

INDEXED 3739

FILED FOR RECORD

July 12 1964
at 12 minutes past 1:00 o'clock

P.M.

Alger M. McDonald
County Recorder

By C. L. D. Duff
Deputy

File No.....

T. 111 R. 111

DUPLICATE

County Grant

MONTANA WATER RESOURCES BOARD
RECEIVED
 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0-1 ~~Topsoil~~

1-29 ~~Brown Clay and Gravel~~

29-32 ~~Boulders & Brown Clay~~

32-55 ~~Brown Clay~~

55-65 ~~Red Clay~~

65-70 ~~Gray Clay and Gravel~~

70-98 ~~Broken Rock~~

98-100 ~~Broken Rock & Water (2 GPM)~~

100-134 ~~Broken Rock~~

134-136 ~~Broken Rock & Water (7 GPM)~~

136-190 ~~Rock~~

Dr. Fred L. Metcalf & Co. Drummond, Montana

Kennedy & M. Metzger 1522 S. 14th W. Missoula, Montana

Driller: Glenn Camp Address: Missoula, Montana

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

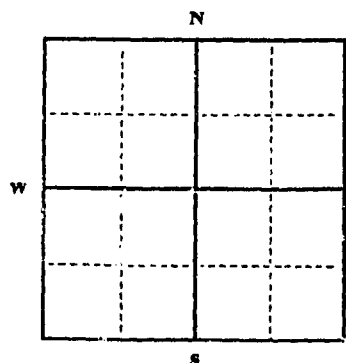
Date well started May 15, 1968 Date completed May 26, 1968

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" I.D.	5" I.D. 17 lb per ft.	6" above G.L.	74' 8"			NONE



Static Water Level for non-flowing well 15 feet.

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

165' Drawdown Pumping Water Level..... 160 feet

at 9 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).....

.....1/4.....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).

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

44-320

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 Frank Reube
 Address Box 153
Drummond, Montana
 Date well started 9/14/71
 completed 9/15/71

For Administrator's Use		
File	<u>87879</u>	
	<u>October 14 1971</u>	
	<u>10:06 AM</u>	
GW 1		

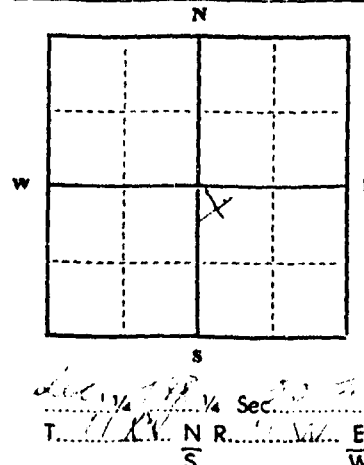
Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Churn Drill
(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). _____

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 .250	1' bgl	73'	cutting torch	65'	70'



Static water level 48'.....ft.*
 Pumping water level 65'.....ft.*
 at 15.....gallons per minute,
 measured.....minutes after pumping
 began.
 *Measured from ground level.
 Well developed by bailing
 for 1.....hours.
 Power..... Pump..... 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 P. Reefe Contracting Company
 Driller's Address 2808 Harvard Ave.
Butte, Montana 59701 LICENSE NO. 3

RECEIVED
 OCT 15 1971

County Butte
DRILLER'S LOG 30

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'	Well Pit
4'	45'	Clay
45'	60'	Shale
60'	68'	Clay
68'	74'	Rock Water

74' Show exact depth of bottom
 11227

9

ED FOR RECORD

st. 14, 1971

at 06 minutes past 10:00 o'clock

A. M.

Marie Morrison
County Recorder

By W. W. ...
Deputy

Fee \$2.00

File No. _____

T10N R 26 E 17W

DUPLICATE

County Granite

25

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) Approx. 3,960 ft.

Formations Log:

- 0 - 1 Topsoil.
- 1 - 20 Boulders and gravel mixed in gray silt.
- 20 - 24 Boulder.
- 24 - 34 Silty sand and gravel. Seeps of silty water.
- 34 - 45 Gravel and cobblestones imbedded in brown clay.
- 45 - 56 Fine sand and gravel.
- 56 - 63 Fine brown silty sand and gravel.
- 63 - 65 Coarse sand and gravel. Water.

