

File No. \_\_\_\_\_

T. 32 R. 22

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

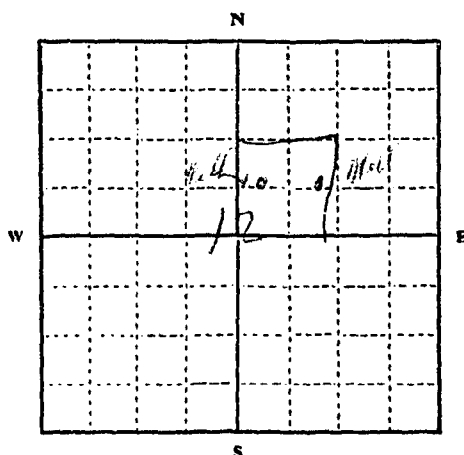
RECEIVED  
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



S. 1/4 Sec. 12, T. 32 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 Home  
Stock

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been since 1952 continuously

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 1000 + gallons

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

None

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal 130 ft well  
by electric pressure pump  
South of Helena S. 1/4 of NE 1/4 12-32-22

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater not known

8. The depth of water table each well 130 feet deep

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 each well 130 feet deep with 6 inch pipe boring

10. The estimated amount of groundwater withdrawn each year 136,000 gallons

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

not known

Signature of Owner Guy Murphy

Date 12-3-63

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. Helena

9545

251678

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 16 DAY  
OF Dec A. D. 1903  
AT 1:45 O'CLOCK P. M.  
Cora R. Mangrove  
COUNTY CLERK  
Ethel Shurt  
DEPUTY  
FEE 75

File No. \_\_\_\_\_

T 32 R 22 13

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

APR 30 1964

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

George Green

Owner George Green Address Harlem, Montana

Driller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water \_\_\_\_\_

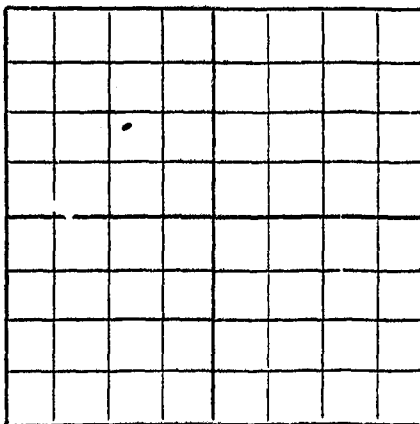
Date well started 3/29/64 Date Completed 4/1/64

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6-5/8 151bs	2'AG	99'	XX	XX	XXX



SE 1/4 NW 1/4 Sec 15 T 22 R 22  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 2' feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 10' feet

at 15 gal. per minute.

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

How Tested bailer

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) \_\_\_\_\_

15

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 Appropriator.

35608

253273

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 17 DAY

OF April A. D. 1964

AT 10:45 O'CLOCK A. M.

Cara K. Magnus

Cathy Shuck

PKR 2.00

COUNTY CLERK

DEPUTY

STATE ENGINEER

T. 32 R. 22  
County DLAINE

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		*

Owner William V. Parnell Address Harlan, Mont  
Driller R. C. SIMPSON Address MALTA  
Date Started 10/29/57 Date Completed 11/6/57  
Location: Sec. 16 T. 32 R. 22 1/4 sec SW 1/4 of SW 1/4 SEC 16

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

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

Casing: -1 ft. to 232 ft. Type SCREW PIPE Size 4" I.D. 1/4" WALL

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 202 to ft. 232 Ft. to ft.

Type of screen or perforations 3/16 drilled HOLES 16 TO FOOT

Static Water level, for non-flowing well: 18' feet.

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

Pumping water level: 60 feet at 15" gal. per min.

How tested: BAILEY TESTED

Length of test: 30 MIN

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
3 RUBBER PACKERS AT 200 FT.

(over)

## Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	OVERBURDEN
1	39	SANDY CLAY
39	42	LOOSE GRAVEL & Boulders
42	56	YELLOW CLAY, SAND & SHALE STRATA
56	60	SAND - WATER IN IT ABOUT 25% WATER SALT, ALKALI & SODA
60	110	YELLOW - BROWN SHALE
110	130	GRAY SHALE
130	140	DARK BROWN SHALE
143	187	LIGHT GRAY SHALE
187	190	SALT & PEPPER SANDSTONE
198	229	SALT & PEPPER SANDSTONE
229	232	LIGHT BLUE SHALE

File No.

ORIGINAL  
Dupl.

Approved State Engineer—State Publishing Co., Helena, Montana—42234

T. 31 N. 3. R. 2 E.

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE

JAN 6 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE W. PHARES of BLAINE, Montana, (Name of Appropriator) (Address) (Town)

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

#1					
#2					

#1-4W NE 18-31-22  
#2 NE SW 18-31-22  
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based (1) DRINKING  
STOCK WATER, IRRIGATION (2) SAME

3. Date or approximate date of earliest beneficial use; and how continuous  
(1) 1945 APPROX. YEAR ROUND  
(2) 1923 APPROX. YEAR ROUND

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
(1) 50 GALS. MINUTE APPROX.  
(2) 50 GALS. MINUTE APPROX.

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  
GARDENS JOINING WELL PLOTS. GEORGE W. PHARES

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
ELECTRIC PUMPS. LOCATION AS DESCRIBED.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
(1) COMPLETION 1945 (2) 1923 COMPLETED

8. The depth of water table (1) 80 FEET (2) 30 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  
(1) DRILLED WELL 80 FEET 6 INCH CASING  
(2) DUG WELL 30 FEET 4 FEET SQUARE WOOD CURBING

10. The estimated amount of groundwater withdrawn each year (1) 500,000 GALS. (2) 300,000 GALS.

11. The log of formations encountered in the drilling of each well if available (1) NOT AVAILABLE  
(2) 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 George W. Phares

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.

21948

File No. \_\_\_\_\_

ORIGINAL  
Dupl.

RECEIVED  
MAY 19 1964

T 3134

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE

JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James W. Phares, of Blaine, Montana  
(Name of Appropriator) (Address) (Town)

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

# 1


# 2


#1 NW NE 18-31-22  
#2 NE SW 18-31-22  
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based (1) DRINKING.  
STOCK WATER, IRRIGATION. (2) SAME

3. Date or approximate date of earliest beneficial use; and how continuous  
(1) 1923 APPROX. YEAR ROUND  
(2) 1923 APPROX. YEAR ROUND

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
(1) GALLONS PER MINUTE APPROX.  
(2) MINUTE APPROX.

