

10,062

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 10 day of Dec
A.D. 1963 at 4:22 o'clock P.M.

G. E. M.
County Clerk and Recorder

By J. J. H.
Deputy

GW3

File No.

ORIGINAL

SECTION 12

RECEIVED
FEB 11 1964

T28N R22W

12

STATE ENGINEER
STATE OF MONTANA

County Flathead

RECEIVED
DEC 30 1963

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

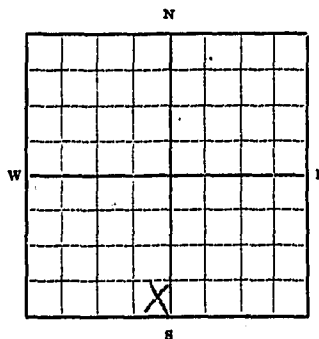
Owner Francis R. Schrock Address Route 3 Kalispell

Contractor (if any)

Address of Contractor

Date Started 1949 Date Completed 1949

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



..... 1/4 Sec 12 T28 R22

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

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

10,000 gallons per day

Signature of Owner

Francis R. Schrock

Date 12/17/63

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 School of Mines and Quadruplicate for the Appropriator.

State of Montana) ss
County of Flathead) ss

Subscribed and Sworn To Before Me This 17th Day of December, 1963

Sandra Rodler

NOTARY PUBLIC for the State of Montana
Residing at Kalispell, Montana
My commission expires September 10, 1965

14414

10,026

STATE OF MONTANA / SS
COUNTY OF FLATHEAD

Filed on the 7 day of Dec
A.D. 1963 at 2:29 o'clock P.M.

SEN
County Clerk and Recorder

By [Signature] Deputy

F. No.

SEP 14 1966

County Flathead

TRIPLICATE

Billie _____ STATE OF MONTANA
 D. J. _____ ADMINISTRATOR OF GROUNDWATER CODE
 Doyle _____ OFFICE OF STATE ENGINEER
 Darlington _____ Sullivan _____

Top of Ground

(Elev. above sea level. Darlington)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 60 ft Gray hard pan.
 60 to 146 ft Brown
 hard pan.
 146 to 147 ft
 Waterbearing
 gravel & sand.

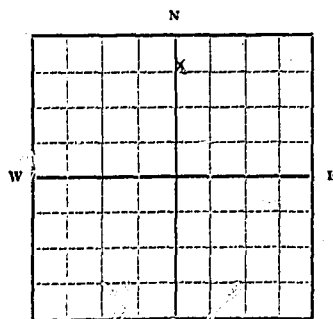
Owner Don Simmons Address Reliance, Mont.Driller Olson & Justus Address Col. Falls, Mont.Date of Notice of Appropriation of Groundwater none filedDate well started July 5, 1966 Date Completed Aug 1, 1966

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)
6 3/8	7" 20 23 lbs per ft	0	147	none		



NW 1/4 NE 1/4 Sec. 12 T. 28 N. R. 22 W.

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 70 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 110 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Bailer Length of Test 2 hrs

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

Driller's License Number no 55Driller's Signature Olson & Justus

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.

411391

File No. _____

DUPLICATE

Top of Ground

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

0 to 136 ft Hard pan.

136 to 144 ft
Hard pan with
seep water.

144 to 145 ft.

Waterbearing
gravel + silt.STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Don A Simmons Address Calispell Mont.Driller Olson & Justin Address Cal. Falls, Mont.Date of Notice of Appropriation of Groundwater none filedDate well started June 28-65 Date Completed July 1-65Type 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 ☐

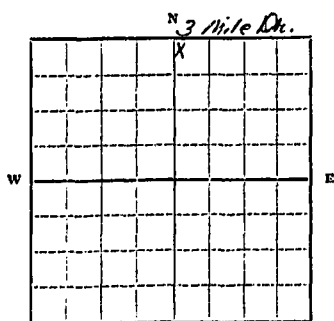
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

STATE WATER CONSERVATION BOARD

RECEIVED
SEP 3 1965

REFERRED TO: _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	23 lbs per ft 7" 90.	0	145	none		



SW 1/4 NE 1/4 Sec. 12. T28. R22.

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 90 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 115 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Bailer Length of Test 2 hrs

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

Driller's License Number

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.

39507

11853

STATE OF MONTANA } ss
COUNTY OF FLATHEAD }

Filed on the 2 day of July
A.D. 19 35 at 1 o'clock PM

28 77
County Clerk and Recorder

By 28 77 Deputy

File No. _____

T. 23N R. 22W

TRIPLICATE

County Flathead

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Top of Ground _____
Approx.
(Elev. above sea level 5100 ft.)

Formations Log:

- 0 - 1 Topsoil.
1 - 3 Fine tan sand.
3 - 22 Boulders mixed in tan silt.
22 - 172 Gravel, cobblestones and boulders mixed in tan clay.
172 - 187 Silty gravel and cobblestones. Two gallons per minute.
187 - 193 Tight sand and gravel. Seeps of water.
193 - 195 Sand and gravel with stringers of light tan clay.
195 - 196 Fine sand and gravel. Four gallons per minute.
196 - 200 Sand and gravel mixed in tan clay.
200 - 202 Sand and gravel mixed in brown clay.
202 - 218 Brown silty sandy clay. Some gravel mixed in.
218 - 221 Gray sand and gravel.
221 - 263 Light brown sand and gravel with stringers of clay mixed in. 20 gallons per minute.
263 - 268 Fine sand and gravel. Some clay. 20 gallons per minute.
268 - 279 Gravel mixed in brown silt.

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

Owner Marvin H. and Ardith L. Solberg Address Kalispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

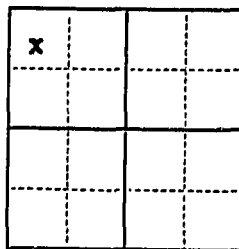
Date well started 11/13/69 Date completed 11/29/69

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x 1/4"	+2	296	Mills knife	281.5"	292.9"



Static Water Level for non-flowing well 129 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 168 feet

at 275 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well coming through perforations in six inch casing.

