Deputy

G\

Approved Stock Form—State Publishing Co., Helena, Montana—40876

RECEIVED
MAY 20 1964
STATE ENGINEER

File No. 2

DUPLICATE

T. 36 R. 53 31

County Sheridan

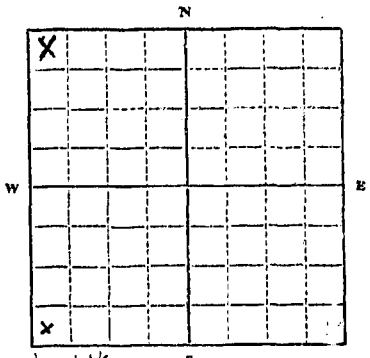
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles Grant, of Outlook
(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:



NW ¼ NW ¼
SW ¼ SW Sec. 31 T. 36 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 Domestic and Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 Continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal and 9 gals, when pumping.

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 Electrically Driven pumps.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915 last change of pumping equipment was 1954

8. The depth of water table 400 ft. and 70 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 400 ft. 5" Casing, 1¼" pipe, 2" Cylinder. other well 70' Two ft. Casing, 2½" Cylinder, 1¼" pipe

10. The estimated amount of groundwater withdrawn each year 15,000 gal and 12,000 gals

11. The log of formations encountered in the drilling of each well if available
I do not believe that is available

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

Signature of Owner Charles Grant

Date 12-17-1963

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.

33212

334988 #513

STATE OF MONTANA, }
County of Sheridan, } ss.
Filed this 3rd day of
Jan. A. D. 1964
at 10:30 o'clock A. M.
L. D. Nielsen
County Recorder
By Myrth Stoller
Deputy

GW 2

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

File No.....

T. 36N R. 53E 33

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 1 8 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

LOG

Top of Ground

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

0-36 Gray clay
36-49 br Clay
49-65 light br. sandy clay
65-74 br sandy shale
74-87 light gray Clay
87-96 gray sandy clay
96-118 gray Clay
118-126 dark gray Clay
126-128 dark gray Clay
128-137 gray clay
137-139 (hard shell)
139-162 gray sandy shale
162-165 black jack (Coal)
165-185 gray sandy clay
185-208 gray Clay
208-210 fri gray sand trace of Coal (water)
210-212 (hard shell)
212-220 gray Clay

Show exact depth of bottom.

Owner **Archie J. Johnson** Address **Outlook, Montana** P.O. BOX 132

Driller Edward H. Rathbun Address TIOGA, NO. DAK.

Date of Notice of appropriation of groundwater APRIL

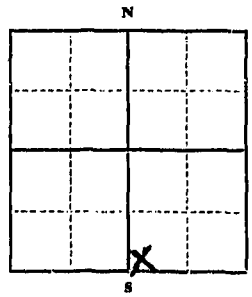
Date well started APRIL 15 Date completed APRIL -20

Type of well drilled (Dug, Driven, bored or drilled) Equipment used Spudder (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) 220	PERFORATIONS Size (Slots) CUT WITH TORCH 1' LONG	From (Feet) 10	To (Feet) 18'



SW ¼ SE Sec. 33 T. 36 R. 53

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

Static Water Level for non-flowing well 20 feet.

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

Pumping Water Level 215 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAIL TESTED

Length of Test ONE HOUR

Remarks: (Gravel packing, screening, packers, type of shutoff) GRAVEL PACKED

(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).

Household, stock, irrigation around home;

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.

138
Driller's License Number

Edward H. Rathbun
Driller's Signature

39134

339361 #550

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 5 day of
May A. D. 19 65
at 4:00 o'clock P. M.

L. D. Nielsen
County Recorder

By Myrtle Haller
Deputy

GW.

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

33

File No.....

T. 36 N R. 53 E

DUPLICATE

County Sheridan

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED

JAN 10 1963

STATE ENGINEER

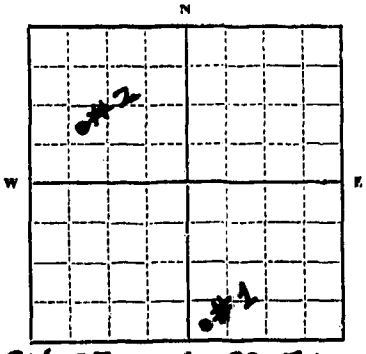
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Archie J. Johnson (Name of Appropriator), of Outlook, Montana (Address) (Town)

County of Sheridan State of Montana

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



#1 SW4SE4-Sec. 33-T.36N R53 E.