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  
GARDENS JOINING WELL PLOTS. GEORGE E. PHARES

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
ELECTRIC PUMPS. LOCATION AS DESCRIBED.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
(1) COMPLETION 1946 (2) 1923 COMPLETED

8. The depth of water table (1) 80 FEET (2) 30 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  
(1) DRILLED WELL 80 FEET 6 INCH CASING  
(2) DUG WELL 30 FEET 4 FEET SQUARE WOOD CURBING

10. The estimated amount of groundwater withdrawn each year (1) 300,000 GALS. (2) 300,000 GALS.

11. The log of formations encountered in the drilling of each well if available (1) NOT AVAILABLE  
(2) 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 George W. Phares

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.



252109

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 31 DAY  
OF December A. D. 1963  
AT 2:20 O'CLOCK P. M.  
Lara L. Magnus  
COUNTY CLERK

200 DEPUTY  
FEE

File No.

T 32 R 22

DUPLICATE

County Blaine

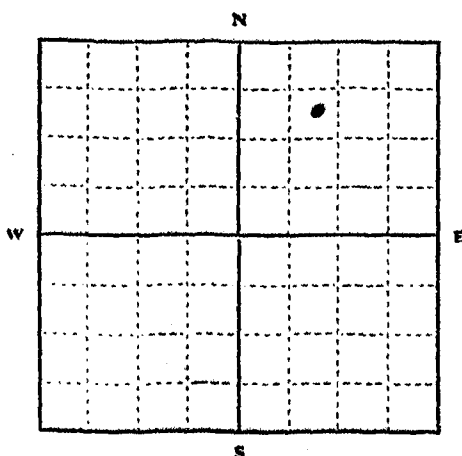
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 17 1963

Declaration of Vested Groundwater Rights  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. EARL REYNOLDS, of 300 Ninth Avenue South, Great Falls,  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE 1/4 Sec. 22, T32N R. 22E  
Blaine County, Montana  
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 not an artisan well, watering 100 to 200 head of cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been do not know approximate date but I bought the land in 1956, and it has been in use ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) have never measured it, but it flows continuously, and is partially capped.
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 electric pressure pump, NW 1/4 NE 1/4 Sec. 22, Township 32 N, Range 22E, Blaine County, Montana, designated Lot No. 5.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Have been reliably informed the well was drilled many years ago.
8. The depth of water table Do not know, the well was drilled, and it is lined with steel casings.
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 unable to give further information in answer to this question, other than that given above.
10. The estimated amount of groundwater withdrawn each year unable to answer this question but water has been continuously used to water 100 to 200 head of cattle
11. The log of formations encountered in the drilling of each well if available unable to give this information, as the well was drilled many years ago, before I purchased the land.
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 I have endeavored to obtain more information about these wells, but to date have been unsuccessful. If the foregoing declaration is not sufficient without further information, please advise me what is wanted, and I will endeavor to obtain the same.

Signature of Owner

EARL REYNOLDS

Date December 12, 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.

9543

251657

251657  
STATE OF MONTANA  
Clerk of the Court  
FILED FOR RECORD THIS 16 DAY  
OF December A. D. 1963  
AT 8 20 O'CLOCK P. M.  
Cora L. Maguire  
COUNTY CLERK  
ESTHER SHURT  
DEPUTY  
P.W. 22

(NOTARIAL SEAL)

DECEMBER, A. D.

63

Great Falls, Montana

April 1

66

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 James L. Smith  
Address 1001 1st St. Helena, MT  
Date well started Sept 5, 1972 completed 10/14/72

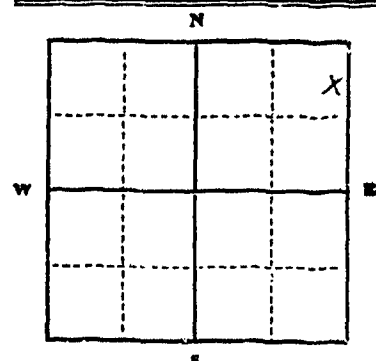
For Administrator's Use	
File	<u>269845</u>
	<u>Sept 5, 1972 - 10/14/72</u>
GW 1	

Type of well Hand (Dig, driven, bored or drilled)  
Equipment used Hand (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)
6" N.P.	1 1/2" x 10' L	0	100			



N.E. 1/4 N.E. 1/4 Sec. 22  
T. 32 N. R. 22 E

Static water level 1.2 ft.\*  
Pumping water level 1.8 ft.\*  
at 100 gallons per minute,  
measured 10 minutes after pumping began.  
\*Measured from ground level.  
Well developed by 10 hours.  
Power 10 HP Pump 10 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature James L. Smith  
Driller's Address 1001 1st St. Helena, MT