Wells in this area can be

NW 1/4 NW Sec. 12 T. 28N R. 22W

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

dependent upon to produce clear sand free water

year after year as long as they (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).

Approximately 20 acres located in NW 1/4 NW 1/4 of Section 12, T28N R22W, within the east 330 ft.

Show exact depth of bottom.

Bottom of well 296 ft.

Doc. No. 14131

Filed for record

this 15th day of April 1970

o'clock 2 P.M.

Driller's License Number 52

William D. Delmar
Driller's Signature.

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

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

46545

14131

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 15 day of April
A.D. 1970 at Helena, Montana

County Clerk and Recorder

By *JEP*
Deputy

Formations Log cont.:

**279 - 296 Clean coarse sand
and gravel. Water
in excess of 200
gallons per minute.**

**Remarks cont.: are not overpumped,
i.e., they should be pumped at rates
not in excess of 50 percent of tested
capacity of the aquifer.**

5/57

9813

STATE OF MONTANA
COUNTY OF MARIULADY

Filed on the 22 day of July
A.D. 1962 at 3:30 o'clock P.M.

County Clerk and Recorder

By Deputy

File No. _____

GW 4

T 28 N R 22 W 12

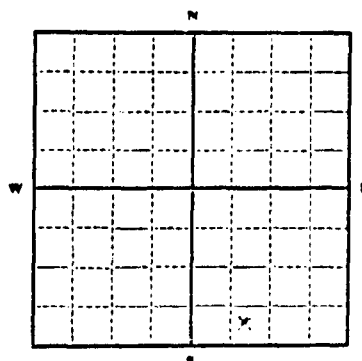
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cucklyn Taylor of P. B. Wallace
 (Name of Appropriator) (Address) (Town)
 County of Helena State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 12 T28 N R22

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 & small irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1936
as needed for household, garden & watering stock
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 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.
just my garden -
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. May 1936
8. The depth of water table. 115 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. 8 in casing
10. The estimated amount of groundwater withdrawn each year. 182,000
11. The log of formations encountered in the drilling of each well if available. Sandy 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

Cucklyn TaylorDate 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.

22729

10551

STATE OF MONTANA) SS
COUNTY OF FLAHEED)

Filed on the 30 day of Dec
A.D. 1963 at 3:42 o'clock P.M.

Glenn E. Mulhain
County Clerk and Recorder

By Keith
Deputy

File No. _____

GW 2

T. 28 N. R. 22 W. 12

County Plathead

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

Top of Ground

(Elev. above sea level 2980)

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

(Under Chapter 237, Montana Session Laws, 1961)

1ft Top SoilSilt, clay, cobbles
& boulders60ft.Silt, clay +
cobbles160ftSilt, Sand
+ gravelSeepage172ftCoarse sand
+ gravel
WaterOwner Curt Thompson Address 3mi S. Rt 3Driller Homer McClarty Address 945-839 N.

Date of Notice of Appropriation of Groundwater _____

Date well started July 14/69 Date Completed July 23/69Type of well Drilled Equipment Used 22 Wt. Bucyrus
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) EideWater 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)
<u>7" OX</u>	<u>2-3"</u>		<u>180</u>			

Static Water Level for non-flowing Well 95 feet.

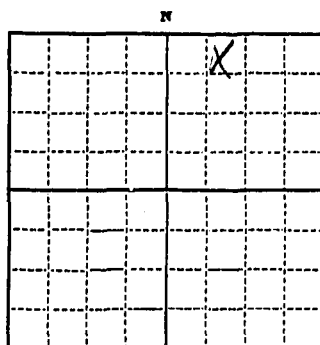
Shut-in Pressure for Flowing Well _____

Pumping Water Level 160 feet at 16 2/3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 3 hrs

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



NW 1/4 Sec. 12 T. 28 R. 22

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

Show exact depth of bottom.

Driller's License Number 18Driller's Signature Homer McClarty

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.

45585

14,021

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 24 day of July
A.D. 1929 at 1:45 o'clock P.M.

SSM
County Clerk and Recorder

By M. J.
Deputy

SW 3

File No.

78 N 22 W 12
RECEIVED
County JAN 8 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 31, 1963

Owner R. G. Walter Address Route 3

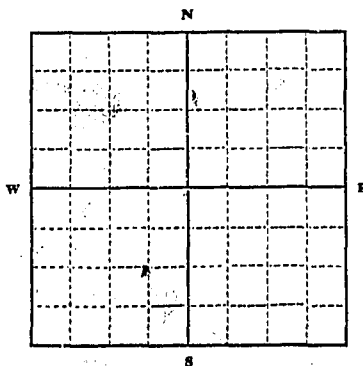
Contractor (if any)

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. Flowing Spring

Five (5) to Six (6) feet of water average depth.



SE 1/4 SW Sec. 12 T. 28 N. R. 22 W.

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

Continually-- Estimated volume of water used daily 2000 gals per day.

Includes stock watering.

