



#2104

200637

I received and filed this instrument for  
 record on the 2nd day of April 1971  
 at 4:55 o'clock P.M., pursuant to laws  
 of Missoula County, State of Montana  
 Witness my hand:  
Vernon R. Cronas, County Recorder  
 By W. J. [Signature] Deputy  
 Fee \$ 2.00 Paid Cash

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

T. 12 R. 18

DUPLICATE

STATE WATER CONSERVATION BOARD

County Missoula

JUL 24 1967

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

LOG

Billie \_\_\_\_\_  
Butzerin \_\_\_\_\_  
Coyla \_\_\_\_\_  
Darlington \_\_\_\_\_  
Dicker \_\_\_\_\_

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

	Top of Ground
	(Elev. above sea level _____)
G.L.	tan sand and silt
2'	
2'	tan clay, sand, gravel and boulders
14'	
14'	tan clay, sand and gravel
23'	
33'	water, sand, silt and gravel
41'	
41'	sand, gravel and water
43'	6"

Owner Walter Trippe Address \_\_\_\_\_

Driller KEN WILLIAMS Address Turah, Montana  
1558 So. 5th W.  
MISSOULA, MONT.

Date of Notice of appropriation of groundwater \_\_\_\_\_

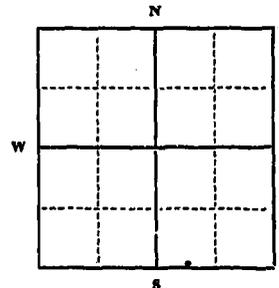
Date well started APRIL 17, 67 Date completed APRIL 20, 67

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of String	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" O.D.	ground level	43' 6"			
	17 lbs					
	4" side wall					



Static Water Level for non-flowing well \_\_\_\_\_ 21 feet.

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

Pumping Water Level \_\_\_\_\_ 40 feet  
at \_\_\_\_\_ 40 gal. per minute.

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

How Tested sub. test pump

Length of Test \_\_\_\_\_ 2 hours

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

LEGAL DESCRIPTION: SW 1/4 NE 1/4 Sec. 12, T. 12 R. 18  
Lot A of Hilmo's Turah  
Tracts, a platted subdivision  
of Missoula County, Montana  
according to the official map or plat  
thereof now on file and of record in  
the office of the County Clerk and  
Recorder of said Missoula  
County, Montana.

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.

151  
Driller's License Number

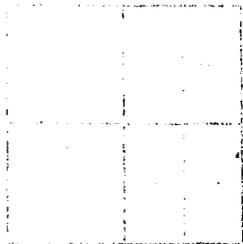
Ken Williams  
Driller's Signature.

42,167

1724

26 2476

I received and filed this instrument for  
 record on the 17 day of July, 1967,  
 at 2:30 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verangé B. Crouse, County Recorder  
 By [Signature], Deputy  
 Fee \$ 2.00 Paid



MISSOULA COUNTY RECORDS DEPARTMENT  
 MISSOULA, MONTANA

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 Roy O. and Joan M. Wilcox

Address Box 367  
Miltown, Montana

Date well started 7/24/72  
completed 7/26/72

For Administrator's Use	
File #	<u>#2374, 1320431</u>
Date	<u>August 2, 1972 4:00 pm</u>
GW 1	

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

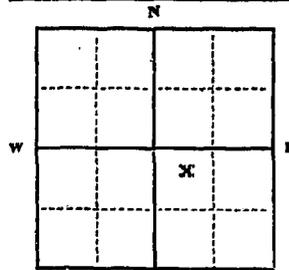
Equipment used Cable Tools  
(Cable drill, rotary or other)

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). Lot #9, Hellgate Pines Addition #1

ESTIMATED ANNUAL WITHDRAWAL 52,560,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	+2	51'6"	N	O	N E



NW 1/4 SE 1/4 Sec. 12  
T. 12 N R. 18 E

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

Driller's Signature W. J. Cabane  
Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

County Missoula 12

**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 Approx. (Elev. above sea level) 3385'

From (Feet)	To (Feet)	
0	3	Gray clay topsoil
3	22	Gravel with cobblestones and boulders mixed in
22	34	Fine sand with gravel and cobblestones mixed in
34	49	Fine sand and coarse gravel
49	51'	Clean coarse sand and gravel. Water

51'6" Show exact depth of bottom  
Water rises in the well  
21'3" from surface. 5/111

2314 320431

I received and filed this instrument for record on the 7<sup>th</sup> day of Aug. 1972 at 4:00 o'clock P.M. permanent file of Missoula County, State of Montana  
Witness my hand.  
Veranda A. Crague, County Recorder  
By *M. J. Pennington*, Deputy  
Fee \$2.00 *paid*

upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 40 to 50 percent of the tested capacity of the aquifer.

File No. STATE WATER CONSERVATION BOARD

T. 12N R. 18W 22

DUPLICATE

MAR 18 1955

County Missoula

Bill LOG \_\_\_\_\_  
 Sullivan \_\_\_\_\_  
 Morton \_\_\_\_\_  
 McDermott \_\_\_\_\_  
 McNulty \_\_\_\_\_  
 Darmon \_\_\_\_\_  
 Approx \_\_\_\_\_

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_  
 (Elev. above sea level 3200)

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

DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Formation Log:

- 0 - 1 Black dirt.
- 1 - 5 Brown clay.
- 5 - 28 Sand and gravel imbedded in tan clay.
- 28 - 37 Sand.
- 37 - 50 Sand and gravel
- 50 - 54 Fine sand mixed in small gravel
- 54 - 60 Sand and gravel
- 60 - 62 Clean coarse gravel. Water

Owner James M. and/or Rita G. Milligan Address Piltzville, Mont.

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

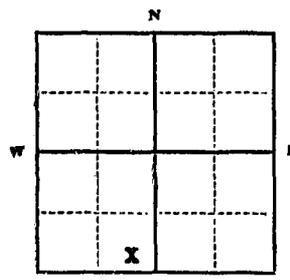
Date well started 4/26/65 Date completed 4/27/65

Type of well Drilled Equipment used Cable Tools  
 (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 OD X 1 1/2"	0'	62'	N O N E		



Static Water Level for non-flowing well \_\_\_\_\_ 31 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 451 feet at 100 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering well through open bottom of six inch casing.