LICENSE NO. 31

County Blaine

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	4	Soil
4	10	Clay
10	24	Gravel
24	30	Gravel
30	36	Gravel
36	42	Gravel
42	48	Gravel
48	54	Gravel
54	60	Gravel
60	66	Gravel
66	72	Gravel
72	78	Gravel
78	84	Gravel
84	90	Gravel
90	96	Gravel
96	102	Gravel
102	108	Gravel
108	114	Gravel
114	120	Gravel
120	126	Gravel
126	132	Gravel
132	138	Gravel
138	144	Gravel
144	150	Gravel
150	156	Gravel
156	162	Gravel
162	168	Gravel
168	174	Gravel
174	180	Gravel
180	186	Gravel
186	192	Gravel
192	198	Gravel
198	204	Gravel
204	210	Gravel
210	216	Gravel
216	222	Gravel
222	228	Gravel
228	234	Gravel
234	240	Gravel
240	246	Gravel
246	252	Gravel
252	258	Gravel
258	264	Gravel
264	270	Gravel
270	276	Gravel
276	282	Gravel
282	288	Gravel
288	294	Gravel
294	300	Gravel
300	306	Gravel
306	312	Gravel
312	318	Gravel
318	324	Gravel
324	330	Gravel
330	336	Gravel
336	342	Gravel
342	348	Gravel
348	354	Gravel
354	360	Gravel
360	366	Gravel
366	372	Gravel
372	378	Gravel
378	384	Gravel
384	390	Gravel
390	396	Gravel
396	402	Gravel
402	408	Gravel
408	414	Gravel
414	420	Gravel
420	426	Gravel
426	432	Gravel
432	438	Gravel
438	444	Gravel
444	450	Gravel
450	456	Gravel
456	462	Gravel
462	468	Gravel
468	474	Gravel
474	480	Gravel
480	486	Gravel
486	492	Gravel
492	498	Gravel
498	504	Gravel
504	510	Gravel
510	516	Gravel
516	522	Gravel
522	528	Gravel
528	534	Gravel
534	540	Gravel
540	546	Gravel
546	552	Gravel
552	558	Gravel
558	564	Gravel
564	570	Gravel
570	576	Gravel
576	582	Gravel
582	588	Gravel
588	594	Gravel
594	600	Gravel
600	606	Gravel
606	612	Gravel
612	618	Gravel
618	624	Gravel
624	630	Gravel
630	636	Gravel
636	642	Gravel
642	648	Gravel
648	654	Gravel
654	660	Gravel
660	666	Gravel
666	672	Gravel
672	678	Gravel
678	684	Gravel
684	690	Gravel
690	696	Gravel
696	702	Gravel
702	708	Gravel
708	714	Gravel
714	720	Gravel
720	726	Gravel
726	732	Gravel
732	738	Gravel
738	744	Gravel
744	750	Gravel
750	756	Gravel
756	762	Gravel
762	768	Gravel
768	774	Gravel
774	780	Gravel
780	786	Gravel
786	792	Gravel
792	798	Gravel
798	804	Gravel
804	810	Gravel
810	816	Gravel
816	822	Gravel
822	828	Gravel
828	834	Gravel
834	840	Gravel
840	846	Gravel
846	852	Gravel
852	858	Gravel
858	864	Gravel
864	870	Gravel
870	876	Gravel
876	882	Gravel
882	888	Gravel
888	894	Gravel
894	900	Gravel
900	906	Gravel
906	912	Gravel
912	918	Gravel
918	924	Gravel
924	930	Gravel
930	936	Gravel
936	942	Gravel
942	948	Gravel
948	954	Gravel
954	960	Gravel
960	966	Gravel
966	972	Gravel
972	978	Gravel
978	984	Gravel
984	990	Gravel
990	996	Gravel
996	1000	Gravel

113 Show exact depth of bottom

51,311

RECEIVED

County Beane 22

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 Beane Lumber

Address Beane, Mont.

Date well started 6/24/72

completed 6/30/72

Type of well drill

Equipment used Churn drill

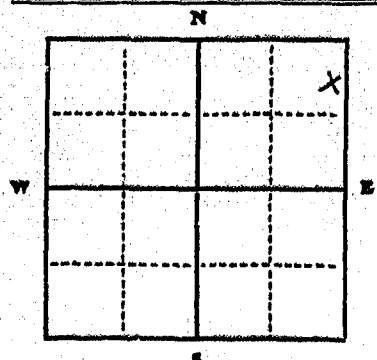
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

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)
6" 6' 12"		0	163			



N.E. 1/4 Sec. 22  
T. 22 N R. 22 E

Static water level 1.2 ft.\*  
Pumping water level 1.50 ft.\*  
at 20 gallons per minute,  
measured 12 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by churn  
for 2 hours.  
Power 1.5 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

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

Driller's Signature Leslie W. Winkler

Driller's Address Cheney, Mont.

LICENSE NO. 31

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	4	Soil
4	7.4	Gravel
7.4	9.4	Gravel
9.4	9.6	Gravel
9.6	12.4	Gravel
12.4	14.0	Gravel
14.0	16.0	Gravel
16.0	16.2	Gravel
16.2	16.3	Gravel
16.3		Gravel

163 Show exact depth of bottom

51,311

# 269845

STATE OF MONTANA

County of Blaine

Filed for record this 5 Day

of September D. 19 72

At 10:46 A. M.

Richard W. Richards County Clerk  
Deputy

Fee 2.00

T. 32 N. R. 22 E.

County Alameda

RECEIVED DEPARTMENT

# Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

Owner James H. Smith Address 1234 Main St.

**Driller** \_\_\_\_\_ **Address** \_\_\_\_\_

Date of Notice of appropriation of groundwater 12/1/77

Date well started 6-1-72 Date completed 8-10-72

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

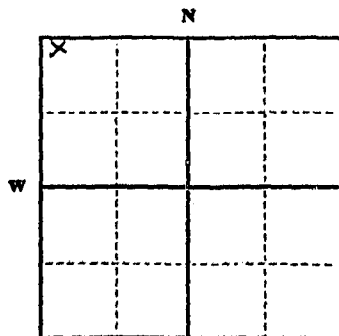
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

Doc. No. 268628

Filed for record  
this 22nd day of February  
A. D. 19 22 at 10:22  
o'clock A. M.

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 5/8	6 7/8 x 19	0	16 3	none		



Static Water Level for non-flowing well  
2 feet.

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

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

Discharge in gal. per min. of flowing well

How Tested Visual

Length of Test.....

Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff).....

NW/NE Sec. 23 T. 32 R. 22  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

.(Continue on reverse side)

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

**Show exact depth of bottom.**

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

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

Driller's License Number

Driller's Signature \_\_\_\_\_

49,905

#268628

STATE OF MONTANA }  
County of Blaine }

Filed for record this 22 Day  
of February A. D. 19 22  
At 10:27 A. M.

County Clerk  
William J. Schmale  
Deputy  
Ecc \_\_\_\_\_



File No.