Signature of Owner R. G. Walter

Date December 31, 1963

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

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

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

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

11020

STATE OF MICHIGAN
COUNTY OF WASHTENAW, SS

Filed on 31 day of Dec
A.D. 1902 o'clock M

County Clerk and Recorder

By [Signature]
Deputy

GROUNDWATER INDEX

Page 1 of 3County FlatheadTwp. 28 NRge. 20 WFolder # 2

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
13	Deming, N. D.	GW2	14150	-
13	Claypool, J. E.	GW4	10248	-
13	Halloway, Kenneth	GW2	14252	-
13	Halloway, Wm. H.	GW4	10992	-
13	Belostik, Ernest	GW3	14602	-
13	Kuenda, Harry	GW2	13849	-
13	Leary, John & Ellen M.	GW3	11346	-
13	Ross, Robert W. & John M.	GW4	10969	-
13	Schlab, Gladys	GW4	10884	-
13	Walter, Donald & Dorothy	GW4	11019	-
13	Wilson, Louis C.	GW3	14667	-
14	Dykstra, Ed	GW2	14173	-
14	Kithley, James J.	GW2	14652	-
14	Lambert, Herman	GW4	11169	-
14	Nieboer, Robert T.	GW2	13946	-
14	Peterson, Melvin & Monica	GW4	10456	-
14	Sapich, Lucia L.	GW2	13050	-
14	Tomerwine, Alice H.	GW4	11931	-
14	Tomerwine, Alice H.	GW2	13033	-
14	Threl, Claire	GW2	15052	-
14	Wilson, Clyde E.	GW3	10123	-
15	Bogart, Rodney	GW4	10556	-
15	Chamberlain, Ray	1959	107	-
15	Cameron, Earl F.	1960	107	-
15	Hagen, Peter & Evelyn M.	GW4	1093	-
15	Hugh, Otto Ross	GW2	13883	-
15	Kelly, Charles T. & Charles H.	GW2	14790	-
15	Kelly, Charles & Marion	GW2	14791	-
15	Kelly, Charles & Marion	GW4	10930	-
15	Lipinski, John J.	GW2	9133	-
15	Lipinski, John J.	GW4	9132	-
15	McLeod, Ella	GW4	10709	-
15	Meckey, Aldis T.	GW2	12990	-
15	Miller, Robert L.	GW2	14181	-
15	Parrish, Tracy	GW3	10340	-
15	Parrish, Tracy	GW4	10339	-
15	Putnam, Helen H. & Willie J.	GW4	9814	-
15	Stickney, Rodney & Dorothy M.	GW2	14409	-
15	Starick, George & Vera	GW4	10711	-
15	Urbis, Clarence & Edwina M.	GW4	10053	-
15	Wiedeman, L. R.	GW4	10724	-
16	Antrell, Howard	GW2	9446	-
16	Bauer, Ray	1960	8329	- well log
16	Carpenter, Frank	GW2	12960	-
16	Huncan, Douglas C.	GW2	12976	- Tr
16	Fenske, Audrey F.	GW4	11027	-

Tr - Transfer (Form 608)

GROUNDWATER INDEX

County GuthrieTwp. 28NRge. 22W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
11a	Foy, Leslie O. & Newell	GW4	10610	-
11a	Gibson, Chateau L.	GW4	9999	-
11a	Gibson, Chateau L.	GW2	14109	-
11a	Johnson, John H.	GW2	14195	-
11a	Melham, Earl O., Jr.	GW4	10479	-
11a	Robinson, Clifford J. & Florence	GW4	10474	-
11a	Smith, Eugene E.	GW2	13145	-
11a	Torrey, James R. & Sadonna J.	GW2	14325	-
11a	Van der Hilde, Donald H.	GW4	10676	-
11a	White, Marilyn Lee & Zetser R.	GW2	14418	-
11a	Whitehead, Dale M.	GW4	10979	-
11a	Whitehead, C. Willard	GW3	11142	-
17	Buckallow, Donald	GW3	14488	-
17	Buckallow, Donald	GW3 or 7	14487	-
17	Schoock, C.E. & Frances	GW3	10037	-
17	Slagter, Laura	GW3	14030	-
17	Marquardt, Vernon	GW3	10730	-
18	Johnson, Vernon	GW2	14435	-
18	Plaza, Howard P. & Hazel E.	GW3	14305	-
18	Schultz, Otto H.	GW4	10599	-
19	Gibson, Chateau L.	GW3	10000	-
19	Managhian, Wilson	GW4	11047	-
19	McPhetie, William M. & Bernice M.	GW4	10580	-
19	Olsen, Pauline C. & Kenneth E.	GW4	11044	-
20	Blank, Carl R.	GW2	11534	-
20	Coppen, Lester D.	GW2	14257	-
20	Huden, F. W. & Helen E.	GW1	10184	-
20	Marquardt, Vernon	GW3	10729	-
20	Schagel, James & Theresa	GW4	10644	-
20	Seely, Dale	GW2	14388	-
22	Biller & Harrington, Inc.	GW2	13407	-
22	Wittne, Norman L. & Margaret S.	GW3	9997	-
23	Hassett, Charles P. & Florence	GW4	9989	-
23	Hager, Manfred & Janice L.	GW2	14255	-
23	Harrington & Biller, Inc.	GW2	13046	-
23	Harrington & Biller, Inc.	GW2	14096	-
23	Stadler, Roy W. & Shirley A.	GW2	141648	-
23	Wells, Dr. Arch	GW2	11008	-
23	Wells, Robert O.	GW2	13032	-
24	Fisher, Ray A.	GW4	10100	-
24	Lincoln, Raymond D.	GW4	10293	-
24	Little, William J.	GW2	12221	-
24	Little, William J.	GW4	9536	-
24	Redmond, Sumner & Mrs. Joanne	GW4	10626	-
24	Ross, Paula A.	GW4	10953	-
26	Price, Gladys A.	GW3	9789	-

County

Twp.

2872

Rqe.

3242

Sec.

Name of Appropriator

Type of Form

County
File No.

Remarks

File No.

MONTANA MINES AND GEOLOGY BOARD

RECEIVED

OW 2

JUN 3 1970

T 28 R 22

13

County

Blattland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

14 ft Top soil

Clay, gravel
Cobbles & boulders

(20'-35' seepage)

24 ft

Clay, gravel
Cobbles

84 ft

Rock

135 ft

seepage

175 ft

Rock

Water

Driller Norman McCarty Address 945 S. 1st St.