#2 SW1/4 NW Sec. 33 T. 36N R. 53 E.

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: personal, household and livestock, both wells

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: No. 1--June 10, 1927 and continuous since
No 2--August 3, 1957 and continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute): No.1--5 gallons per minute
No. 2--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:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric motor pump from both wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No 1--14 days--completed June 10, 1927
No 2--3 days to drill--completed August 3, 1957.

8. The depth of water table: No. 1--330'---static water line 270'
No. 2--~~###~~200'---static waterline 135'

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:
No1--4" steel casing--331'---1½' galv. pipe
No 2--~~###~~8"steel casing--205'-- --

10. The estimated amount of groundwater withdrawn each year: No. 1-- 500,000 gals
No. 2--200,000 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*:

Signature of Owner: Archie J. Johnson

Date: January 7, 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.

3254

331395 #129

STATE OF MONTANA,
County of Sheridan. } ss.
Filed this 8 day of
Jan. A. D. 1963
at 4:30 o'clock P. M.
L. D. Nielsen
County Recorder
By Mayette Haller.
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N. R. 53

DUPLICATE

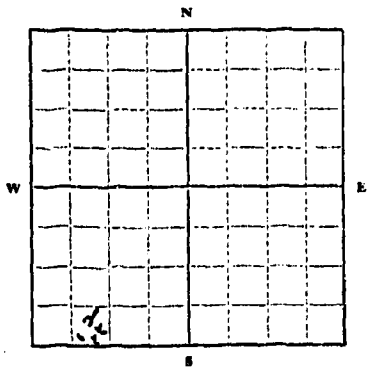
County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John K. Tange (Name of Appropriator), of Outlook (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ SW Sec. 34 T. 36 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: Personal and Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: No 1 - 1913
No 2 - 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute): #1 10 gal. per minute
#2 10 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No 1 summer of 1913
No 2 fall of 1958

8. The depth of water table: 195

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: These are bored wells with 195 feet of heavy duty 4" casing.

10. The estimated amount of groundwater withdrawn each year: Not 55,000 gal. per well

11. The log of formations encountered in the drilling of each well if available: No 2 - 50 gal

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: John K. Tange

Date: 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.

33077

334828

#377

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 30 day of December A. D. 19 53 at 4:00 o'clock P M.

L. A. Nelson
County Recorder

Deputy

G

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

File No.

T 36 N R 55 E Sec 10

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

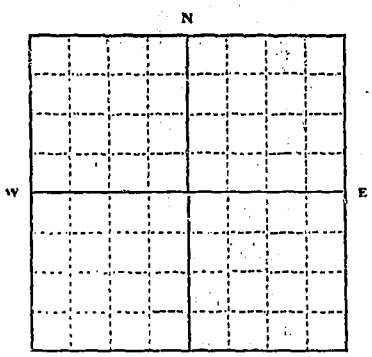
RECEIVED JAN 15 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Farmers Elv. Co Of Outlook, Montana, of Outlook
(Name of Appropriator) (Address) (Town)

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



BLOCK 11 Lot 7 Townsite of Outlook

..... ¼ ..... 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 House Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1920 Used continously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gals 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 No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 h.p. jet pump. Block 11 Lot 7 Townsite of Outlook

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1920

8. The depth of water table 110 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 casing 140 feet

10. The estimated amount of groundwater withdrawn each year 36,500 gals

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

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

Signature of Owner Farmers Elv Co of Outlook
By W. B. Martin (Mgr)
Date 12-28-63

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.

33096

334847

#396

STATE OF MONTANA }
County of Meriwether } ss.

Filed this 30 day of December A. D. 19 03 at 400 o'clock P. M.

County Recorder

Deputy

GW

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

File No.....