T. 22 R. 22

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

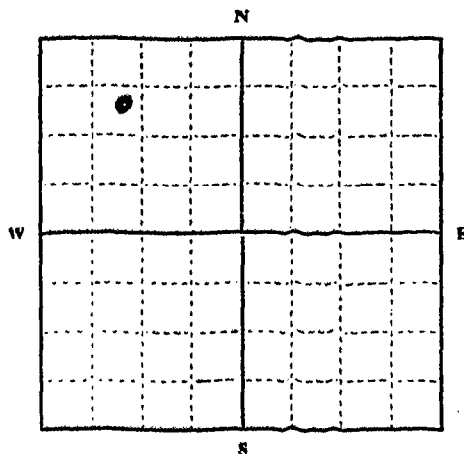
RECEIVED  
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. EARL REYNOLDS, of 300 Ninth Avenue South, Great Falls,  
(Name of Appropriator) (Address) (Town) MT  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 23 T. 22N. R. 22E  
Blaine County, Montana  
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 is an artisan  
well, watering 150 to 200 dairy cows, and supplying  
2 dairy barns with water.
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been. Do not know, approximate date,  
of the earliest beneficial use of this well, but  
I bought the land in 1956, and it has been in  
use ever since.
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) Have never measured it, but it flows  
continuously, and is partially capped.
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  
This well not used for irrigation
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal electric  
pressure pump, NW 1/4 of Section 23, Township  
32 North, Range 22E, Blaine County, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Have been reliably informed the well was drilled  
many years ago.
8. The depth of water table Do not know. The well was drilled, and it is lined with  
steel casings.
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 Unable to give further information, in  
answer to this question, other than that given above.
10. The estimated amount of groundwater withdrawn each year Unable to answer this question,  
but water has been continuously used to water 150 to 200 head of cattle.
11. The log of formations encountered in the drilling of each well if available Unable to give this information, as the well was drilled many years  
ago, before I purchased the land
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 I have endeavored to obtain more in-  
formation about these wells, but to date have been unsuccessful. If the  
foregoing declaration is not sufficient, without further information, please  
advise, and I will endeavor to obtain the same.

Signature of Owner

EARL REYNOLDS

December 12, 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.

9544

251658  
251658

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 16 DAY  
OF December A. D. 1963  
AT 8:21 O'CLOCK P. M.  
Cora L. Musgrave  
COUNTY CLERK  
C. Arthur Shurt  
DEPUTY  
VER 23

(NOTARIAL SEAL)

DECEMBER, A. D. 63  
Great Falls, Montana  
April 1 65

RECEIVED  
MAY 6 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 32 R. 22 25  
County Blaine

WATER WELL LOG

	X	K

Owner Charles Brower Address Harlem, Montana  
Driller R. C. Simpson Address Malta, Montana  
Date Started April 24, 1958 Date Completed April 28, 1958  
Location: Sec. 25 T. 32 R. 22 1/4 sec. 12 1/2

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

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

Casing: 0 ft. to 228 ft. Type screw joint Size 6 inch O.D.

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

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

Perforated or Screened: Ft. 175 to ft. 228 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations drilled 3/16 holes

Static Water level, for non-flowing well: flows small amount feet.

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

Pumping water level 75 feet at 10 gal. per min.

How tested: baller

Length of test: one hour

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

(over)

## Log of Well

[illegible]

File No. \_\_\_\_\_

T. 32 R 22

DUPLICATE

County \_\_\_\_\_

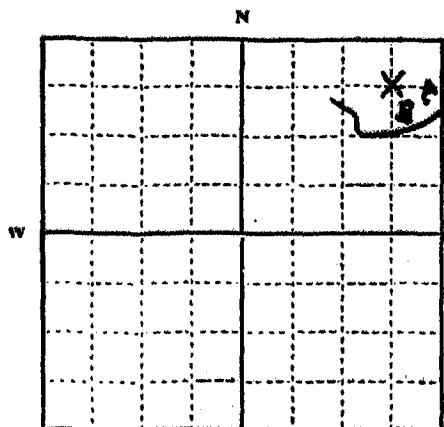
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964  
STATE ENGINEER

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



Lot 1 (NENE)

1/4 Sec 26 T 22 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 A. Household And Livestock B. Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been A. 1938, daily  
B. 1950, daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) A. 10 G.P.M.  
B. 10 G.P.M.
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.  
A. deepwell Jet Pump  
B. deepwell Jet Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
A. 1938  
B. 1950
8. The depth of water table. A. 8 Feet B. 10 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
A. drilled, 8 inch 140 ft. deep  
B. drilled, 8 inch 50 ft. deep
10. The estimated amount of groundwater withdrawn each year. A. 2,500,000 Gal.  
B. 2,500,000 Gal.
11. The log of formations encountered in the drilling of each well if available.  
A. Not available  
B. 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.  
A. None known  
B. None known

Signature of Owner

Ashton Bros.  
Ray Paul Ashton  
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.

21896

252053

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 30 DAY  
OF December A. D. 1963  
AT 4:10 O'CLOCK P. M.  
Cara L. Musgrave  
COUNTY CLERK

DEPUTY

FEE 2.00

## GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 32 NORTH Rge. 23 EAST

[illegible]

GW3

33/23

File No.....

T. 32 R. 23

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1945

J. George Pitch

Owner Alex Pitch Address Harlem Mont.

Contractor (if any) .....

Address of Contractor .....

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

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

18 in. Pipe and drained With 4 in. Pipe to

Tank in sec 10 Natural Spring in Sec. 4 33/23

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 .....

Used 8 months of year for stock water

Signature of Owner J. George Pitch

Date Dec 16--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.



251822

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 19 DAY  
OF December A. D. 1963  
AT 1:47 O'CLOCK P. M.  
Cora L. Musgrave  
COUNTY CLERK

PER 200

DEPUTY

File No. ....

T. 32 R. 23

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

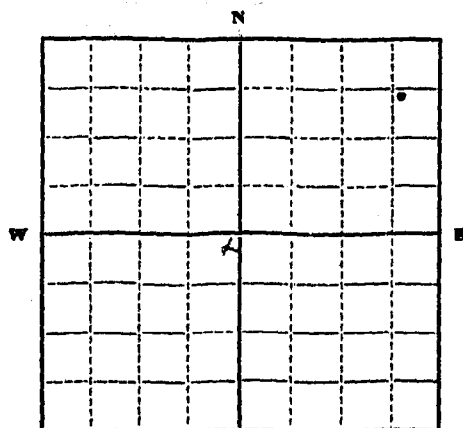
RECEIVED  
NOV 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NE 1/4 Sec 7 T 32 R 23

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

2. The beneficial use on which the claim is based stock water & household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 every year since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.0 gallon per minute in each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump
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
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 @ 200' depth, 5" casing, deep well jet
  - 1 @ 150' depth, 4" casing, stock water pump
  - 1 @ 70' depth 6" casing, shallow well jet
10. The estimated amount of groundwater withdrawn each year 1,000,000 gals
11. The log of formations encountered in the drilling of each well if available.
  - 200' well mostly shale
  - 150' well gravel
  - 70' well 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 None

Signature of Owner Gene Conell

Date Nov. 15, 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.