SE 1/4 Sec 22 T. 12N R. 18W  
 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.

Bottom of hole 62'

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 52

Driller's Signature William F. Osborne

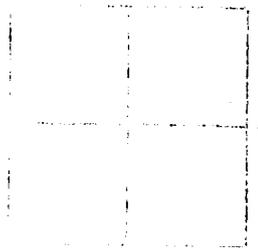
40899

1584

INDEXED  
248128

I received and filed this Instrument for  
 record on the 16 day of May, 1966,  
 at 12:40 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
Vermae B. Cobbe, County Recorder  
 By [Signature], Deputy  
 Fee \$ 2.00 Paid cash.

MADE BY [unclear]



RECORDED & INDEXED



County Missoula Twp. 12 NORTH Rge. 17 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Wood, Ralph	MW2	277404	
7	Dutton, Bernard	MW4	1206	
7	Dutton, Bernard	MW2	1202	
7	Manawski, J. R.	MW4	214410	
7	Manawski, J. R.	MW3	214412	
8	Lave, Dennis A.	MW2	329655	
8	Chamberlain, Dan	MW2	309232 and 309231	
8	Farrington Devel. Co	MW4	214452	
8	Mooden, James R.	MW2	264225	
8	Reischauer, Floyd	MW2	292229	
8	Jendelars, Gerald	MW2	302213	
16	Banks, Meale J.	MW2	292453	
16	Ford, William	MW4	215396	
16	Lillard, William	MW3	246434	
16	Romney, Palmer	MW4	214609	
17	Alperts, Thomas	MW2	325289	
17	Andrews, B.	MW2	264559	
17	Arnott, Forrest W	MW2	234600	
17	Arnott, Forrest W	MW2	272563	
17	Bowler, Lon	MW2	279298	
17	Denny, Paul	MW2	307156	
17	Fichtel, George	MW2	325899	
17	Gullick, Les	MW2	326861	
17	Hansen, Gene	MW2	334096	
17	Kemmer, Wayne	MW2	305922	
17	Newman, Robert	MW2	272531	
17	Dyberg, M. E.	MW2	265892	
17	Plaskel, John O	MW2	296391	
17	State of Montana Dept. of Highways	MW2	312430	
17	Whitman, Malcolm	MW2	314541	
18	Herbert, Mike	MW2	208394	
21	Fausseth, Donald	MW4	215418	
22	Akierbert, William	MW2	148786	
22	Morse, Dan	MW2	304166	
22	Montelius, Bob	MW3	302809	
22	Montelius, Robert	MW2	302030	
22	Mitt, John	MW2	214886	
22	Mitt, John	MW4	214885	
22	Seague, Ray	MW2	318301	
22	Seague, Ray	MW7	215203	
22	Seague, William	MW2	306936	
22	Wilcox, Orville D.	GW2	302031	
22	Zander, Clayton W.	MW2	257328	
23	Richard, <del>John</del>	MW3	324481	
23	Richard, Louis	MW4	215500	
24	Baker, James F.	MW3	303000	

County Missoula

Twp. 12 North Rge. 17 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
24	Dickinson, M. H.	MW3	253581	
24	Hunsaker, Owen	MW3	302996	
24	Hunsaker, Owen	MW3	330352	and 302953
24	Johnson, Elsie	MW3	273437	
24	Ward, Ralph S.	MW4	260250	
27	Clinton, Womans and	MW4	215509	
27	Charles Drinnille	MW2	261994	
27	Hedger, Clifford M.	MW4	252675	
27	Jerry, Kelly D.	MW4	767	
27	Trusse, Don	MW2	209296	
27	Northern Pacific	MW4	213196	
27	Norton, Orvald H.	MW4	1203	
27	Roger Leonard	MW4	215403	
27	School District 32	MW4	214881	
27	Swartz, C.	MW2	194620	
27	Ward, Ralph	MW2	260499	
27	Ward, Ralph	MW2	311329	
27	Ward, Ralph	MW2	302389	
35	Flensburg Ranch	MW4	214841	
2	Bushy, Vernon	MW2	260617	
2	George, Kert	MW2	327451	
2	Lardon, Rachel	MW4	214755	
2	Larson, Rachel	MW4	214754	
2	Winters, Russell	MW4	214753	
<del>24</del>	<del>Hunsaker, Owen</del>	<del>MW3</del>	<del>302996</del>	
24	Hunsaker, Owen		302996	
27	Henderson, Esida	MW4	215247	
?	Hinkle, J.	MW4	215420	
27	Smith, Ralph T.	4	215525	



850

277404

I received and filed this instrument for  
 record on the 23 day of Dec. 1968  
 at 2:45 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verance R. Grouse, County Recorder  
 By M. J. [Signature] Deputy  
 Fee \$2.00 Paid [Signature]


Don [Signature]  
 District [Signature]  
 [Signature]  
 [Signature]

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

T. 12<sup>N</sup> R. 17<sup>W</sup> S. 03

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

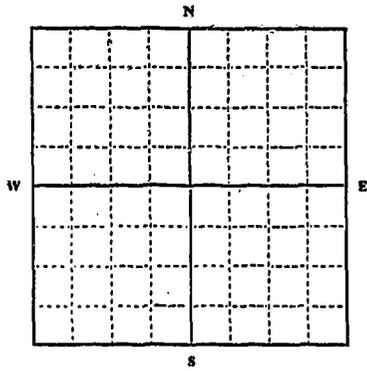
JAN 3 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Norton, of Mill town  
(Name of Appropriator) (Address) (Town)

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



Lot 4/4 Sec. 7 T12 R. 17W

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

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

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

since 1943

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 miner's inches

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

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

Pump

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

8. The depth of water table 28 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 28 feet of 4 inch casing

10. The estimated amount of groundwater withdrawn each year 15000 barrels

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

driven well

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 Bernard Norton

Date 12/31/63

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

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

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

20325

1206

Copy

I received and filed this instrument for  
record on the 31<sup>st</sup> day of Dec. 1963  
at 1206 Street, permanent files  
of Missoula County, State of Montana  
Witness my hand:  
By Martin J. Baker County Recorder  
Deputy  
Fee \$1.00 Paid

File No. ....