Date of Notice of Appropriation of Groundwater

Date well started April 23/70Date Completed May 1970Type of well Drilled
(dug, driven, bored or drilled)Equipment Used 22" Borehole
(Churn, drill, rotary or other)Water Use: Domestic ☒ Industrial ☐Municipal ☐ Drainage ☐Other ☐ Stock ☐Irrigation ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
7" 20	23#		84 ft			
5" 11	15#		220			

Static Water Level for non-flowing Well 30 feet

Shut-in Pressure for Flowing Well

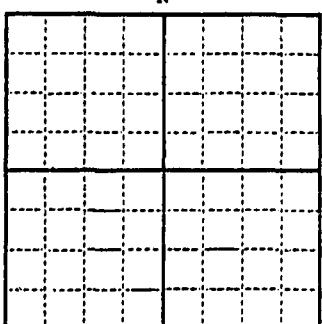
Pumping Water Level 240 feet at 10 gal. per minute

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 hrs

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

acres irrigated, if used for irrigation)



SE 1/4 Sec. 13 T. 28 R. 22

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

271 ft

Show exact depth of bottom

Filed for record
this 20th day of May
A. D. 19 70, at Blattland
O'clock 2:41 P. M.

Driller's License Number

Norman McCarty
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.

46532

14150

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 20 day of May
A.D. 1976 at 11:31 o'clock P.M.
By *[Signature]* County Clerk and Recorder
Deputy

File No. _____

GW 4

T N W 13

County _____

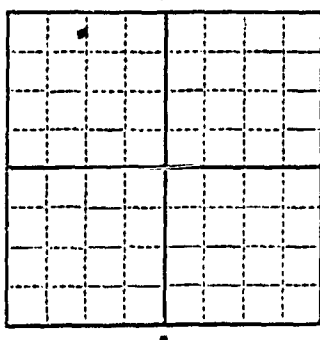
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. JE CLAYPOOL of 738 1st AVE E. KALISPELL
(Name of Appropriator) (Address) (Town)
County of FLATHEAD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 13 T. 28 R. 22

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 CATTLE
WATER DAIRY BARN & HOUSEHOLD
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1937 - CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 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
NONE
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal ELECTRIC
AUTOMATIC PUMP 1 HP.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. 1937

8. The depth of water table. 165' ONE HUNDRED SIXTY FIVE 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. DEEP WELL 165 FEET WITH
AUTOMATIC ELECTRIC SUBMERGED PUMP OF
1 HP.

10. The estimated amount of groundwater withdrawn each year 1,324,000

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 APPLICABLE

Signature of Owner J. E. Claypool

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.

13

10,248

FILED OF RECORDS
COUNTY OF FLAHLAD
Filed on the 27 day of Dec
A.D. 1963 at 9:55 o'clock AM
9877
By [Signature] Deputy Clerk and Recorder
Deputy

128

File No. _____

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 17 1971T. 28N R. 22W 13
County FlatheadSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

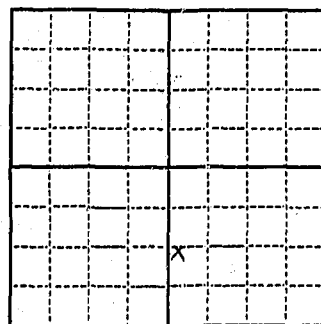
(Elev. above sea level 2980)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

1 1/2 ft Top soilClaylittle seepage40 ftClayGravel60 ft seepage66 ftRockWaterOwner Kenneth Galloway Address Rt. 2 Kalispell
Driller Homer McClarty Address 945-8th St.
Date of Notice of Appropriation of Groundwater Feb 25/71Date well started Feb 25/71 Date Completed Mar 5/71
Type of well Drilled Equipment Used 2 1/2" Rotary
(dug, driven, 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)
7" O.D.	2 3/4"		66			



SW 1/4 SE Sec. 13 T. 28N R. 22W

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

140 ft

Show exact depth of bottom.

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

Shut-in Pressure for Flowing Well.....14Pumping Water Level.....120 feet at.....gal. per minute.Discharge in gal. per min. of flowing well.....60

How Tested..... 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 used for irrigation).....

Doc. No. 14252
Filed for record
this 15 day of MARCH
A. D. 19 71, at 12:01
o'clock P.Driller's License Number 18
Driller's Signature Homer McClarty

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.

48230

14,252

STATE OF MONTANA
COUNTY OF FLATHEAD

SS

Filed on the 16 day of Mar
A.D. 191 at 4:00 o'clock P.M.

By *[Signature]*
County Clerk and Recorder

By *[Signature]*
Deputy

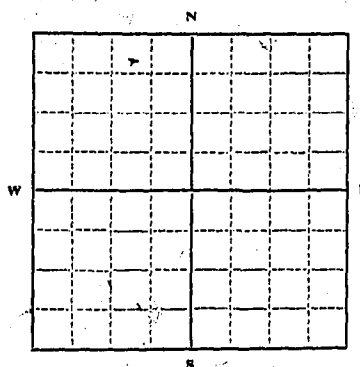
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County _____
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Wm. H. Hathaway, of Route 2 - Kalispell, Mont.
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 NW Sec. 13, T. 28, R. 22

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, Domestic Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1, 1955
Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.0 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
approx 1.8 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By wells - pump well located 75 feet south of north property line - 10 ft west of east property line
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in Jan 1955 completed in Aug 1955
8. The depth of water table approximately 40 to 100 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 well with deep well jet pump, 1 inch casing, 11 1/2 feet in depth
10. The estimated amount of groundwater withdrawn each year 1 1/4 million gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Wm. H. Hathaway

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.

10992

STATE OF MONTANA)
COUNTY OF DEERHINDS) SS

Filed on the 31 day of Dec
A.D. 1923 at 2:30 o'clock M

By *[Signature]*
County Clerk and Recorder

By *[Signature]*
Deputy

RECEIVED

13

GW 3

JAN 24 1973

File No.

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
County Deerhead RJG

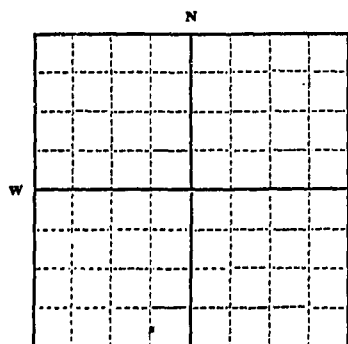
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 14,602
Filed for record
this 22nd day of JANUARY
A. D. 19 73, at 12:30
o'clock P.M.