1562

25-1231  
251232

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 21 DAY  
OF Nov A. D. 1963  
AT 1:10 O'CLOCK P. M.

*Car L. [Signature]*  
COUNTY CLERK  
*Esther [Signature]*  
DEPUTY

FEE 2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—47234

File No. ....

T. 32 R. 23

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

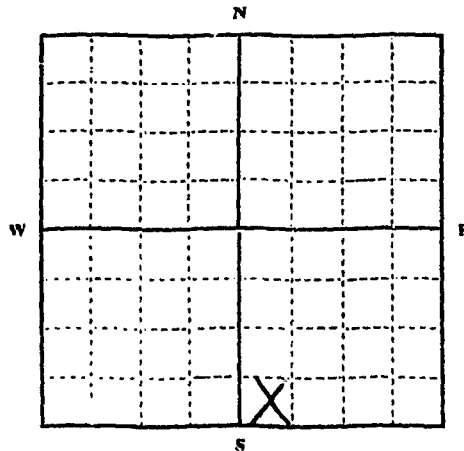
JAN 6 1962

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERWIN E. MARTIN, of R.R. 1, HARLEM  
(Name of Appropriator) (Address) (Town)

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



W 5 1/4 SE Sec. 16 T. 32 R. 23

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 and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1938

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

Garden - Lawn

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

5.50 g.p.m. per hr  
Pressure System

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 8 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

vin. steel casing - 75 ft deep

10. The estimated amount of groundwater withdrawn each year Household use + 100 head cattle

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 Erwin E. Martin

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.

21840

251997

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 30 DAY

OF December A. D. 1963

AT 1:25 O'CLOCK P M.

Caro L. Musgrove  
COUNTY CLERK

200  
FEE

DEPUTY

County Blaine

**RECEIVED**

## STATE ENGINEER

X	

Location: Sec. 17 T. 32 R. 23  $\frac{1}{4}$  sec. SW $\frac{1}{4}$  SW $\frac{1}{4}$

---

(over)

## Log of Well

[illegible]

GW

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

File No. \_\_\_\_\_

DUPLICATE

County BLAINE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

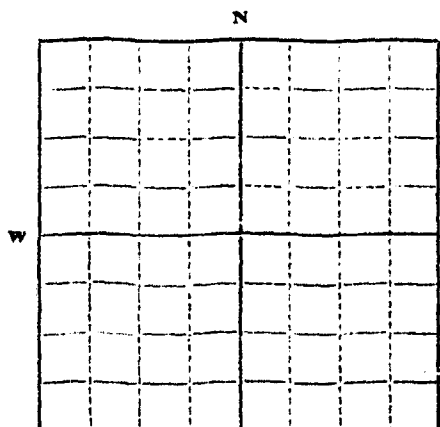
RECEIVED  
JUN 28 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Stephen O'Leary of NARLEN  
(Name of Appropriator) (Address) (Town)  
County of BLAINE State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



LOT 17, 18 - Block 1  
S. 400

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

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

WATERING LAWN & GARDEN

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

OCT. 1961  
SUMMER MONTH

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.

LAWN & GARDEN

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

PUMP  
Between Lot 17-18

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

OCT. 1962

8. The depth of water table.

75'

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.

STEEL CASING

10. The estimated amount of groundwater withdrawn each year.

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

2 INCH SAND & 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

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.

4824



State Eng.  
Helena

249646

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 20 DAY  
OF June A. D. 1962  
AT 2:30 O'CLOCK P. M.

Cora L. Montgomery  
COUNTY CLERK  
Esther Sheets  
DEPUTY

FEE 2.00

RECEIVED  
AUG 20 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 33 N R. 23 E Sec. 18  
County Blaine

WATER WELL LOG


Owner Mrs. Lucy Marlow Address Harlem Montana B-8.

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 18 T. 33 N R. 23 E  $\frac{1}{4}$  sec. \_\_\_\_\_

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

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

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

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

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

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

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 39' 4" feet.

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

Pumping water level: 35' 1" feet at 7 gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

The well was probably dug in 1910 or 1911  
Has a cement casing, put in in 1913  
This description is as definite as I can give.

(over)

File No. ....

T. 32 N. R. 23 E.

DUPLICATE

County of Blaine

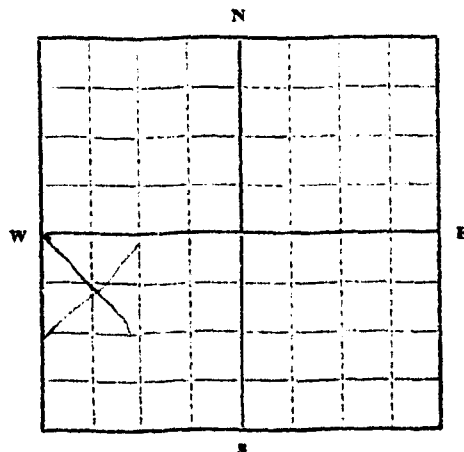
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
AUG 15 1963  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Riggin-Starch Farming Corporation, of Harlem  
(Name of Appropriator) (Address) (Town)  
County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SW 1/4 Sec. 20, T. 32 N. R. 23 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... livestock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... about 1942-1943, continuous since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24 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 withdrawal, such water from the ground and the location of each well or other means of withdrawal 2 wells, each with pump, located in NW 1/4 SW 1/4 of Section 20, Township 32 North, Range 23 East, M.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1942-1943, Exact dates unknown
8. The depth of water table... approximately 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... two (2) wells, drilled to depth of about 100 feet, each serviced by pump drawing from 1 1/2" pipe.
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... 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

Riggin-Starch Farming Corporation

Signature of Owner [Signature] President

Date Aug 13, 1963

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

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

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

5/108

250152

STATE OF MONTANA  
County of Blaine  
FILED FOR RECORD THIS 12 DAY  
OF Aug A. D. 1963  
AT 10:50 O'CLOCK A M.  
Cora L. Mangum  
COUNTY CLERK  
Ester Sherb  
DEPUTY  
FEE 2.00

21766

LOG OF WELL DESCRIBED ON REVERSE SIDE OF THIS FORM

0-1 1/2 ft.	top soil
1 1/2-5	fine sand
5-50	brown clay
50-60	brown clay
60-88	sandy brown clay
88-105	sandy blue clay
105-112	sandy brown clay
112-123	muddy sand
123-136	blue clay
136-140	grey clay
140-228	muddy sand
228-240-	blue shale
240-247	sandy brown shale
247-256	blue shale
256-259	sandy brown shale
259-265	blue shale
265-269	sandy tan shale
269-285-	blue shale
285-295	shaley sandstone
295-303	blue shale
303-306	sandstone
306-309	blue shale
309-314	sandstone
314-317	blue shale
317-350	sandstone -- water

Water level 11 feet from surface.