T. 36 N. R. 53 E. Sec 10

DUPLICATE

County 10

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

STATE ENGINEER

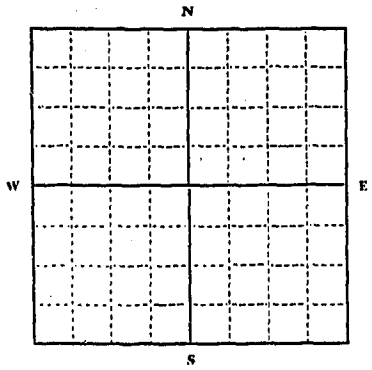
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Margaret Hass, of Outlook
(Name of Appropriator) (Address) (Town)

County of Sheridan State of Montana

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



.....¼..... Sec..... T..... R.....

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

Lots 1, 2, 3, Block 1
Original Townsite of
Outlook, Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916

4. The amount of groundwater claimed (in miner's inches or gallons per minute) None

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

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

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner Margaret Hass

Date.....

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.

33112

334875

#412

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

Filed this 31 day of
December A. D. 19 53,
at 10:00 o'clock A M.

L.A. Neb
County Recorder

Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N R. 53 E Sec 10

DUPLICATE

County Sheridan

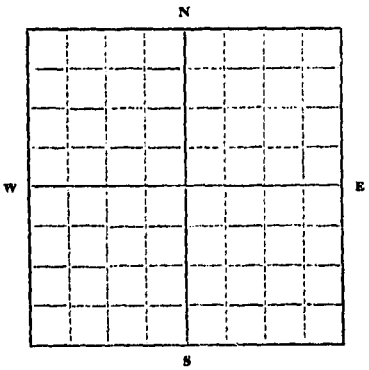
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



.....¼..... 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 Water for Fire Department

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 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 Ordinary drop pipe and Cylinder

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

8. The depth of water table 180 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 Ordinary plunger type pump

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 Well located on Lot 14 and Block 10 in the Town of Outlook. Mont.

Signature of Owner Mildred Mills (clerk)

Date Dec. 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.

33210

334976 #51

STATE OF MONTANA }
County of Sanders } ss.
Filed this 31 day of
December A. D. 19 63
at 4:00 o'clock P. M.

L.A. Nelson
County Recorder

Deputy

GROUNDWATER INDEX

County SHERIDAN Twp. 36N Rge. 54E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	SYME, MARY ANN	GW 4	334832	
9	SCOTT, GEORGE	well log	323879	
10	LA GRANGE, GEORGE	GW 4	334584	
12	SYME, DONALD	GW 2	362915	
12	SYME, DONALD	GW 4	334749	
13	JOHNSON, CLAIR	GW 4	334838	
19	STONER, VERNON	4	334890	
29	WOLD, ORVILLE	well log		
	WOLD, MURIEL N.	" "		
32	WOLD, ORVILLE	" "		
	WOLD, MURIEL N.	GW 4		
34	REED, ELVIN V.	GW 2	339825	

G

Approved Stock Form—State Publishing Co., Helena, Montana—4223

File No. .....

T. 36 N R. 54 E

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

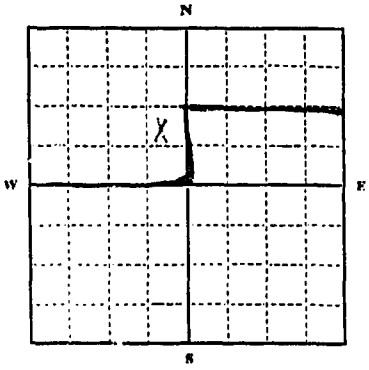
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. [illegible], of Fairview Fairview
(Name of Appropriator) (Address) (Town)

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



S.E. ¼ N.W. Sec. 1 T. 36 R. 54

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 [illegible]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec 1932

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallon

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 None as far

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater [illegible] Dec 1932

8. The depth of water table 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 Surface water in a slough which covers 71 acres which is dry most [illegible]

10. The estimated amount of groundwater withdrawn each year About 60 [illegible] a day

11. The log of formations encountered in the drilling of each well if available None

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 [illegible]

Signature of Owner [illegible]

Date [illegible]

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.

33081

334832

#381

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 30 day of December A. D. 19 83 at 4:00 o'clock P M.

L. A. Nelson
County Recorder

Deputy

9

T. 36 R. 54

County Sheridan

RECEIVED
NOV 2 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner George Scott Address Outlook, Mont.

Driller Lagrangian Drilling Co. Address Westby, Mont.