T. 12 N. 17 W.

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERS  
Law 3, 1964

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Bernard Norton** Address **Milltown, Montana**

Driller **Self** Address **Milltown, Montana**

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

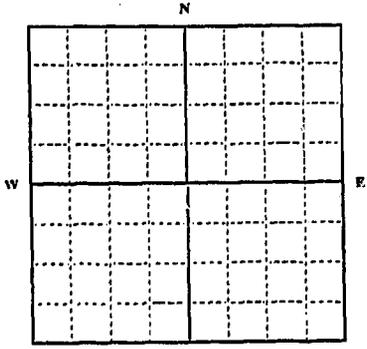
Date well started **1965** Date Completed **1965**

Type of well **Driven** Equipment Used **Hand Driven**  
(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, 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 inch						



lot 4 Sec. 7 T. 12 N. 17 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..... feet.

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

Pumping Water Level..... 18 feet at 2000 gal. per minute.

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

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)..... 2000

Driller's License Number

*Bernard Norton*  
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.

20321

1740

1740

DEPOSITED

1202

*Copy*  
 I received and filed this instrument for  
 record in the office of the Recorder of Deeds  
 at Helena, Montana, on the 19th day of Dec. 1963  
 of Mieroula C. ... permanent files  
 of the State of Montana  
 Witness my hand:  
 By *Martin J. Baker* Recorder  
 Fee \$ *2.00* Deputy

State of Montana  
 Helena, Montana  
 Dec 19 1963

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

T. 12 N R 17 W <sup>7</sup>  
County Blaine

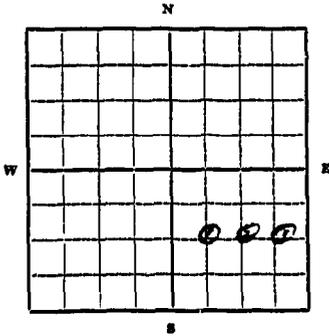
TRIPPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963  
STATE ENGINEER

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

1. S. H. and M. H. Steadman, Sr., of Blaine  
(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:



SE 1/4 Sec. 7, T. 12, R. 17  
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 land and irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962 - Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gpm
- 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 - Steadman
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By well - 3 - on land & buildings

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1962 - 1961 - 1962
- 8. The depth of water table From 3' to 6' below surface
- 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" well - 6" casing - 10 ft deep  
2" well - 6" casing - 3 ft deep
- 10. The estimated amount of groundwater withdrawn each year 50,000 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 not applicable

Signature of Owner S. H. Steadman, Sr.  
Date Dec. 19, 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.

10421

423

214410

I received and filed this instrument for  
 record on the ..... day of ..... 19.....  
 at ..... o'clock ..... M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By ..... Deputy  
 Fee \$ ..... Paid

I received and filed this instrument for  
 record on the 17 day of Dec 1902  
 at 3:02 o'clock P. M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Ethel Stone Deputy  
 Fee \$ 2.00 Paid

File No. ....

T. 12 N. R. 17 W

TRIPPLICATE

County Walt

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1968

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 1956

Owner S. L. Shaini, Jr. Address Clifton

Contractor (if any) None

Address of Contractor Not Applicable

Date Started Not Applicable Date Completed Not Applicable

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

enclosed in concrete and on  
3 spring - earth stem. 30 inches of  
head. Creek via ditch.

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 th. 1

household use. th. 2 Stock

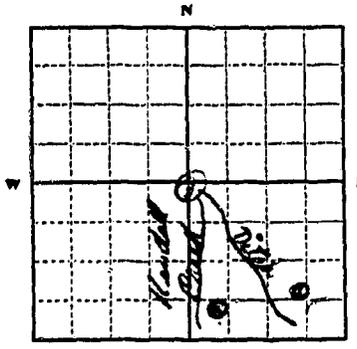
watering. th. 3 30 inches or

use in swimming pool and

irrigation.

Signature of Owner S. L. Shaini, Jr.

Date 12/16/68



SE 1/4 Sec. 7 T. 12. R. 17.

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

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.

425

214412

copy

I received and filed this instrument for record on the 17 day of Dec 1962 at 3:12 o'clock P.M., permanent files of Missoula County, State of Montana  
Witness my hand  
MARTIN S. BEHNER, County Recorder  
By Ethel Lane Deputy  
Fee \$2.00 Paid



DL 329655

I received and filed this instrument for record on the 26 day of May 1973 at 2:06 o'clock P. M., permanent files of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By Samuel D. Johnson, Deputy  
Fee \$ 0.00

MISSOULA COUNTY  
CLERK OF DISTRICT COURT  
MISSOULA, MONTANA

MISSOULA COUNTY  
CLERK OF DISTRICT COURT  
MISSOULA, MONTANA

38  
10-11

MISSOULA COUNTY  
CLERK OF DISTRICT COURT  
MISSOULA, MONTANA

00000000

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

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

T. 12N R 17W

DUPLICATE

NOV 8 1971

County Missoula

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, 1963

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

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

0-12 Clay, Gravel & Cobblestones

12-27 Clay and Gravel

27-36 1/2 Clay, Gravel  
Seep of Water

36 1/2-47 Clay, Gravel  
Water (12 GPM)

47-49 Clay, Gravel  
water (20 GPM)

49-55 Clay, Gravel  
Water (10 GPM)

55 Clay, Gravel  
Water

Owner Barbara J. Chamberlain Address Clinton, Montana  
Don Chamberlain Address 1522 S. 14th W.  
Driller Camp Well Drilling & Pump Supply Address Missoula, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started April 20, 1970 Date completed April 23, 1970

Type of well Drilled 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.

Doc. No. 309231

Filed for record  
this 4 day of Nov.  
A. D. 19 71, at P.O.  
o'clock A.M.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind (See)	From (Foot)	To (Foot)
6" I.D.	6" I.D., 17 lb per ft.	7' above O.L.	65'		None	

Static Water Level for non-flowing well \_\_\_\_\_ 38 feet.