STATE OF MONTANA  
County of Blaine  
FILED FOR RECORD THIS 16 DAY  
OF November A.D. 1963  
AT 2:30 O'CLOCK P.M.  
C. M. Alexander  
COUNTY CLERK  
C. M. Alexander  
DEPUTY

251880

T 34 R 220

County Maine

RECEIVED

## STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

2. The beneficial use on which the claim is based Livestock  
Water & Domestic Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930-1930-Continuous.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gals. per min. each well

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

..... $\frac{1}{4}$ ..... Sec..... T..... R.....

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. City of  
& Indwell Pump. Sec. 29/34/23. Sec. 5/25/23.  
Sec 21/36/23. Sec. 34/35/24. Sec. 25/36/23.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1930-1935-1936-1943-1944

8. The depth of water table.....16 to 150 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. 22/10ft. 5in. Dia. 11in. 5/10ft. 4in. Dia. 11in. 21 1/2 ft. 5in. Elect. Pumps. Sec. 34. 80ft. 4in. Dia. 11in. 25. 120ft. 5in. Elect. Pumps.

10. The estimated amount of groundwater withdrawn each year 1,500,000

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

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

Date.. Dec. 10-67

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.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. \_\_\_\_\_

DUPLICATE

T. 34<sup>N</sup> R. 23<sup>E</sup>  
32 23  
County Elaine

STATE OF MONTANA

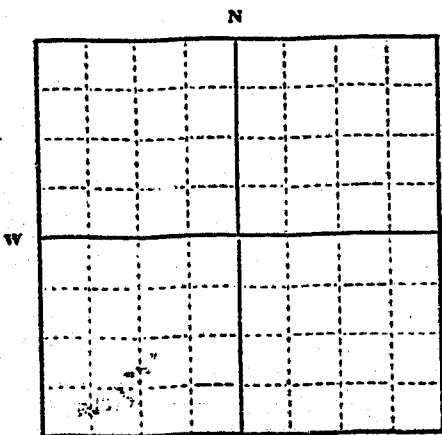
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights DEC 26 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, J. George Pitch & Alex Pitch, of Harlem (Town)  
(Name of Appropriator) (Address)  
County of Elaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Livestock  
Water & Domestic Use

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1930-1936-1930-Continuous

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 20 gals Per Min. Each well

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

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal Electric  
& Windmill Pumps. Sec. 29/34/23 Sec. 5/33/23  
Sec. 21/36/23, Sec. 34/35/24, Sec. 25/32/23

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 1930-1935-1936-1943-1944

8. The depth of water table 16 to 150ft.

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 29/16ft. 5in. Dia. Windmill Sec. 5/16ft. 4in. dia.  
Elect. Pump Sec. 21/2 wells 50ft. 5in. Elect. Pumps. Sec. 34. 80ft. 4in. Dia. Windmill  
Sec. 25. 130ft. 5in. Elect. Pump

10. The estimated amount of groundwater withdrawn each year 1,500,000

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

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

Date Dec. 16-63

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.



251820

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 19 DAY  
OF December A. D. 1963  
AT 1:15 O'CLOCK P M.

Cara L. Musgrave  
COUNTY CLERK

200 DEPUTY  
FEE

RECEIVED  
OCT 9 1959

T. 32 R. 23  
County Blaine

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

X			

Owner J. George Pitch Address Harlan Mont. 49

Driller Simpson Drilling Co. Address Malta Mont. 89

Date Started Sept. 18 -59 Date Completed Sept. 24 -59

Location: Sec. 26 T. 32 R. 23 1/4 sec. Nw

Type of well Drilled Equipment used Churn  
(Dug, driven, bored, or d. "d") (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 70 ft. Type Steel Size 5 In.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 64 to ft. 65 Ft. to ft.

Type of screen or perforations 1/2 In. Holes Drilled In Casing

Static Water level, for non-flowing well: 8 feet.

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

Pumping water level: 35 feet at 8 gal. per min.

How tested: Bail

Length of test: 3 Hrs.

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

(over)

## Log of Well

[illegible]

File No. ....

D2 R 23

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

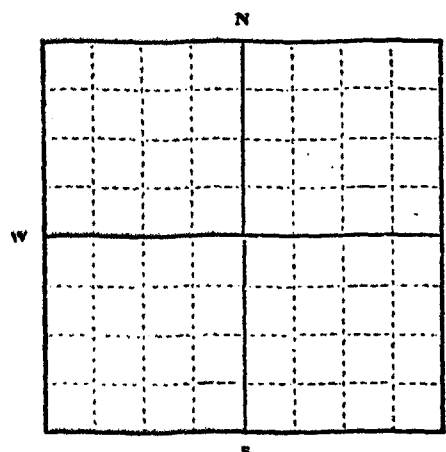
RECEIVED  
DEC 26 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. J. George Pitch & Ethel E. Pitch, of Harlem  
(Name of Appropriator) (Address) (Town)  
County of Blaine State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... 1/4 Sec. .... T. .... R. ....

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943. Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 Gals. Per Min. Each Well

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
S.W. 1/4 Sec. 26-32-23--Two Wells. Electric Pump. One Well N.W. 1/4 26/32/23. Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1943 1959

8. The depth of water table 35 Ft. Two Wells 64 ft. one well

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. Two Wells S.W. 1/4, 26 135 ft. 5 in. Casing Electric Pumps Well N.W. 1/4 Sec 26 70 ft. 5 in. Casing Electric Pump

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

11. The log of formations encountered in the drilling of each well if available. Unavailable Two Wells N.W. 1/4 SEC. 26 Well 10 to 30 Brown Sandy Clay 30 to 64 Grey Muddy Shale 64 to 66 Ground Water 66 to 68 Grey Muddy Shale

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

Signature of Owner

Date Dec 16-62

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.