Date Started Sept 3, 1960 Date Completed Sept 9, 1960

Location: Sec. 9 T. 36 R. 54 ¼ sec. SE¼ NE¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 171 ft. Type 4" Blk Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or ~~Screened~~: Ft. 164 to ft. 171 Ft. to ft.

Type of screen or perforations Slots 3/32 inch

Static Water level, for non-flowing well: 140 ft. feet.

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

Pumping water level 150 feet at 4 gal. per min.

How tested: Pumped

Length of test 12 hrs.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	96	Sandy Clay
96	98	Blue Clay
98	104	Brn. Clay
104	120.	Blue Clay
120	124	Sand gravel some water
124	165	Blue Clay
165	166	Black Rock
166	170	Clay sand Streaks & Coal Streaks Water

323,879

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4676

File No.....

T. 36 N R. 54

DUPLICATE

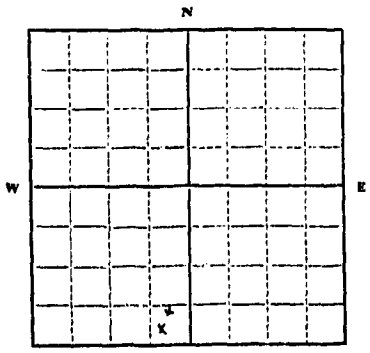
County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George L. Grange, of Raymond
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. ¼ of S ½ of S.W. ¼
¼ Sec. 10 T. 36 R. 54

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 drinking Household + live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 Continuous

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 Not used for irrigation
see part general + plats

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater Barn Stock Well Constructed 1933
House Well Constructed Sept 1952

8. The depth of water table 7' 27' 56' and 160'

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 Barn Stock Well 10' deep
hand dug House well drilled 160' 4" Casing

10. The estimated amount of groundwater withdrawn each year 39000 gal

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

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

Signature of Owner George L. Grange

Date July 1 - 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.

32948

334584 #246

STATE OF MONTANA,
County of Sheridan, } ss.

Filed this 16 day of
December A. D. 19 63
at 1:00 o'clock P M.

L. A. Nielsen
County Recorder

Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 25 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Sheridan 12

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Donald Syme

Address Raymond, Mont.

For Administrator's Use
File 617,362 PS
June 20, 1973.
GW 1 3:30 p.m.

Date well started June 1-73

completed June 6-73

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)
5 5/8 hole drilled to 114 ft. then 4 3/4 to 128'	4" steel 11 lbs. per ft.	0	126'	torch cuts	115'	126'

Static water level 76 ft.*

Pumping water level 80 ft.*

at 15 gallons per minute, measured ..... minutes after pumping began.

*Measured from ground level.

Well developed by 3 hp. sub. for 3 hr. hours.

Power ..... Pump ..... HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) Casing was made tight at 114 ft. seating of coal ring welded on casing

Sw ¼ Se ¼ Sec. 12

T. 36 N/S R. 54 E/W

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

Driller's Signature Lloyd H. Carlson

Driller's Address Medicine Lake Mont

LICENSE NO. 235

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	38	yellow rocky clay
38	39	yellow rocks & fine gravel
39	42	yellow clay
42	54	black clay
54	54.3	of hard coal
54.3	87½	blue clay
87½	88½	sand rock
88½	105	clay
105	114	blue quicksand - blew out with compressor lots of water and loose sand
114	128	coal - water well here

128 Show exact depth of bottom

53,855

617

362915

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

Filed this 20 day of June A. D. 1972 at 3:30 o'clock P. M.

L. Drake
County Recorder

By Myrtle Wallace
Deputy

GW

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

File No.

T. 36 N R. 54 E

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

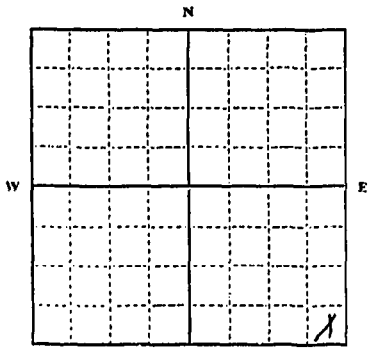
RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1 Donald Lyme, of Raymond
(Name of Appropriator) (Address) (Town)

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



S.E. S.E. 12 36 54
~~SE 1/4 12~~ Sec. ~~36~~ T. ~~54~~ 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 House hold livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 March 21 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 22 1950

8. The depth of water table 97 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 4 inch Casing 97 ft Deep

10. The estimated amount of groundwater withdrawn each year 36,000 gal.

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

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

Signature of Owner Donald Lyme

Date Dec 26 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.