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

Pumping Water Level \_\_\_\_\_ 39 feet

at \_\_\_\_\_ 35 gal. per minute.

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

How Tested Compressor  
Length of Test \_\_\_\_\_ 7 1/2 hrs.

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License L 7  
Driller's License Number

Don Chamberlain  
Driller's Signature  
CAMP WELL DRILLING & PUMP SUPPLY  
44338

RECORDED

#2195

309231

I received and filed this instrument for  
 record on the 4th day of Mar, 1971  
 at 8:20 o'clock A.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand.  
 Veranda R. Crouse, County Recorder  
 By Maria Russell, Deputy  
 Fee \$ 0.00 Paid


MISSOULA

MISSOULA COUNTY



#2196

309232

I received and filed this instrument for  
 record on the 4th day of Jan, 1921  
 at 8:02 o'clock A.M. permanent files  
 in Missoula County, State of Montana  
 Witness my hand  
Warren B. Cross, County Recorder  
 By Orman G. Quirk, Deputy  
 For \$ 2.00 Paid

Received by \_\_\_\_\_  
 for \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

File No. ....

T. 12 N R 17 W

TRIPPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

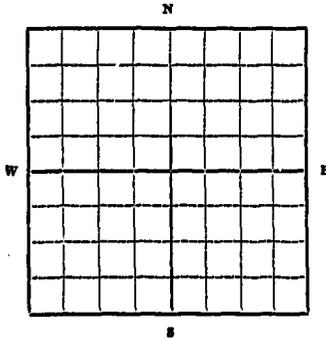
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Farvins Development Company, of 340 West Main Missoula  
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



SW 1/4 Sec. 8 T. 12 N R. 17 W  
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 Fire and irrigation water for 100 families

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10,000 gpm

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 50 Acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep wells with electric pumps

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

8. The depth of water table 60 feet to second 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 6 inch steel casing and Jacuzi deep well pump of 1 horse power

10. The estimated amount of groundwater withdrawn each year 1,825,000 gals.

11. The log of formations encountered in the drilling of each well if available This was sent to Helena by William J. Coberns of Liberty Drilling Company.

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.

Farvins Development Company  
Signature of Owner [Signature]  
Date Dec 18-63

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

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

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

10430

432

214452

*copy*

I received and filed this instrument for  
record on the 18 day of Dec 1967  
at 11:22 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Ethel Lane Deputy  
Fee \$ 2.00 Paid

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

T. 12 R. 17

DUPLICATE

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

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

(Under Chapter 237, Montana Session Laws, 1961)

James R. & Esther L. Gooden

0 - 3 top soil

Owner XXXXXXXXXX Address Donovan Creek

3 - 12 gravel & red clay

Driller Harold E. Pickens Address Missoula Montana

13 - 24 gravel sand & water

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

Date well started 4/7/67 Date completed 4/10/67

24 - 25 gravel sand clay  
some water

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

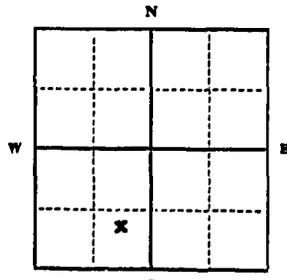
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

25 - 29 red clay

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.

29 - 47 small gravel & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	EXPLORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	8 inch 16.00	0	47	none		



Static Water Level for non-flowing well 10 ft. or less

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

Pumping Water Level 14.00 of 100 feet at 25 gal. per minute.

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

How Tested compressor

Length of Test 3 1/2 hrs

Lot 12, Block 5, Donovan Creek Acres Subdivision located in Lot 11 in SW 1/4 Sec 8 T. 12 R. 17

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

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

(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.

47 ft

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

Harold E. Pickens  
Driller's Signature.

42,329

1738

264225

I received and filed this Instrument for  
 record on the 19 day of Sept. 19 67  
 at 3:58 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Vergnae R. Cross, County Recorder  
 By Blair J. Mason, Deputy  
 Fee \$ 2.00 Paid cash

RECEIVED  
 SEP 22 1967  
 MONTANA WATER RESOURCES BOARD


RECEIVED  
 SEP 22 1967  
 MONTANA WATER RESOURCES BOARD

ADDENDUM

Form:  Declaration of Vested Groundwater Rights  
 Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of owner: Joe J. + Vivian M. Hinkle

Corrected land description: N 1/2 SE: SW:  
Sec. 8 T12N R17W

Initials: CS Gov. lot 12

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

T. 12N R. 17W S. 8

DUPLICATE

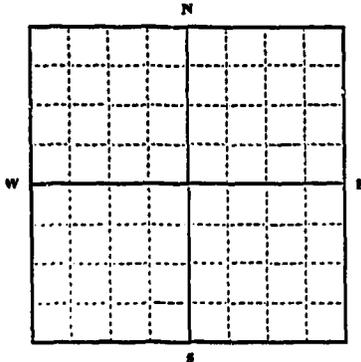
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

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

1. Joe J. Hinkle, of Dawson Creek, Clinton  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 7 T. 12N R. 17W

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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 1962 year-round
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). None  
no medic use only
- 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 irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. well Lot 2 Block 6 - Dawson Creek, Clinton  
Unfinished shallow well Lot 1 of Block 6

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. surface water temporarily beginning October 1962  
essential plans to drill permanent well in same vicinity.
- 8. The depth of water table. Unknown
- 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. at present shallow well - strictly surface water
- 10. The estimated amount of groundwater withdrawn each year. None at present
- 11. The log of formations encountered in the drilling of each well if available. not drilled at present.
- 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. Lawrence Development Co

Signature of Owner Joe J. Hinkle  
Date 31 December 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.