Owner Leland R. Benton Address Helena, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 8/18/70 Date completed 8/23/70

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

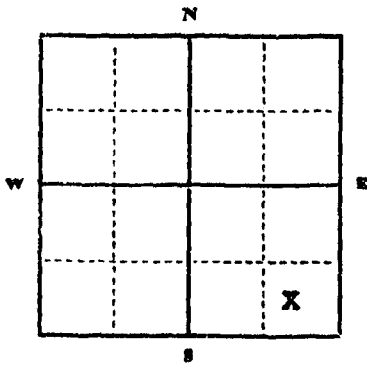
Water use. Domestic Municipal Stock Irrigation
Industrial Drainage Other

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 1/4"	+1	65	N	O	N	E

Doc. No. 87079
Filed for record this 31st day of March
A. D. 19 71, at 1:06
o'clock P. M.

Water rises in well 30 feet to surface.



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well ~~None~~
Pumping Water Level 45 feet

at 60 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from open bottom of

six inch casing. Wells in this area can be depended

upon to produce clear sand free water year after

(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).

Lot 2, Ranch Creek Meadows, Rock Creek

Show exact depth of bottom.
Bottom of well 65 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.

52
Driller's License Number

W. John F. Adams
Driller's Signature.

48285
117-20

File No. _____

T10N R 17W

DUPLICATE

County Granite

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 Approx. 3,960 ft.)

Formations Log:

- 0 - 1 Topsoil.
- 1 - 20 Boulders and gravel mixed in gray silt.
- 20 - 24 Boulder.
- 24 - 34 Silty sand and gravel. Seeps of silty water.
- 34 - 45 Gravel and cobblestones imbedded in brown clay.
- 45 - 56 Fine sand and gravel.
- 56 - 63 Fine brown silty sand and gravel.
- 63 - 65 Coarse sand and gravel. Water.

Owner Leland R. Benton Address Helena, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 8/18/70 Date completed 8/23/70

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

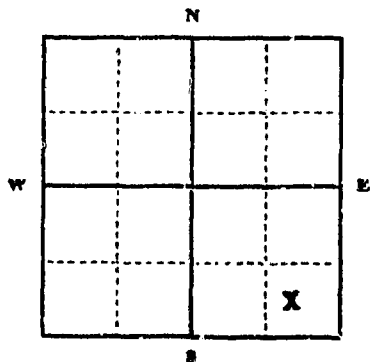
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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 3/4"	+1	65	N	O	N

Doc. No. 87079
Filed for record
this 31st day of March
A. D. 19 71 at 1:06
clock P M.

Water rises in well
30 feet to surface.



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

Shut-in Pressure for Flowing Well None
Pumping Water Level.....45.....feet
at.....60.....gal. per minute.

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

How Tested Air Lift Pump
Length of Test.....5.....hours

Remarks: (Gravel packing, cementing, packers, type of shutoff).....All water entering well from open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year.

H.E.S. No. 52
SE 1/4 Sec. 25 T.10N 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).

Lot 2, Ranch Creek Meadow, Rock Creek

Show exact depth of bottom.
Bottom of well 65 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.

52
Driller's License Number

William F. Adams
Driller's Signature.