33014

334749

#314

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

Filed this 26 day of
December A. D. 19 03.
at 12:15 o'clock P. M.

L. G. Nuber
County Recorder

Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N. R. 54 E

DUPLICATE

County Sheridan

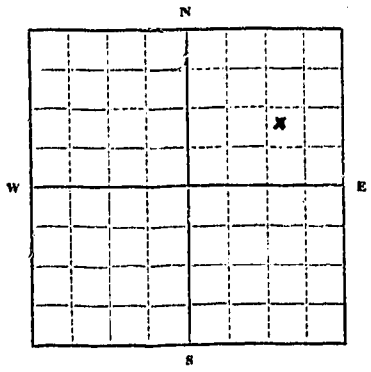
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clair Johnson, of Raymond
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE¼ NE¼ of Sec. 13 T. 36 R. 54

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 water, irrigation of garden & lawn, watering stock, fire protection, [illegible]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15, 1951. It has been in use every day since

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

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 Lots 8 thru 15 Block 4 Lots 1, 2, 3, 4 & 5 - Blk 5

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 24, 1951 Completed July 15, 1951

8. The depth of water table 86

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 well, 4" casing, 86 ft deep

10. The estimated amount of groundwater withdrawn each year 300,000 gals.

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

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

Signature of Owner Clair Johnson

Date 12/30/63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

33087

334838

#387

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 30 day of December A. D. 19 68 at 4:00 o'clock P. M.

K. O. Nelson
County Recorder

Deputy

G.

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No.....

T. 36 N R. 54 E

DUPLICATE

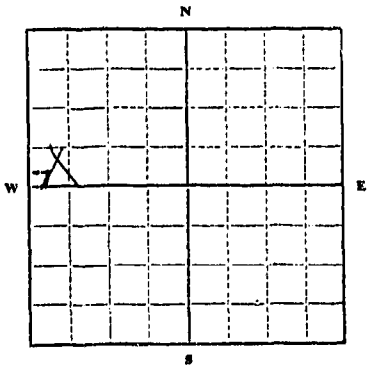
County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon Stones, of Outlook
(Name of Appropriator) (Address) (Town)
County of Sheridan State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 Sec. 19 T. 36 R. 54

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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. Water withdrawn by deep well pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915

8. The depth of water table 80 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. Well is 240 feet deep with 6 inch casing

10. The estimated amount of groundwater withdrawn each year 180,000

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

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

Signature of Owner Vernon Stones

Date 12-10-63

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.

33125

334890

#425

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

Filed this 31 day of
December A. D. 19 73.
at 1:00 o'clock P M.

L. A. Nelson
County Recorder

Deputy

T. 36N R. 54E 29

County Sheridan

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Orville Wold and Muriel W. Wold, his wife Address Plentywood, Montana

Driller Henry Radon Address Outlook, Montana

Date Started November 1946 Date Completed November 1946

Location: Sec. 29 T. 36 R. 54 ¼ sec. NW¼SW¼SW¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: Wood ft. to 75 ft. Type Wood Size 18 Inch

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 2 ft. Water feet at 10 gal. per min.

How tested: Not known

Length of test " "

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

Car perforated at the bottom.

(over)

T. 36N R. 54E 32

County Sheridan

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

			x

Owner Orville Wold and Muriel N. Wold Address Plentywood, Montana

Driller Henry Raaen Address Salem, Oregon

Date Started 1915 Date Completed 1915

Location: Sec. 32 T. 36 R. 54 ¼ sec. SW¼SE¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 20 ft. Type Steel Culvert Size 4 feet

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: Four 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)

No pump was ever installed. Water was drawn.

(over)

GW 2

File No.