Date of Appropriation of Groundwater
Owner Ernest Helser Address Route 2, Kalispell
Contractor (if any) natural Spring
Address of Contractor
Date Started unknown Date Completed



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is obtained from an under ground Spring which we had dug out to a depth of 8 FT we then set four concrete dry wells two high and filled in with rock and gravel around them

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

W 1/2 SE 1/4 SW 1/4 Sec. 13 T. 28 R. 22 N. W estimate approximate lengths of periods of use with the four dry wells as storage tanks and the rock fill around them there is about 1000 Gallons storage we pumped it dry 24 hours later it was overflowing
Indicate point of appropriation and place of use, if possible.

Signature of Owner Ernest Helser
Date Jan 22 - 1973

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.

F.

52,284

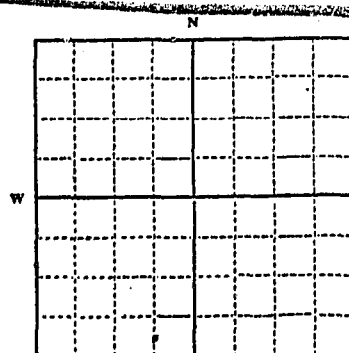
Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Owner Ernest Helseth
Address Rt. 2-Kalispell 59901
Location T. 28N R. 22W Sec. 13
Doc. No. 14,602

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please provide, as indicated in red on the attached form, the dates the spring development was started and completed; and the claimed groundwater (spring) use.

Thank You.



Describe means of obtaining groundwater for sub-irrigation and other natural processes. Include depth to water when applicable. WATER IS OBTAINED FROM AN

UNDERGROUND SPRING WHICH WE HAD DUG OUT
TO A DEPTH OF 8 FT. WE THEN SET
FOUR CONCRETE DRY WELLS TWO HIGH AND
FILLED IN WITH ROCK AND GRAVEL AROUND THEM

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent
CLAIMED USE 1200 GAL. PER DAY

W. estimate approximate lengths of periods of use. WITH THE FOUR

W 1/2 SEC. 14 SW 1/4 SEC. 13 T. 28 N. R. 22 W.

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

2 1/2 DRY WELLS AS STORAGE TANKS AND THE
ROCK FILL AROUND THEM THERE IS ABOUT
1000 GALLONS STORAGE WE PUMPED IT DRY
24 HOURS LATER IT WAS OVERFLOWING

Signature of Owner Ernest Helseth

Date JAN 22 - 1973

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.

GW 3

File No. _____

MONTANA DEPARTMENT OF PATRONS
MINES AND GEOLOGY

County

R

Flathead

R.J.G.

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)

Doc. No. 14,602
Date 22nd JANUARY
Time 12:39
Place P.

Date of Appropriation of Groundwater _____

Owner ERNEST HELSER Address Route 2, KalispellContractor (if any) NATURAL SPRING

Address of Contractor _____

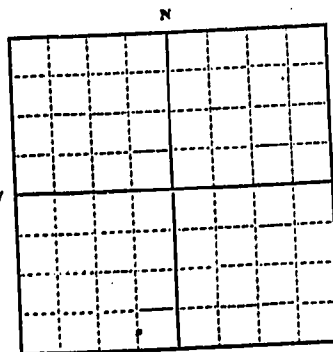
Date Started July 30-1965 Date Completed Aug. 30-1965

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. W.D.T.C. IS ABANDONED FOUNTAIN

under Ground Spring which we had dug out to a depth of 8 FT we then set four concrete dry wells two high and filled in with rock and gravel around them

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent claimed use 1200 gal. per day

estimate approximate lengths of periods of use. with the four



Indicate point of appropriation and place of use, if possible.
W 1/2 SE 1/4 Sec. 13 T. 28 R. 22

RECEIVED

JAN 30 1973

MONTANA DEPARTMENT OF PATRONS
MINES AND GEOLOGY

Signature of Owner Ernest HelsarDate Jan 22 - 1973

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.

52.284

File No. _____

GW 1

T. 28N R. 22W 13
County DeWittSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Harry Kunda address: Box 3, Kellieville
Driller: Homey McClarty address: 945-83rd St.

Date of Notice of Appropriation of Groundwater _____

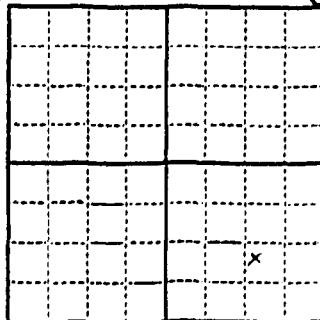
Date well started July 14/68 Date Completed July 24/68Type of well: Drilled
(dug, driven, bored or drilled)Equipment Used: 22W Buryer
(Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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.

Top of Ground

(Elev. above sea level 2980)1ft Top soil
Silt
28ft
Sand
37ft
Clay, gravel, cobbles
71ft
Silt
78ft
Clay, sand
Sand - little
98ft
Silty, clay
+ gravel - supage
164ft
Rock Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
			164			



S.E. 1/4 Sec. 3 T. 28 N. R. 22 W.

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

177ft
Show exact depth of bottom.Static Water Level for non-flowing Well 16 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 120 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested: Boiler Length of Test 3 hrs

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

Driller's License Number 18Driller's Signature Homey McClarty

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

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

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

44,640

13849

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 13 day of Aug
A.D. 1948 at 1:06 o'clock PM

County Clerk and Recorder

By _____

RECEIVED
OCT 3 1948

File No.

T 28 N R 22 W
County Flathead

13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 18 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 3-6-64

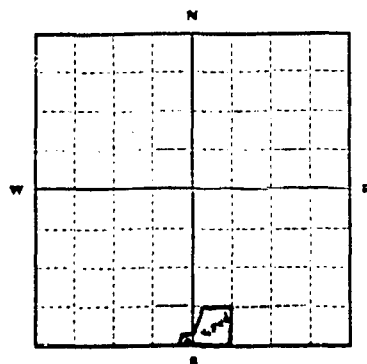
Owner John + Ellen M. Leam Address Route 2 Kalispell Mont.