2007

247 215420

I received and filed this document for  
record on the 21 day of Dec 1907  
at 10:45 o'clock A.M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
MAY S. BROWN County Recorder  
By Walter E. Hall Deputy  
Fee \$ 1.00 Paid

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

T. 12 N. R. 17 W.

DUPLICATE

County Missoula

LOG

JUN 19 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level \_\_\_\_\_)

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

0-3 Cobblestones, gravel  
and clay

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

Owner Lloyd M. Leischner Address Donovan Cr. Rentals  
Clinton, Montana

3-16 Gravel and clay

Driller G.K.G. Drilling Address P.O. Box 670, Missoula

Date of Notice of appropriation of groundwater \_\_\_\_\_

16-32 Water, gravel and  
clay

Date well started July 17, 1969 Date completed July 24, 1969

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

21 Static water level

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

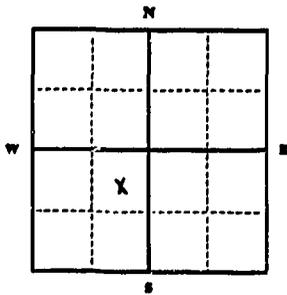
32-58 Clay and gravel

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.

58-77 Gravel, traces of  
clay and water

77 Bottom of hole

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1 up	77	---	---	---



Static Water Level for non-flowing well 21 feet.

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

Pumping Water Level 55 feet  
at 22 gal. per minute.

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

How Tested Compressor

Length of Test 6 hours

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

Doc. No. 292229

Filed for record

this 16 day of June

A. D. 19 70, at 6:00

o'clock P.M.

NE 1/4 Sec. 8 T. 12 N. R. 17 W.  
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.

185  
Driller's License Number

Charles F. Hollenhorst  
Driller's Signature.

46 585

2003

292229

I received and filed this instrument for  
record on the 16<sup>th</sup> day of June, 1972.  
at 2:30 P.M. at the County Recorder's Office  
of Minnopa County, State of Missouri  
Witness my hand.  
Vernon E. Crouse, County Recorder  
By *M. M. Conroy*, Deputy  
Fee \$2.00

Missoula Co.

Lot (15) Seischner tract

Clinton, Mt.

Attached to filed G.W.  
form if filed as the

3 wells are noted on  
page 2 of 3.

12N-17W  
SEC. 8

REC. 38 NOV 12 1924

NO. 24-B—GIVE CLERK MONEY TO PRINT INSTRUMENT WITH RIGHT OF COUNTERSIGNED

**THIS INDENTURE, Made the** 1st day of March in the year of our Lord one thousand nine hundred and twenty-four between **FERRY C. RAYBOND and Valerie C. Raybond, husband and wife,** of Clinton, Montana, part 128 of the first part and **Lloyd M. Leischner and Bertha Leischner, husband and wife,** of Clinton, Montana as joint tenants and to the survivor of said named joint tenants and not as tenants in common, the parties of the **SECOND PART.**

**WITNESSETH:** That the said parties of the **FIRST PART** for and in consideration of the sum of \_\_\_\_\_ Dollars, (\$ \_\_\_\_\_) in hand paid by the said parties of the **SECOND PART,** the receipt of which is hereby acknowledged; do hereby convey, remise, release and forever quitclaim unto the said parties of the second part as joint tenants and to the survivor of said joint tenants and not as tenants in common and to the heirs, and assigns, of such survivor the following described real estate, situated in the County of \_\_\_\_\_ and State of Montana, to wit:

\_\_\_\_\_ and State of Montana, to wit: Lot Fifteen (15) of Leischner Tract, situated in \_\_\_\_\_ Missoula County, according to the official map of that tract on file and of record in the office of the County Clerk and Recorder of Missoula County, Montana, together with a one-eighth (1/8) interest in the three (3) existing water wells and water lines located on the \_\_\_\_\_

together with all the tenements, hereditaments, and appurtenances thereto belonging, and the reversion and reversion, remainder and remainders, rents, issues and profits thereof; and also all the estate, right, title, interest, dower, right of dower, property, possession, claim and demand whatsoever as well in law as in equity, of the said part 128 of the first part, of, in or to the said premises and every part and parcel thereof.

**TO HAVE AND TO HOLD,** all and singular the said premises, with the appurtenances thereto belonging, unto the said parties of the second part as joint tenants and not as tenants in common and to the heirs and assigns of the survivor of said named joint tenants forever.

**IN WITNESS WHEREOF,** the said parties of the first part have hereunto set their hand \_\_\_\_\_ and seal \_\_\_\_\_ the day and year first above written.

Signed, Sealed and Delivered in the Presence of \_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)  
\_\_\_\_\_ (SEAL)

**STATE OF MONTANA,**  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_ nineteen hundred and \_\_\_\_\_ before me, \_\_\_\_\_ a Notary Public for the State of Montana, personally appeared \_\_\_\_\_ husband and wife, known to me \_\_\_\_\_

Approved to me on oath of \_\_\_\_\_ to be the person whose name is subscribed to the within instrument, and acknowledged to me that he, she, \_\_\_\_\_ executed the same.

**IN WITNESS WHEREOF,** I have hereunto set my hand and affixed my Official Seal the day and year in this certificate first above written.

\_\_\_\_\_ Notary Public for the State of Montana.  
Residing at \_\_\_\_\_ My Commission expires \_\_\_\_\_ 1924.

316624

RECEIVED AND FILED THIS INSTRUMENT FOR RECORD ON THE \_\_\_\_\_ DAY OF \_\_\_\_\_ 1924. \_\_\_\_\_ DEPUTY  
IN VOL. \_\_\_\_\_ OF \_\_\_\_\_ RECORDS OF THE COUNTY OF MISSOULA STATE OF MONTANA ON PAGE \_\_\_\_\_ RETURN TO \_\_\_\_\_ ADDRESS \_\_\_\_\_

**THIS INDENTURE** Made the 31st day of March in the year of our Lord one thousand nine hundred and Seventy-one between William R. Herbel and Rose M. Herbel, husband and wife, of Clinton, Montana part 188 of the first part and Lloyd M. Leischner and Bertha Leischner, husband and wife, as joint tenants and to the survivor of said named joint tenants and not as tenants in common, the parties of the **SECOND PART,** **WITNESSETH:** That the said part 188 of the **FIRST PART** for and in consideration of the sum of Ten Dollars, (\$ 10.00 ) to them in hand paid by the said parties of the **SECOND PART,** the receipt of which is hereby acknowledged; do hereby convey, remise, release and forever quitclaim unto the said parties of the second part as joint tenants and to the survivor of said joint tenants and not as tenants in common and to the heirs, and assigns, of such survivor the following described real estate, situated in the County of Missoula and State of Montana, to wit

Lot Fourteen (14) of Leischner Tracts, a platted subdivision in Missoula County, according to the official map or plat thereof on file and of record in the office of the County Clerk and Recorder of Missoula County, Montana.