DUPLICATE

STATE WATER CONSERVATION BOARD
RECEIVED
SEP 8 1965

Approved Stock Form—State Publishing Co., Helena, Montana—62

34

T. 36 N. R. 54 E.

County Sheridan

LOG REFERRED TO

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

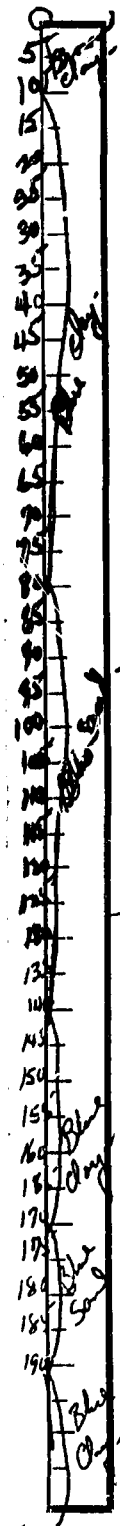
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 2097)



127' total depth.

Show exact depth of bottom.

Owner Elmer V. Reed Address Westby, Mont.

Driller Jensen Drilling Co. Address Antelope, Mont.

Date of Notice of appropriation of groundwater

Date well started June 22 Date completed June 24

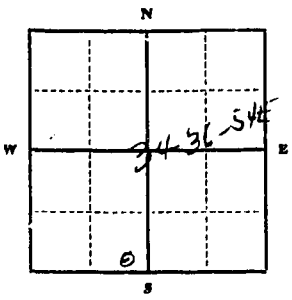
Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Drill (Churn drill, rotary or other)

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

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

Fulton Jensen
516-22-

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8 5/8	6"					
4 1/2	4"	0	10 Black Clay			
	1 1/4 lb. pipe	10	80 Black Clay		100	125
		80	140. Blue Sand.			



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

Shut-in Pressure for Flowing Well 45 lbs.

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

Discharge in gal. per min. of flowing well 3000 gal. hr.

How Tested Pitot - Stop watch.

Length of Test 1 sec.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Doubled Cone 10" under surface with 6" Casing and packed with cement

SE ¼ SW ¼ Sec. 34 T. 36 R. 54E

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

Bentonite

(Continue on reverse side)

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

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

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

109
Driller's License Number

Maxine Jensen
Driller's Signature

39543

339825 #553

STATE OF MONTANA, } ss.
County of Sheridan.
Filed the 1st day of
July A. D. 19 65
at 1:00 o'clock P. M.
L. D. Nilsen
County Recorder
By Myrtle Walker
Deputy

T. 36 N., R55 E.

SHERIDAN COUNTY

GROUNDWATER INDEX

County SHERIDAN Twp. 36N Rge. 55E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	CARLSON, DALE T.	GW 4	334975	
7	SYME, KENNITH J.	4	334756	
31	PIERCE, LEWIS	4	334946	
34	THOMPSON, BOB	GW 2	332711	

Approved Stock Form—State Publishing Co., Helena, Montana 40876

36N 55E

File No..... T..... R.....

DUPLICATE County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

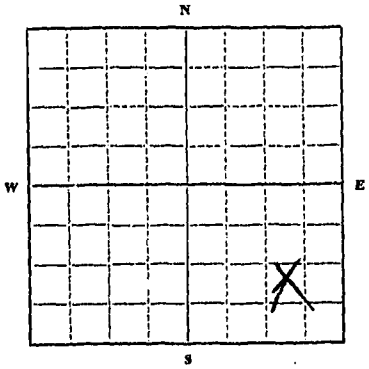
JAN 15 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dale T Carlson, of Fairview, Montana
(Name of Appropriator) (Address) Montana (Town)
County of Sheridan State of
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec 3 T 36 R 55

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 & Household

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1918

8. The depth of water table 200

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" Casing

10. The estimated amount of groundwater withdrawn each year 500 750

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

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 Dale T Carlson, Elaine L. Carlson

Date Dec 31, 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.

33209

334975 #510

STATE OF MONTANA, } ss.
County of Sheridan

Filed this 31 day of December A. D. 19 23.

at 4:00 o'clock P. M.

County Recorder

Deputy

G\

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

File No.....