48285

year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

87079

FILED FOR RECORD

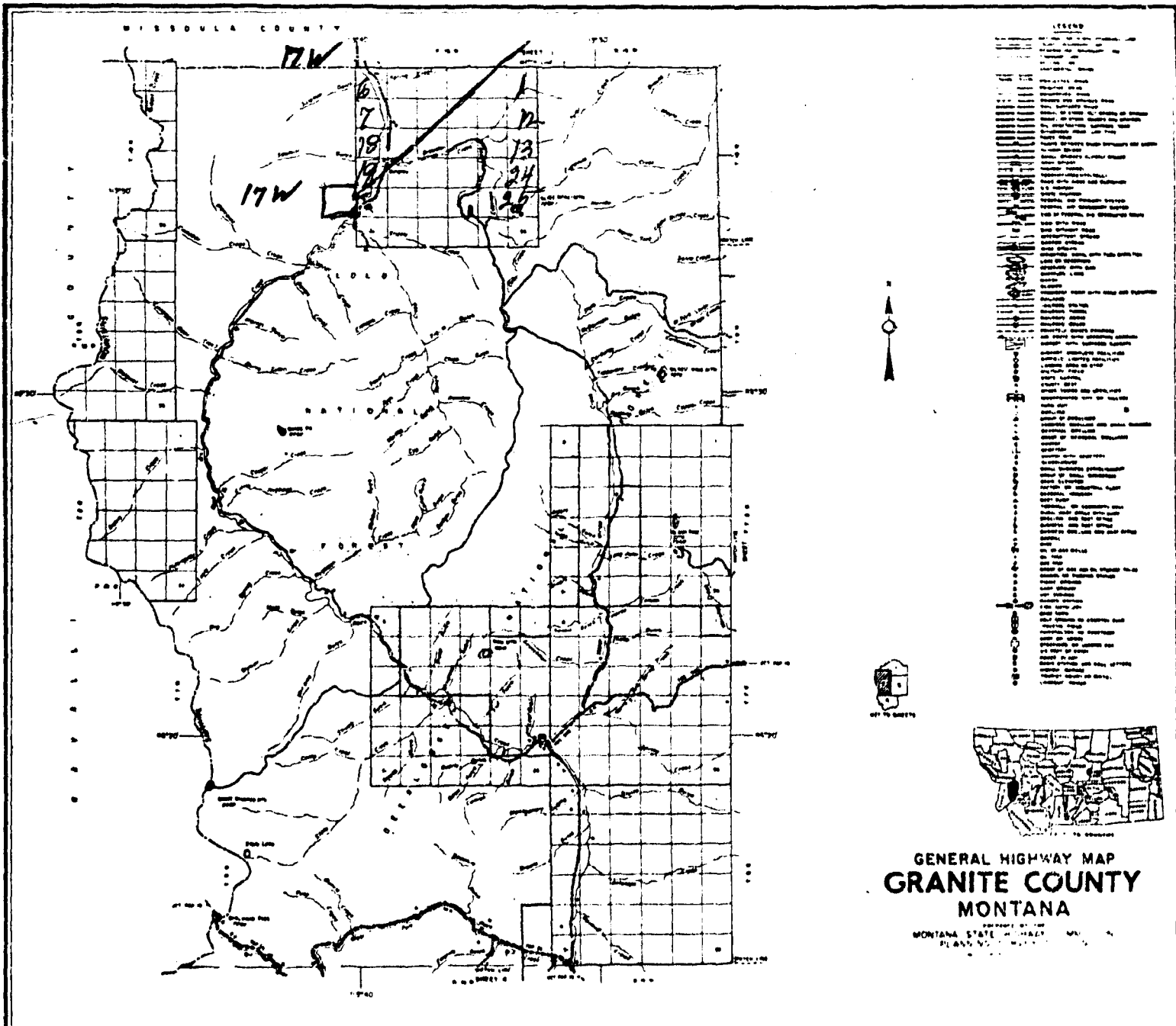
Mar. 31, 1971

at 06 minutes past 1:00 o'clock

P. M.

Marie Morrison
County Recorder

By Maude I. Echols Deputy



LEGEND

[Symbol]	Interstate Highway
[Symbol]	U.S. Highway
[Symbol]	State Highway
[Symbol]	County Road
[Symbol]	Local Road
[Symbol]	Unimproved Road
[Symbol]	Water
[Symbol]	Settlement
[Symbol]	Public Building
[Symbol]	Religious Building
[Symbol]	Government Building
[Symbol]	Commercial Building
[Symbol]	Industrial Building
[Symbol]	Public Utility
[Symbol]	Telephone
[Symbol]	Electric
[Symbol]	Gas
[Symbol]	Water
[Symbol]	Oil
[Symbol]	Coal
[Symbol]	Iron
[Symbol]	Copper
[Symbol]	Lead
[Symbol]	Zinc
[Symbol]	Gold
[Symbol]	Silver
[Symbol]	Platinum
[Symbol]	Palladium
[Symbol]	Rhodium
[Symbol]	Ruthenium
[Symbol]	Rosetta
[Symbol]	Other



**GENERAL HIGHWAY MAP
GRANITE COUNTY
MONTANA**

MONTANA STATE HIGHWAY
PLANS

File No.

T10N R. 16 & 17W

DUPLICATE

County Granite 25

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)

Owner Leland R. Benton Address Helena, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 8/18/70 Date completed 8/23/70

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.