Together with a one-eighteenth (1/18) interest in the three (3) existing water wells and water lines located in the Leischner Tracts.

together with all the tenements, hereditaments, and appurtenances thereto belonging, and the reversion and reversions, remainders and remainders, rents, issues and profits thereof, and also all the estate, right, title, interest, dower, right of dower, property, possession, claim and demand whatsoever as well in law as in equity, of the said parties of the first part, of, in or to the said premises and every part and parcel thereof

**TO HAVE AND TO HOLD,** all and singular the said premises, with the appurtenances thereto belonging, unto the said parties of the second part as joint tenants and not as tenants in common and to the heirs and assigns of the survivor of said named joint tenants forever

**IN WITNESS WHEREOF,** the said parties of the first part have hereunto set their hand and seal the day and year first above written

Signed, Sealed and Delivered in the Presence of William E. Herbel (SEAL)  
Rose M. Herbel (SEAL)  
 \_\_\_\_\_ (SEAL)  
 \_\_\_\_\_ (SEAL)

**STATE OF MONTANA,**

County of Missoula  
 On this 31st day of March one thousand and Seventy-one before me William E. Herbel the undersigned a Notary Public for the State of Montana, personally appeared William E. Herbel and Rose M. Herbel, husband and wife, known to me

(or proved to me on oath of \_\_\_\_\_) to be the person whose name is subscribed to the within instrument, and acknowledged to me that they executed the same.

**IN WITNESS WHEREOF,** I have hereunto set my hand and affixed my Official Seal the day and year in this certificate first above written

William E. Herbel  
 Notary Public for the State of Montana  
 My Commission expires March 17, 1974  
 Residing at Missoula, Montana

316538

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

T. 12N R. 17W ✓ 3

DUPLICATE

RECEIVED

County Missoula

LOG

MAY 7 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level \_\_\_\_\_)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-27 Gravel, boulders, clay

27-32 Sand, clay & Gravel

32-39 Gravel, boulders, some clay & water

39-48 Clay & gravel, no water

Owner: Gerald Sindelar Address: Clinton, Montana  
Dorevan Creek

Driller: Glenn Camp Address: 1522 S. 14th W. Missoula, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started Oct. 30, 1967 Date completed Nov. 4, 1967

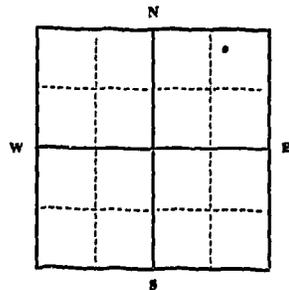
Type of well Drilled Equipment used Churn Drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Doc. No. 302213  
Filed for record this 3 day of May  
A. D. 19 71 at 3:25 o'clock P. M.

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" I.D.	6" I.D. 17 lb per ft.	2' above G.L.	41'		NONE	



Static Water Level for non-flowing well ..... 17 feet.

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

Pumping Water Level..... 20 feet  
with 30 drawdown  
at..... 30 gal. per minute.

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

How Tested..... Air Compressor

Length of Test..... 3 Hours

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

NW 1/4 NE 1/4 Sec. 8 T. 12N R. 17W  
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.

License # 7

Driller's License Number

Glenn Camp  
Driller's Signature. Glenn Camp

48436

# 2124

302213

I received and filed this instrument for  
 record on the 3 day of May, 1971,  
 at 2:25 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Thomas B. Crause, County Recorder  
 By Debra A. Crause, Deputy  
 Fee \$ 2.00 cash Paid


Montana in any part of the State and  
 of the State of Montana  
 in the County of Missoula  
 on the 3rd day of May, 1971  
 at 2:25 o'clock P.M.  
 Thomas B. Crause, County Recorder  
 Debra A. Crause, Deputy

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

T. 12<sup>N</sup> R. 17<sup>W</sup>

DUPLICATE

County Missoula

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

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

- Top of Ground  
(Elev. above sea level.....)
- 0- 1 Topsoil
- 1-13 Sand, gravel and clay
- 13-36 Boulders, sand, gravel and clay
- 35 Static water level
- 36-50 $\frac{1}{2}$  Sand, gravel and water
- 50 $\frac{1}{2}$  Exact depth of bottom

Owner Merle J. Banks Address Clinton, Mont.

Driller G.K.G. Drilling Address Box 670, Missoula

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

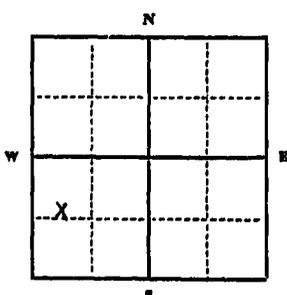
Date well started May 14, 1970 Date completed May 21, 1970

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1 up	50 $\frac{1}{2}$	----	----	----



Static Water Level for non-flowing well ..... 35 feet.

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

Pumping Water Level..... 36 feet at..... 15 gal. per minute.

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

How Tested..... test pump

Length of Test..... 2 hours

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

Doc. No. 290453  
Filed for record this 24 day of June  
A. D. 19 70, at 11:45 o'clock A. M.

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

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.

185  
Driller's License Number

Charles F. Hollenstines  
Driller's Signature.