11998

251821

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 19 DAY  
OF December A. D. 1963  
AT 1:46 O'CLOCK P. M.  
Core L. Mesgrave  
COUNTY CLERK

FEB 2 1963

DEPUTY

File No.

DUPLICATE

RECEIVED  
SEP 11 1964

Approved State Form—State Publishing Co., Helena, Montana—39314

T 32 R 23

County BLAINE

STATE OF MONTANA  
ADMINISTRATIVE DEPARTMENT  
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner RALPH D. NACE Address TURNER, MONTANADriller HI-LINE DRILLING SERVICE Address HAUAE, MONTANA

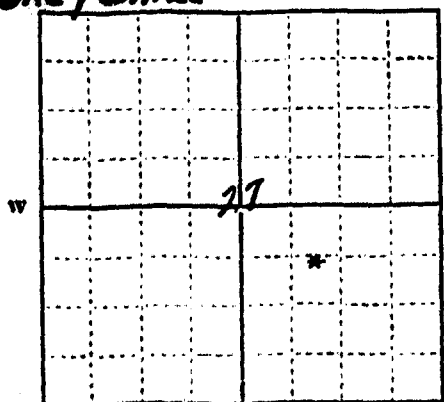
Date of Notice of Appropriation of Groundwater

Date well started NOV 25, 1963 Date Completed DEC 28, 1963Type of well DRILLED Equipment Used CABLE TOOL RIG  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☒

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

Top of Ground  
(Elev. above sea level \_\_\_\_\_)  
12 TOP + SECTION  
17 BROWN CLAY  
20 BROWN SAND - TRACE OF WATER  
30 SANDY BROWN CLAY  
33 SOFT BLUE CLAY  
35 GREY SAND - TRACE OF WATER  
62 GREY CLAY  
63 SILTY GREY CLAY  
73 GRAVEL (PEA SIZE TO 3" IN DIAMETER) OVER 150 GPM - WATER  
92 HIGH IN SODIUM SALTS - SHUT OFF  
95 SANDY GREY SHALE - SOFT  
108 HARD SANDSTONE SHELL  
124 SANDY GREY SHALE  
141 SANDY BLUE SHALE  
142 HARD SANDSTONE SHELL  
149 GREY SANDSTONE - WATER - 1 GPM  
150 LT. BROWN SHELL  
166 GREY SANDSTONE - WATER - APPROX 1 3/4 GPM  
256 GREY SHALE  
291 GREY BENTONITE SHALES  
295 GREY SHALE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" 6 1/4" I.D.	13" PER FT.	0	130			
5 1/8" 5" I.D.	16" PER FT.	125	295	3/4" x 4" SLOTTED	142	166



NN 1/4 SEC 27 T. 32 R. 23  
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 11 feet.Shut-in Pressure for Flowing Well NOT APPLICABLEPumping Water Level 285 feet at 2 3/4 gal. per minute.Discharge in gal. per min. of flowing well NOT APPLICABLEHow Tested BALER Length of Test 3 HOURS

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

acres irrigated, if used for irrigation)

Driller's License Number 46Driller's Signature Herbert Greiner

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.

21858

252015

STATE OF MONTANA  
County of Elaine

FILED FOR RECORD THIS 30 DAY

OF December A. D. 1963

AT 2<sup>nd</sup> P. M.

Carl P. Magnusson  
COUNTY CLERK

Bethel Shurtz  
DEPUTY

PER 2<sup>nd</sup>

**File No.**.....

## T R

**DUPLICATE**

County San Diego

## 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)

Owner J. H. Wilson Address San Francisco

Driller Paul W. Walker Address 1241 1st

Date of Notice of appropriation of groundwater 1-1-69

Date well started 11-26-69 Date completed 11-27-69

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

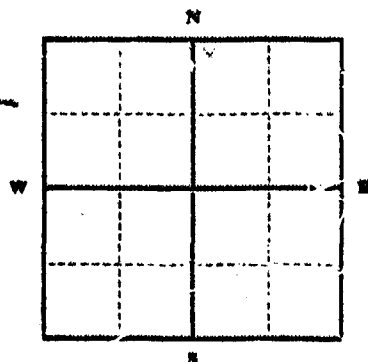
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" x 26 lb	0	30	None		

**MONTANA WATER RESOURCES BOARD**  
**RECEIVED**

DEC 10 1969



Static Water Level for non-flowing well .....10.....feet.

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

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

Pumping Water Level.....40.....feet

at 24 gal. per minute.

Discharge in gal. per min. of flowing well

**How Tested**.....

Length of Test 14.2

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

NW 1/4 NE Sec 21 T. 32 R. 23  
Indicate location of well and  
place of use, if possible. Each  
small square represents 40  
acres.

..(Continue on reverse side)

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

**Show exact depth of bottom.**

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

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

Driller's License Number

**Driller's Signature**

4595T



T. 32 R. 23

County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER

		*

Owner Donald Gill Address Harlem, Montana

Driller Simpson Drilling Co. (Emmett Gendron) Address Malta, Montana

Date Started August 30, 1961 Date Completed August 30, 1961

Location: Sec. 33 T. 32 R. 23  $\frac{1}{4}$  sec. NE  $\frac{1}{4}$  NW  $\frac{1}{4}$

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

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

Casing: 0 ft. to 48 ft. Type steel Size 6 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: \_\_\_\_\_ 20 feet.

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

Pumping water level: 22 feet at \_\_\_\_\_ 20 gal. per min.