Top of Ground Approx.
(Elev. above sea level 3,960 ft)

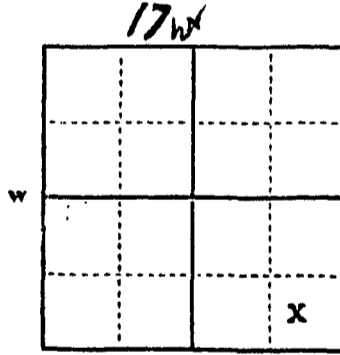
Formations Log:

- 0 - 1 Topsoil.
- 1 - 20 Boulders and gravel mixed in gray silt.
- 20 - 24 Boulder.
- 24 - 34 Silty sand and gravel. Seeps of silty water.
- 34 - 45 Gravel and cobblestones imbedded in brown clay.
- 45 - 56 Fine sand and gravel.
- 56 - 63 Fine brown silty sand and gravel.
- 63 - 65 Coarse sand and gravel. Water.

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 3/4"	+1	65	N	O	N E

No. 27079
for record
21st day of March
D. 1970 at 1:06
P.M.

Water rises in well 30 feet to surface.



Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well Non-Flowing Pumping Water Level 45 feet at 60 gal. per minute.

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

How Tested Air Lift Pump Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year.

H.E.S. No. 52
SE 1/4 Sec. 25 T. 10N R. 17W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

upon to produce clear sand free water year after year. (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).

Lot 2, Ranch Creek Meadows, Rock Creek

Show exact depth of bottom.
Bottom of well 65 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.

52
Driller's License Number

William P. Cabane
Driller's Signature.

119285

File No.

T. 10N R. 17W

DUPLICATE

County Granit

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

~~Indusky Camp Ground~~

Rock Creek

0 to 34' Clay & Gravel

34' to 39' Sand, gravel

Clay & water.

Owner: U.S. Forest Service Address: Federal Bldg.

Driller: Glenn Camp 70 S Alder Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: 6/24/62

Date well started: 6/22/62 Date Completed: 6/26/62

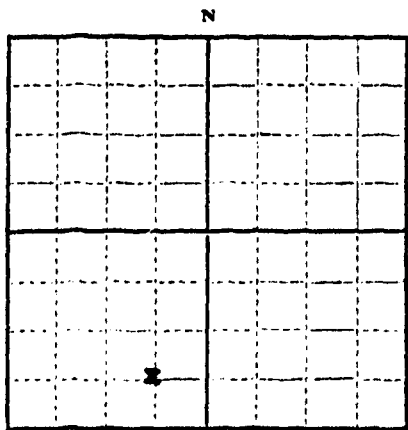
Type of well: Drilled Equipment Used: Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

For Camp Grounds

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 Str	From (Feet)	To (Feet)
6"	6" I.D. seamless 19 lbs to foot	1'-6" above G.L. to 39'		none		



SE 1/4 SW Sec 31 T 10N R 16W
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: 28' from G.L. feet.

Shut-in Pressure for Flowing Well: Not Flowing

Pumping Water Level: 28 feet at 20 gal. per minute.

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

How Tested: Bailor Length of Test: 2 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)

None

License # 7

Driller's License Number

Glenn Camp
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.

FILED FOR RECORD

Oct 17 1962
at 39 minutes past 13 o'clock

7 M

Agnes M. McNeill
County Recorder

By Arnell New
Deputy

County Grant Twp. 10 N Rge. 16 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Ackerlund, Ken F	2 N 2	81451	
6	Handley, Ray & Freida	2 N 4		
8	Mr. [unclear]	Water [unclear]		8 N-13 W
18	Mae P. Brown, Helen Kay	2 N 2	85573	
8	Peterson, Robert Mary D	2 N 2	89420	
6	Handley, M. Ray & Freida K	2 N 2	86822	
7	Araya, Joseph M.	2 N 2	88365	
7	Larson, Norman E.	2 N 2	87775	
7	Lesesque, Ivan E.	2 N 2	85315	
7	Morris, David H.	2 N 2	87309	
7	West, Richard F. Amanda	2 N 3	81159	
8	Fried, Herbert W. Marie E.	2 N 2	87586	
8	Larson, Norman E.	2 N 2	87775	See Section 7
16	Ridgway, Virgil A. & Edna D.	2 N 2	88694	
16	Ridgway, Edna D.			
16	Jussell, Gary	2 N 2	89289	
17	Hann, Clarence H. Jr & Ida D.	2 N 4		
17	Missula Management	2 N 2	89118	
18	Ridgway, Virgil A. & Edna D.	2 N 2	88694	See Section 16
19	Hann, Ida D. & Clarence H.	2 N 4		
19	Michenerick, Adam	2 N 2	88657	
20	Ford, James A.	2 N 4	77598	
20	Ford, James A.	2 N 3	77597	
★ 20	Jussell, Gary	2 N 2	89289	See Section 16
30	Hippen, Robert D.	2 N 3	88488	
30	Holtz, Frank	2 N 2	86621	
30	U.S.D. A. Forest Service	2 N 2	78652	

MONTANA WATER RESOURCES BOARD

File No.