T. 36 N. R. 55 E

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

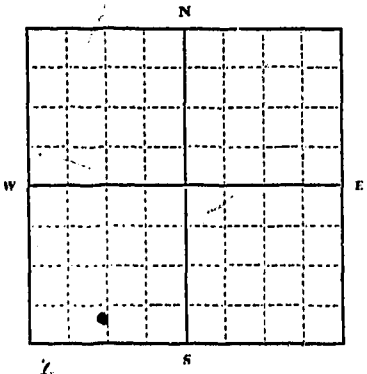
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth J. Lyne, of Raymond
(Name of Appropriator) (Address) (Town)

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



SW¼ NW¼ Sec. 7 T. 36 R. 55

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, stockwater, & home garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 1958 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1-20-58

8. The depth of water table 60 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 4 inch casing 125 ft deep

10. The estimated amount of groundwater withdrawn each year 100,000 gallons

11. The log of formations encountered in the drilling of each well if available Heavy clay sand & gravel

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 Kenneth J. Lyne

Date Dec 26-1963

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.

33020

334756 #320

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 26 day of
December A. D. 19 63
at 2:00 o'clock P M.

L.D. Nelson
County Recorder

Deputy

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

File No. .....

T 36 N R 55 E

DUPLICATE

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R

JAN 15 1964

STATE ENGINEER

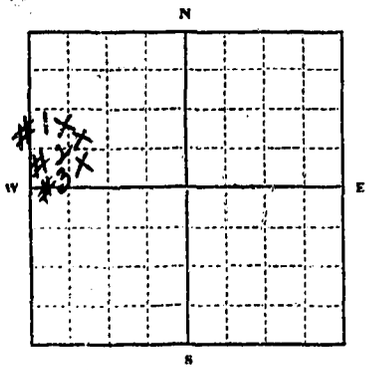
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis Pierce, of Glentywood
(Name of Appropriator) (Address) (Town)

County of Sheridan State of Montana

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



SW ¼ NW Sec. 31 T. 36 R. 55

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 stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Used every year since 1942 in #1 & #2 #3 — used since 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 — 10 gals / min
#2 — 5 gals / min.
#3 — 5 gals / min.

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 cylinder pump on all wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 — 1942
#2 — 1943
#3 — 1958

8. The depth of water table #1 - 18 ft to water #2 - 34 ft to water #3 - 34 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 — 4x4 curb — 26 ft
#2 — 4 in Casing 38 ft
#3 — " 55 ft

10. The estimated amount of groundwater withdrawn each year #1 — 100,000 gals #2 - 50,100 gals
#3 — 50,000 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 .....

Signature of Owner Louis Pierce

Date Dec 31, 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.

33200

334966

#501

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 31 day of December A. D. 19 83 at 4:00 o'clock P. M.

K. A. Nelson
County Recorder

Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3908

File No.....

T. 36N R. 55E

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner B.L. Thompson Address Plentywood Mont.

Driller Albert Andersen Address Medicine Lake

Date of Notice of Appropriation of Groundwater May 24 - 63

Date well started May 21 - 63 Date Completed May 24 - 63

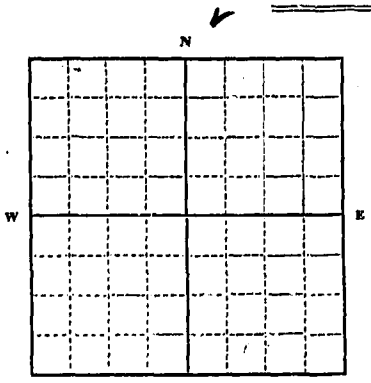
Type of well drilled (dug, driven, bored or drilled) Equipment Used rotary (Churn, drill, rotary or other)

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.

0	Top of Ground
To	(Elev. above sea level.....)
5	gravel
To	
36½	yellow Clay
To	
41	gravel - little water
To	
52	clay
To	
57	gravel little water
To	
57	clay
To	
60	rock
To	
65	sandy clay
To	
68	sand water
68	coal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 inch	4 inch 10 9 lb.	0	57	0	0	0



E½ SE¼ Sec. 34 T. 36 R. 55

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 38 feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 57 feet at 7 gal. per minute.

Discharge in gal. per min. of flowing well 0

How Tested Pump Length of Test 4 hr.

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).....

106
Driller's License Number

Albert Andersen
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.

4784

332711 #152

STATE OF MONTANA,
County of Sheridan. } ss.
Filed this 25 day of
June A. D. 1963
at 10:30 o'clock A. M.
L. S. Nielsen
County Recorder
By Myrtle Nelson
Deputy