46613

2007 292453

I received and filed this instrument for record on the 21<sup>st</sup> day of June, 1920, at 11:45 o'clock A.M. permanent files of Missoula County, State of Montana  
Witness my hand  
Veranus B. Crouse, County Recorder  
By M. J. Conroy, Deputy  
Fee \$ 2.00


Record of  
County of  
State of Montana



923

215396

Copy

I received and filed this instrument by  
record on the 31 day of Dec. 1963  
at 11:37 o'clock P. M. permanent file  
of Missoula County, State of Montana  
Witness my hand  
WARTIN J. ... ER. County Recorder  
E. J. ... Depu  
Fee \$ 2.00 ... Paid

File No. FEB 2 1966

16  
S 1/2 of lot 12 section 16  
T. 12 North R. 17 West

DUPLICATE to \_\_\_\_\_  
Butcher \_\_\_\_\_  
Coyne \_\_\_\_\_  
Durlinton \_\_\_\_\_  
Dickert \_\_\_\_\_

County Missoula Montana

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

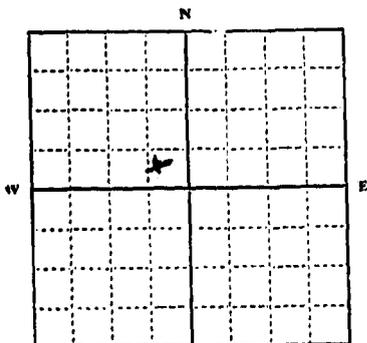
Date of Appropriation of Groundwater \_\_\_\_\_

Owner William T. Gilliard and Sheila K. Gilliard Address Clinton 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.

Natural flow, about 2 feet to water

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 \_\_\_\_\_

S 1/2 of lot 12  
1/4 Sec. 16 T. 12 N. R. 17 W.  
Indicate point of appropriation and place of use, if possible.

about 1500 gals per day for 2 houses and irrigation for 4 acres year around

Signature of Owner William T. Gilliard and Sheila K. Gilliard

Date Jan 29, 1966

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.

40794

246434

I received and filed this instrument for  
record on the 31 day of Jan, 1966,  
at 10:15 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand  
Vermae G. Curtis, County Recorder  
By J. D. Bellinger, Deputy  
Fee \$ 2.00

File No. ....

T. 12 N R. 17 W

DUPLICATE

County MISS-

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

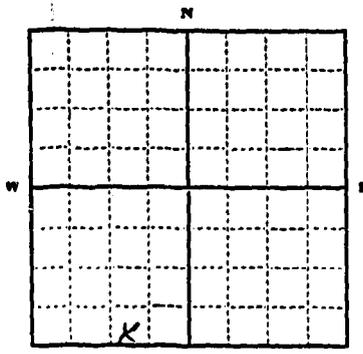
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Palmer O Romnes of Box 12 Clinton  
(Name of Appropriator) (Address) (Town)

County of Missoula 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. 16 T. 12 R. 17

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Not known

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. Doesn't apply

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. Not known

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. 4 in. steel rod iron casing 60 ft deep

10. The estimated amount of groundwater withdrawn each year. Not known

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 Palmer O. Romnes  
Date Dec. 20, 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. 11631

119

214609

I received and filed this instrument for  
 record on the 21st day of Dec 1962  
 at 2:35 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEYNER, County Recorder  
 By Martin S. Beyner Deputy  
 Fee \$ 2.00 Fuld

This document is a true and correct copy of the original as filed in the office of the County Recorder of Missoula County, Montana, on the 21st day of December, 1962, at 2:35 o'clock P.M. The original is on file in the permanent files of Missoula County, State of Montana.





GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—423

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

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 12 N. R. 17 W

17

DUPLICATE

OCT 5 1967

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_  
(Elev. above sea level \_\_\_\_\_)

Clay Gravel & Boulders

16' -----  
Sand & Gravel

18' -----  
Clay & Gravel

31' -----  
Tan Clay

34' -----  
Clay & Gravel

39' -----  
Silty gravel & water

51' -----  
Gravel & water

62' -----  
Bottom

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner B. Andrews Address Clinton, Montana

Driller Beabe Drilling Address Polson Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

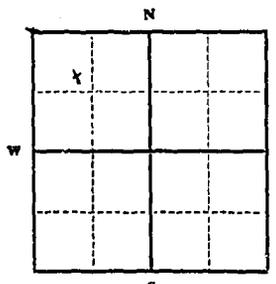
Date well started April 20, 67 Date completed April 23, 67

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17.87#	+2 to	62'	None		



Static Water Level for non-flowing well \_\_\_\_\_ 51 feet.

Shut-in Pressure for Flowing Well E/A

Pumping Water Level \_\_\_\_\_ 51 feet at \_\_\_\_\_ 10 gal. per minute.

Discharge in gal. per min. of flowing well \_\_\_\_\_ N/A

How Tested \_\_\_\_\_ Failer

Length of Test \_\_\_\_\_ One hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_ None

LOT 1 B1K. 2 E 4 N 17 W Sec. 17 T. 12 N. R. 17 W

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

DONOVAN CREEK 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).

Household only

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.

Montana 163  
Driller's License Number  
[Signature]  
Driller's Signature

42, 364

# 1746

264539

I received and filed this Instrument for record on the 3 day of Oct, 1967, at 10:00 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:  
 Vermae R. Crouse, County Recorder  
 By June Beckwith, Deputy  
 Fee \$ 2.00 C.P. Paid

MISSOULA COUNTY RECORDS

RECORDS SECTION

INDEXED

FILED

DATE

TIME

BY

REMARKS

1967

10

3

10:00

A.M.

Vermae R. Crouse

June Beckwith

2.00

C.P. Paid

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

**R** **RECEIVED** **D**  
JUL 29 1965

T. 12N R. 17W

DUPLICATE

County Missoula

LOG REFERRED TO \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Forrest W. Arnott Address Rt. 1, Clinton, Mont

Driller Ray C. McQuinn Address Rt. 4, Clinton, Mont

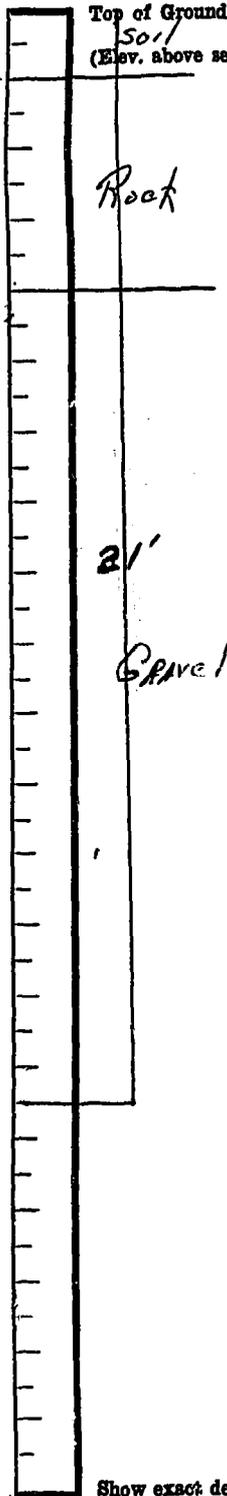
Date of Notice of appropriation of groundwater March