Contractor (if any) NONE

Address of Contractor NONE

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. Flowing Spring



SE $\frac{1}{4}$ Sec. 13, T28, R22

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 year around

For all Household Domestic use + garden

Approx. 1000 gal. daily

Signature of Owner John Leam Ellen M. Leam

Date March 10, 1964

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.

11346

STATE OF MONTANA) SS
COUNTY OF FLAINGHEAD)
Filed on the 19 day of Dec
A. D. 1964 at 1:22 o'clock P M
Jem
County Clerk and Recorder
By Jem Deputy

File No.

GW 4

T. 28N R. 22W 13

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

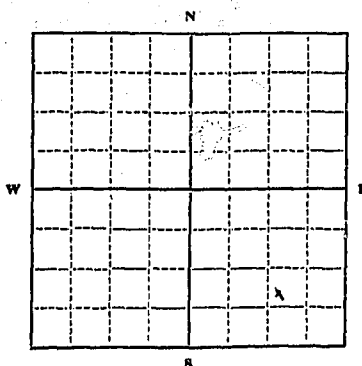
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Robert W. & Jo Anne H. Ross, of Route 2, Kalispell
(Name of Appropriator) (Address) (Town)

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



S.E. 1/4 S.E. Sec. 13, T. 28, R. 22

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.....

Domestic3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....August 2, 1950Constant4. The amount of groundwater claimed (in miner's inches or gallons per minute).....400 Gals. per Minute Hour

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 1/2 H.P. Motor7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....June 2, 1950 to August 2, 19508. The depth of water table.....10 Feet9. 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, 201 Ft., 5 inch steel casing10. The estimated amount of groundwater withdrawn each year.....9,000,000 gal. per year11. The log of formations encountered in the drilling of each well if available.....Sand & Clay, 65 Ft.; Cementy Gravel & boulders 120 Ft.; water bearing sand & gravel 5 Ft.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.....Description of said property may be found in Deed Book 92, Page 435 of records of Flathead County.Signature of Owner.....Robert W. RossDate December 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.

23134

10963

STATE OF MONTANA) SS
COUNTY OF LEAVERD)

Filed on the 3 day of Dec
A.D. 1963 at 2 o'clock PM

E. W. [Signature]
County Clerk and Recorder

By L. L. H. Deputy

File No.

GW 4

T. 27N R. 22W 13

County. Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

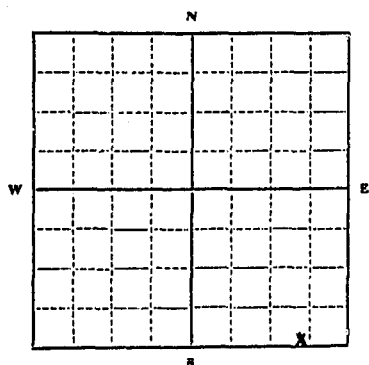
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Gladys Schlabs of Route #2 Helispell
(Name of Appropriator) (Address) (Town)
County of Glacier State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 13 T. 28N R. 22W

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 yard use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1950, constantly
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 600 gal. per hr.
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. pumping
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1950
8. The depth of water table. 16.5 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. 6 in. well, steel casing, static level 12 ft., draw down 45 ft., holds at 5.7 ft., depth 16.5 ft.
10. The estimated amount of groundwater withdrawn each year. 2,628,000 gal.
11. The log of formations encountered in the drilling of each well if available. Top 4 to 12 clay, 12 to 32 clay and silt mix, 32 to 118 clay and rock, heavy boulders, 118 to 126 is solid rock with 126 to 157 sandstone with layers of clay 157 to 165 soft rock.
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

Mrs. Gladys Schlabs

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.

23055

10884

DEPT OF HEALTH SS
Filed on the 31 day of Dec
A.D. 1963 at 12:34 o'clock P.M.
J.P. 711
County Clerk and Recorder
By L.L.H.
Deputy

File No.

GW 4

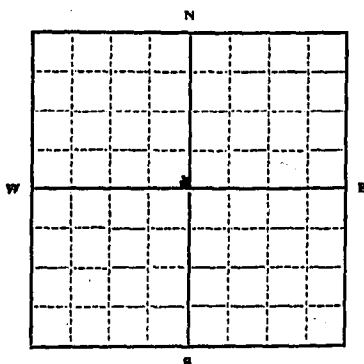
28 N 22 W 13
RECEIVED
JAN 8 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. DONALD AND DOROTHY WALTER of ROUTE # 2 KALISPELL
(Name of Appropriator) (Address) (Town)
County of FLATHEAD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec. 13 T28 R. 22

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 HOME
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 9/19/59, daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 15-gallons 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
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...
DEEP WELL PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 9/1/59 STARTED, COMPLETED 9/9/59
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... DRILLED 7" PIPE 122' DEEP
10. The estimated amount of groundwater withdrawn each year... 350,000 GALLONS
11. The log of formations encountered in the drilling of each well if available... 0'-24' CLAY, 24'-34' SANDY CLAY, 34'-78' CLAY & BOULDERS, 78'-118' GRAVELY CLAY, 118'-122' BROWN SAND AND 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... CONSULT COUNTY RECORDS

Signature of Owner Donald Walter

Date DECEMBER 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.

23189

11019

STATE OF MONTANA SS
COUNTY OF DEERHILL
Filed on the 3rd day of Dec
A.D. 1903 at 3⁰¹ o'clock P.M.
County Clerk or Recorder.
By *[Signature]* Deputy

RECEIVED

APR 30 1973

GW 3

File No. _____

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

T. 28N R. 22W
County Flathead

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 April 3, 1973

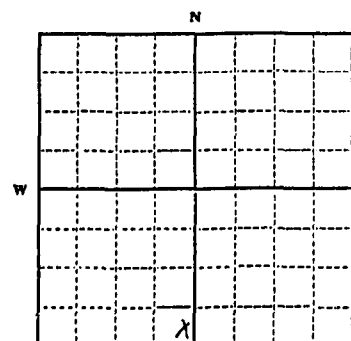
Owner Louis C Wilson Address Pr

Contractor (if any) None

Address of Contractor None

Date Started As soon as possible Date Completed As soon as possible

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Subirrigation & Springs
the subirrigation varies as the summer progresses



S.E. 1/4 Sec. 17 T. 28. R. 22

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

Doc. No. 14,667
Filed for record
this 29th day of April
A. D. 19 73 at 12:30
o'clock P.M.