RECEIVED

T. 10 N. R. 16 W.

DUPLICATE

AUG 30 1967

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

7/8

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 - 5 top soil & cobble stone

Owner Ken F. Akerlund Address Back creek

5 - 6 gravel

Driller Harold K. Pickens Address Missoula, Montana

6 - 28 gravel sand & water

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

28 - 37 sand & water

Date well started June 24 / 67 Date completed June 28 / 67

37 - 47 red clay

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

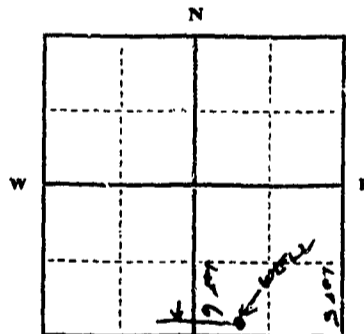
47 - 54 red clay & sand water

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.

54 - 59 gravel & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 inch	0	59	ROUND		
	16.50					



Static Water Level for non-flowing well 7 ft. of top feet.

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

Pumping Water Level 10 ft. of top feet at 40 gal. per minute.

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

How Tested COMPRESSOR

Length of Test 3 hrs

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

LOCATED IN LOT 10 OF
ROCK CREEK ACRES - LOCATED IN
N.E.S. 174 SEC 7+8, T10N,
R16W, P.M. COUNTY OF
MISSOULA, MONTANA
WELL LOCATED 100' WEST
ON LOT LINE BETWEEN LOT 546
AND 18'7" NORTH OF SOUTH
LOT LINE OF LOT 6.

1/4 Sec 8, T. 10 N. R. 16 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).

IRRIGATION + HOME USE FOR LOT 546 OF LOT 10 OF
ROCK CREEK ACRES - PLUS ADDITIONAL LAND UNDER
NEGOTIATIONS FOR PURCHASE

Show exact depth of bottom.
59 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 72

Harold K. Pickens
Driller's Signature.

42,246

81451

FILED FOR RECORD

August 28, 1967

at 41 minutes past 4:00 o'clock

P.M.

Agnes M. McDonald
County Recorder

By Maude Echols Deputy

W.L. 824 P.M.

File No.

T. T10N R16W

DUPLICATE

County Granite

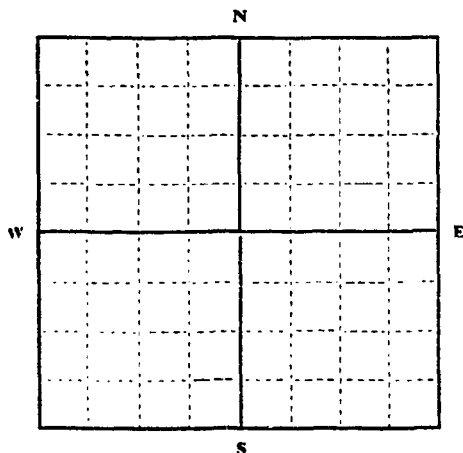
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 3 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy & Freida Handley, of Clinton
(Name of Appropriator) (Address) (Town)
County of Granite State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 6 T10N R16W

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 & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 - continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater It was dug when we got the ranch

8. The depth of water table 14 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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available mostly rock and sand

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

Signature of Owner Roy & Freida Handley
Date Jan-24-1964

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.

FILED FOR RECORD

Jan 31 1964

P.M.

Agnes M. Howard
Clerk

By Armed Paul
1964

File No. _____

T10N R16W 18

DUPLICATE

County Granite

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) Approx. 5645 ft.

Formations Log:
0 - 24 Clay bound gravel.
24 - 29 Sandy tan clay.
29 - 41 Sand & gravel.
41 - 51 Sandy brown clay & gravel.
51 - 58 Fine sand and gravel. Water.
58 - 62 Clean coarse sand and gravel. Water.