How tested: 2 hours

Length of test: \_\_\_\_\_

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

casing driven in gravel

(over)

## Log of Well

[illegible]

File No. \_\_\_\_\_

DUPLICATE

T. 2 R. 3

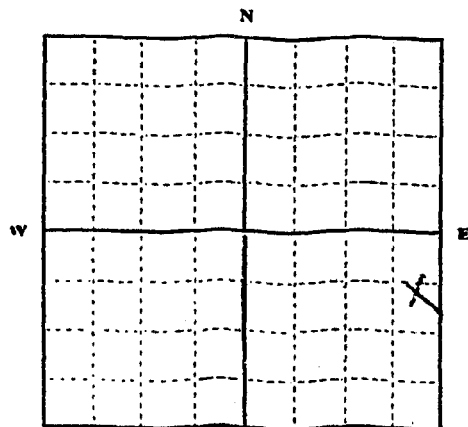
County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1963

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

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



Sec 36 T. 2 R. 3

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

2. The beneficial use on which the claim is based Stock
3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1944  
Used seasonally
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Five gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump Jack 1/2 Hp.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944
8. The depth of water table 120' approx.
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 5" Iron Casing
10. The estimated amount of groundwater withdrawn each year Approx 450 Thousand Gallons
11. The log of formations encountered in the drilling of each well if available  
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

Ruth Ekgren

Date

Dec 6, 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.

8525

251575

251575

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 10 DAY  
OF Dec A. D. 1963  
AT 9:00 O'CLOCK A. M.  
Chas. L. Magnan  
COUNTY CLERK  
Esther Sheets  
DEPUTY  
FEB 20

# GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp 32 NORTH Rge. 24 EAST

[illegible]

File No.

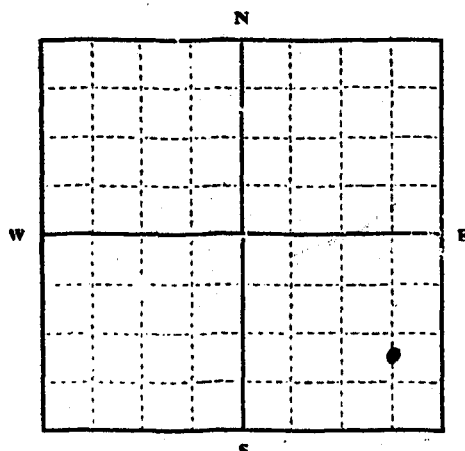
DUPLICATE

T. 32 R. 24E  
County BlaineSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Smith and Nellie Riddle*, of *Pipe 1 Box 391*, *Libby*  
(Name of Appropriator) (Address) (Town)  
County of *Lincoln* State of *Montana*  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 32, T32, R24E

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

2. The beneficial use on which the claim is based *Stock Water*3. Date or approximate date of earliest beneficial use; and how continuous the use has been *March 24, 1958*  
*Continuous use*4. The amount of groundwater claimed (in miner's inches or gallons per minute) *80 gallon 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

*Completed on March 24, 1958*8. The depth of water table *101 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

*106 feet depth*  
*7 inch casing*10. The estimated amount of groundwater withdrawn each year *don't know*11. The log of formations encountered in the drilling of each well if available *this well had*  
*surface soil 12 feet, 85 feet quick sand & soft clay*  
*5 feet sticky shale, 2 feet hard 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 *Nellie M Riddle*  
*Smith Riddle*Date *Dec 20, 1962*

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

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

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

21769

251888

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 26 DAY  
OF December A. D. 1963  
AT 9:12 O'CLOCK P. M.  
Cora L. McGuire  
COUNTY CLERK  
Esther Sheet  
DEPUTY  
PER 200

GW

Approved Stock Form—State Publishing Co., Helena, Montana—1961

File No. 31-32-24County Blaine

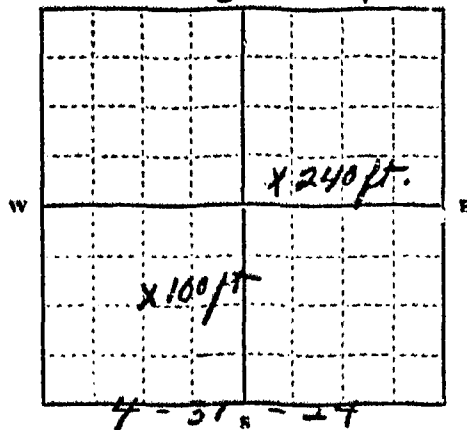
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EDWARD L. KUBITZA, of HARLEM,  
(Name of Appropriator) (Address) (Town)  
County of Blaine State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Sec 33-32-24

1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based House and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 - all year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954
8. The depth of water table 8 ft. to water or at 100 ft. dep - one at 20 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  
6 in. casing 100 ft. dep.  
5 in. casing 240 ft. dep. in sand stone
10. The estimated amount of groundwater withdrawn each year don't know approx. 100,000 gal
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 Edward L. KubitzaDate 1-1-62

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.



252056

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 30 DAY  
OF December A. D. 1963  
AT 4:25 O'CLOCK P. M.  
Carl L. Musgrave  
COUNTY CLERK

FEES 2.00 DEPUTY

File No. ....

DUPLICATE

T 32 R 29County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER FEB 10 1964

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner H. T. Klingler Address HelenaDriller Billmeyer & Sons Address Highland

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

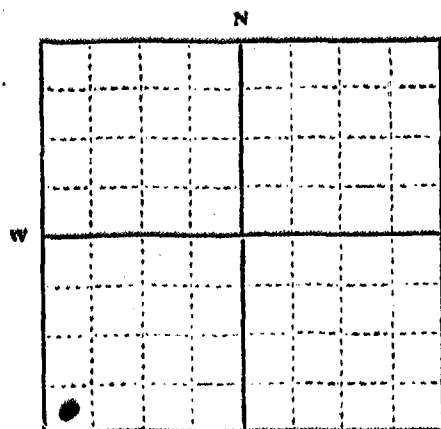
Date well started Dec 30/63 Date Completed Jan 7/64

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" x 10 19#	TOP	135	Cutting Torch	30	35



SW 1/4 Sec 36 T32 R29  
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 29 feet.

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

Pumping Water Level 80 feet at 1 gal. per minute.

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

How Tested Bailer Length of Test 2 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) .....

Bottom 2 ft filled with  
Gravel

No. 5  
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

34848

252616

STATE OF MONTANA  
County of Blaine

FILED FOR RECORD THIS 7 DAY  
OF Feb A. D. 1964  
AT 4 o'clock P. M.  
Cora R. Mangus COUNTY CLERK  
Esther Sheet DEPUTY  
FILED 7

Abolition of Women of Montana  
State Engineer