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. I get my water through gravity system. I use the water for house & garden. I hope to later on develop the springs more to get more water

Signature of Owner Louis C Wilson

Date April 3, 1973

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.

53,032

14,667

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS
Filed on the 22 day of April
A.D. 1971 at 12:35 Clock P.M.
MA
County Clerk and Recorder
By MA
Deputy

(Under Chapter 237, Montana Session Laws, 1961)

47272

#14173

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 27th day of June
A. D. 1922 at 2:00 o'clock P.M.
Glen E. Millhouse
County Clerk and Recorder
By Donna Peterson
Deputy

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

MONTANA DEPARTMENT OF MINES
RESOURCES AND CONSERVATIONNotice of Completion of Groundwater
Appropriation by Means of Well

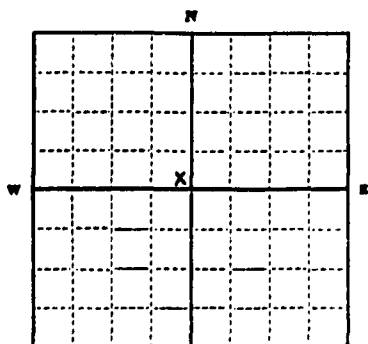
(Under Chapter 237, Montana Session Laws, 1961)

Owner James J. Keithley Address Reliance Mont.Driller John J. Gustin Address Ed. Falls Mont.Date of Notice of Appropriation of Groundwater Nov 24 1969Date well started Sept 22 - 69 Date Completed Sept 27 - 69Type of well drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

0 to 138 ft Boulders
and back pan.
138 to 168 ft.
Brown back pan
deep water.
168 to 273 ft
multicolored clay.
traces of gravel.
273 to 386 ft
Red rock
386 to 387 ft
Shattered bedrock.Doc. No. 14652
Filed for record
on 2nd day of Nov
A.D. 1969 at 15
o'clock P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" E.D.	0	273	none		
	23 lbs per ft					



SE 1/4 Sec. 4 T28. R22

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 20 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 31 c feet at 10 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Pail Length of Test 3 hrs

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

NO 55

Driller's License Number
John J. Gustin
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.

14,652

STATE OF MONTANA } ss
COUNTY OF FLATHEAD }

Filed on the 2nd day of April
A. D. 1922 at 11 o'clock P. M

M. Z.
County Clerk and Recorder

By df
Deputy

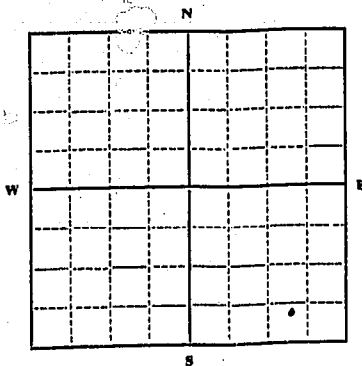
File No.

GW 4

T. 28 N R. 22 W 14
CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 23 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

SE 4 SE 1/4 Sec. 14 T. 22 N. R. 22 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.....Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....6 gals
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.....for garden use
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Four flowmeters

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....19548. The depth of water table.....100 ft9. 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.....6 in. pipe 100 ft deep10. The estimated amount of groundwater withdrawn each year.....315360011. The log of formations encountered in the drilling of each well if available.....Sand Rock
Clay and 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 Herman LaucknerDate 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.

33734

11/69

STATE OF MONTANA
COUNTY OF FLATHEAD

Subscribed on the 15 day of Jan
D. 1969 at 2:25 o'clock P.M.

Count Clerk and Recorder

By Deputy

F. No.

TRIPLICATE

T. 28 22 14
County FlatheadSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Driller

Address

Address

Date of Notice of Appropriation of Groundwater

Date well started

Date Completed

Type of well

(dug, driven, bored or
drilled)

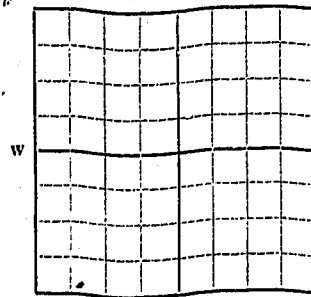
Equipment Used

(Churn, drill, rotary or
other)Water Use: Domestic ☒
Industrial ☐Municipal ☐
Drainage ☐Stock ☐
Other ☐Irrigation ☐

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

Top of Ground
(Elev. above sea level. 2980)
2 ft Top soil
Gravel, Cobbles
& boulders
24 ft.
Gravel, sand
Cobbles
82 ft
Boulders &
Hardpan
120 ft
Green color
hardpan with cobbles
172 ft
Glacier till
190 ft
Green rock
211 ft
Rock ^N Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" <u>60</u>	23" <u>4</u>		186			
5" <u>22</u>	15" <u>2</u>		157			



SW 1/4 Sec. 14, T. 28, R. 22

Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.289 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 100 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 230 feet at 8 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion 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 18Driller's Signature Homer McClartyThis form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Re-
corder 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.

45, 116

13,946

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 8 day of Jan
A.D. 1909 at 8:13 o'clock A.M.

SS
J.E.M.
County Clerk and Recorder

By M.D.
Deputy

File No.

GW 4

S.E. 1/4 SW. 1/4
T. 28 N. E. 1/4 SW. 1/4
R. 22 E.