Date well started March 15, 62 Date completed April 1, 1962

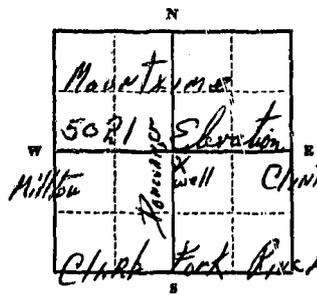
Type of well Driven Equipment used 1 1/2" sledge hammer  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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)
1 1/4" Galvanized Pipe	No Casing	Ground Level	21'	Well pack 36" inches 80 p.p.c.		



Static Water Level for non-flowing well \_\_\_\_\_ feet.  
Shut-in Pressure for Flowing Well \_\_\_\_\_  
Pumping Water Level 21 feet  
at 1660 gal. per minute  
Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested \_\_\_\_\_  
Length of Test \_\_\_\_\_  
Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packing

\_\_\_\_\_ Sec. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_  
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).

For sale for three families  
Lot 2 Block 1 Monrovia Sub

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 \_\_\_\_\_

Ray C. McQuinn  
Driller's Signature

39344

1522  
239600

I received and filed this instrument for  
record on the 27<sup>th</sup> day of July, 1961.  
at 11 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Verance R. Crouse County Recorder  
By [Signature]  
Fee \$ 2.00 Paid

RECEIVED  
MAY 15 1961  
STATE OF MONTANA  
MISSOULA COUNTY

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

T. 12 R. 17W. 17

DUPLICATE

County Miss.

LOG CONTAINED IN \_\_\_\_\_ BOARD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level \_\_\_\_\_)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

\_\_\_\_\_

Rt. I Clinton

Owner Forest W. Arnett Address \_\_\_\_\_

Topsoil \_\_\_\_\_

Driller Beebe Drilling Address East Shore, Polson

8' to 11' 8"  
Clay & Gravel

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started June 25, 68 Date completed June 26, 68

11' to 19'  
Clay, Gravel & Water

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

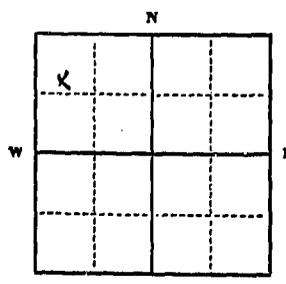
19' to 34'  
Clay & Gravel

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.

34' to 41'  
Red Sandy clay, Gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17lb. 250 wall 6"					

41' to 51'  
Red Sandy Clay & Gravel (Water)



Static Water Level for non-flowing well 26 feet.

51' to 59'  
Red Shale & Water  
Bottom 59'

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 34 feet at 15 gal. per minute.

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

How Tested Pump

Length of Test 4 Hrs

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

*E. J. N. W. Sec. 17 T. 12 R. 17W*

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.

# 163  
Driller's License Number  
[Signature]  
Driller's Signature

44,289

11  
105

272563

I received and filed this instrument for record on the \_\_\_\_\_ day of July 1968 at 9:30 o'clock A.M. permanent files of Missoula County, State of Montana.

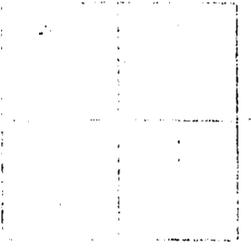
Witness my hand:  
Virginia E. Cross County Recorder  
 By Dezette L. Krumm Deputy  
 Fee \$ 2.00 paid

MISSOULA COUNTY  
 CLERK

MISSOULA COUNTY  
 CLERK

MISSOULA COUNTY  
 CLERK

MISSOULA COUNTY  
 CLERK



MISSOULA COUNTY  
 CLERK

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

T. 12N R. R. 17W

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Missoula

LOG RECEIVED

MAR 10 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

(Elev. above sea level) \_\_\_\_\_

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

4'-17'  
Boulders & Gravel

Owner Ben Bowler Address Deweyan Creek Acres  
Clinton, Mont.

17'-29'  
Clay & Gravel

Driller Beabe Well Drilling Address Arlee, Montana

29'-31'  
Sand & Gravel

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started March 15 Date completed March 22, 1967

31'-36'  
Clay & Gravel

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

36'-58'  
Dry Sand & Gravel

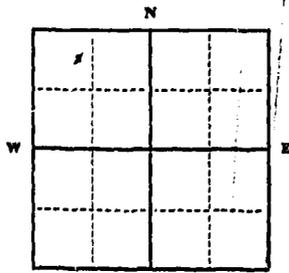
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

58'-64'  
Clay

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.

64'-71'  
Gravel & Water  
Bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17lb.	4'	71'	none	none	none



Static Water Level for non-flowing well 57' feet.

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

Pumping Water Level 59' feet  
at 12 gal. per minute.

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

How Tested Failed

Length of Test One hour

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

Lot 1  
E. 1/4 Sec 17 T. 12N. R. 17W  
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.

163

Driller's License Number

Donald K. Beabe  
Driller's Signature.

45,048 ~~78~~

1860

279298

I received and filed this instrument for  
 record on the 5<sup>th</sup> day of March, 1967,  
 at 1:45 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand.  
 Verance R. Couse, County Recorder  
 By [Signature] Deputy  
 For 1.20 Paid [Signature]

MISSOULA COUNTY, MONTANA  
 RECORDS DEPARTMENT  
 FILED  
 1967  
 MAR 5  
 1:45 P.M.



MISSOULA COUNTY, MONTANA  
 RECORDS DEPARTMENT  
 FILED  
 1967  
 MAR 5  
 1:45 P.M.