14

County Fleethad

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

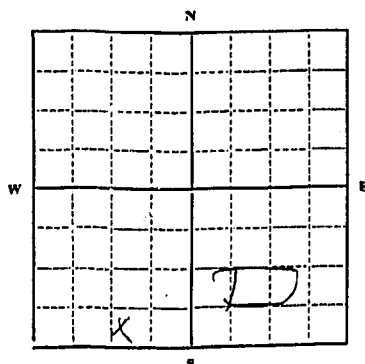
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Melvin Lor Monica Peterson of 1225 5th W, Kalispell
(Name of Appropriator) (Address) (Town)

County of Fleethad 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. 14, T. 28 N. R. 22 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. House stock & some vegetation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Possibly around 1910. Used sand with well drilled
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Unknown
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. Part of 19A.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Flowing Well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Unknown
8. The depth of water table. Top of casing
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. Around 12-6'
10. The estimated amount of groundwater withdrawn each year. Unknown
11. The log of formations encountered in the drilling of each well if available. Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Monica Peterson
Melvin Peterson
Date Dec. 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.

22635

10456

STATE OF MONTANA) SS
COUNTY OF FLAHEAD)

Filed on the 30 day of Dec
A.D. 1963 at 1:32 o'clock P.M.

Thomas E. Melhuus
County Clerk and Recorder

By *Creith* Deputy

File No. _____

MONTANA WATER RESOURCES BOARD
RECEIVED

JAN 9 1968

T. 28N R. 22W
County Hatfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level 2980)

Notice of Completion of Groundwater
Appropriation by Means of Well

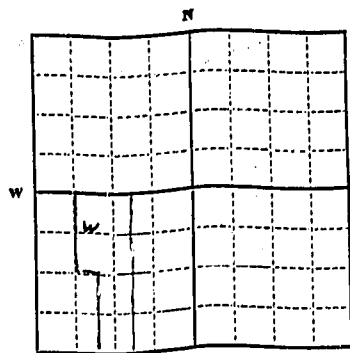
(Under Chapter 237, Montana Session Laws, 1961)

Boulders
Clay
91 ft
brown clay
Cobbles
118 ft
Hard pan
seepage at
158 ft
Solid
rock
with crevices
339 ft
Water

Owner Lewis J. Savik Address Rt 2 Kalispell
Driller Homer McElroy Address 945-8397
Date of Notice of Appropriation of Groundwater _____
Date well started Apr 15/65 Date Completed June 16/65
Type of well Drilled Equipment Used 22W Bingham
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) Erle
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)
			<u>144 ft</u>			
			<u>Cement to 231 ft</u>			



S.W. 1/4 Sec. 14 T28N R22W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

353 ft
Show exact depth of bottom.

Static Water Level for non-flowing Well 52 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 175 feet at 16 2/3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 4 hrs.

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

18
Driller's License Number
Homer McElroy
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.

42,730

13,050

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS
Filed on the 24 day of Nov
A.D. 1927 at 5:00 o'clock P
5:00
County Clerk and Recorder
By M. J. Deputy

No. _____

GW 4

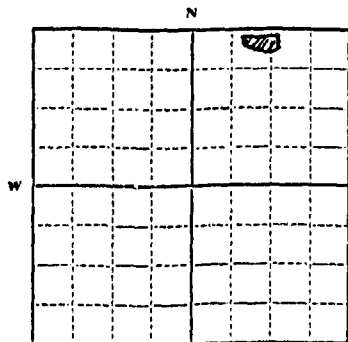
T. 28 N 22 W 14
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ALICE G. SOWERWINE of 427 6th Ave E - KALISPELL
(Name of Appropriator) (Address) (Town)
County of FLATHEAD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 of
NE 1/4 Sec. 14 T. 28 R. 22W

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 Residence
AND IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1965, for
irrigation only
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 gal 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
3 acres -
same
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
submerged electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 14 - July 13, 1965
8. The depth of water table 271 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 7" well - 276 ft deep
10. The estimated amount of groundwater withdrawn each year 500,000 gal
11. The log of formations encountered in the drilling of each well if available 92 ft. brown hard pan
121 ft. - gravel with silt
152 ft. - silty hard pan
221 ft. - water-bearing 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 Location south side of Hwy #2
top of Hart Hill 2 miles west of
Kalispell

Signature of Owner Alice G. Sowerwine
Date 12-5-65

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.

40659

11,931

FILED ON THE 10 DAY OF *Aug*
A.D. 1965 AT 2:27 O'CLOCK P.M.
SEM
County Clerk and Recorder
m. 2
By: _____ Deputy

RECEIVED

T. 28N R. 22W

F. No.

187 9 1967

County

Blaine

TRIPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980.)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

1 ft Top Soil

Clay

Cobbles + boulders

38 ft.

Clay, gravel

Cobbles

110 ft

Gravel, silt,

Clay - cobbles

170 ft

Gravel

Sand

Water

Owner Alice J. Lawrence Address Hwy 2 W Rt 2

Driller Homer McElarty Address 945 - 8th St

Date of Notice of Appropriation of Groundwater

Date well started Oct 5, 1967 Date Completed Oct 13, 1967

Type of well Drilled Equipment Used 2 1/2 W. Borehole
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) 5 inWater 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" 50	23"		184 ft			

Static Water Level for non-flowing Well 18 feet

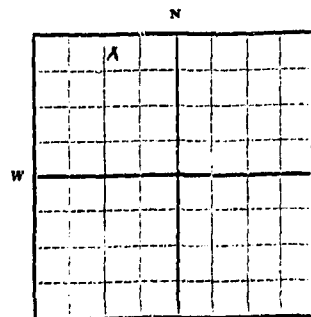
Shut-in Pressure for Flowing Well

Pumping Water Level 176 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Briller Length of Test 3 hrs

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



NE 1/4 NW Sec 14 T 28 R 22

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

184 ft

Show exact depth of bottom.

Driller's License Number 18

Driller's Signature Homer McElarty

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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13033

STATE OF MONTANA ss
COUNTY OF FLATHEAD)
Filed on the 24 day of Oct
A. D. 1964 at 2:50 Clock P M
D. M.
County Clerk and Recorder
By: [Signature] Deputy