Owner Helen Knox MacInerose Address Helena, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 7/24/67 Date completed 7/27/67

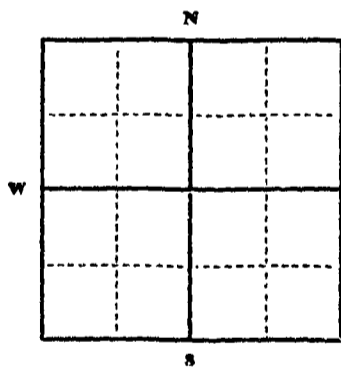
Type of well Drilled Equipment used Cable tools
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Water rises in well
31 feet from surface

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 3/4"	+2'2"	62'	N	O N E	



Static Water Level for non-flowing well 31 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 31 feet at 60 gal. per minute.

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

How Tested 1/2 lift pump

Length of Test 3 1/2 hours

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

1/4 Sec 18 T10N R16W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

bottom completions in this area can be depended upon to produce clear sand free water (Continue on reverse side)

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

Approximately 7 acres

Show exact depth of bottom.
Bottom of well 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. Issue copy to be retained by driller.

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

52
Driller's License Number
William D. Osborne
Driller's Signature

80073

FILED FOR RECORD

October 9 1967

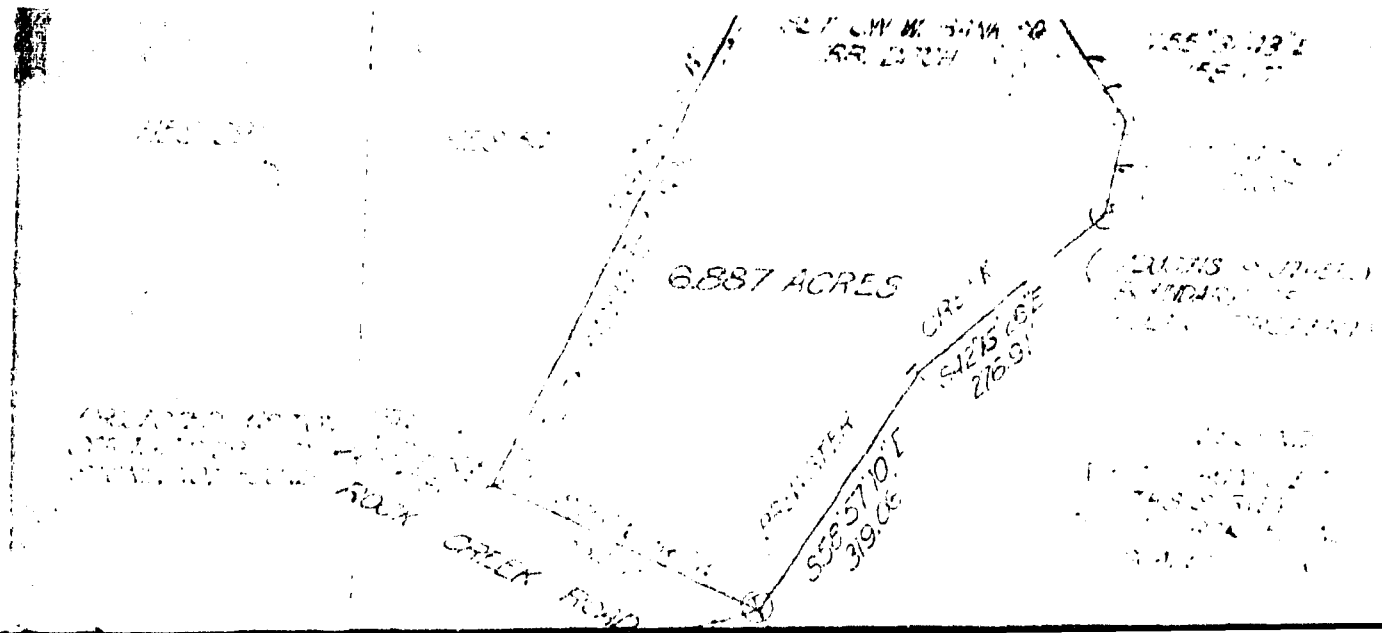
at 2:00 minutes past 2 o'clock

AM

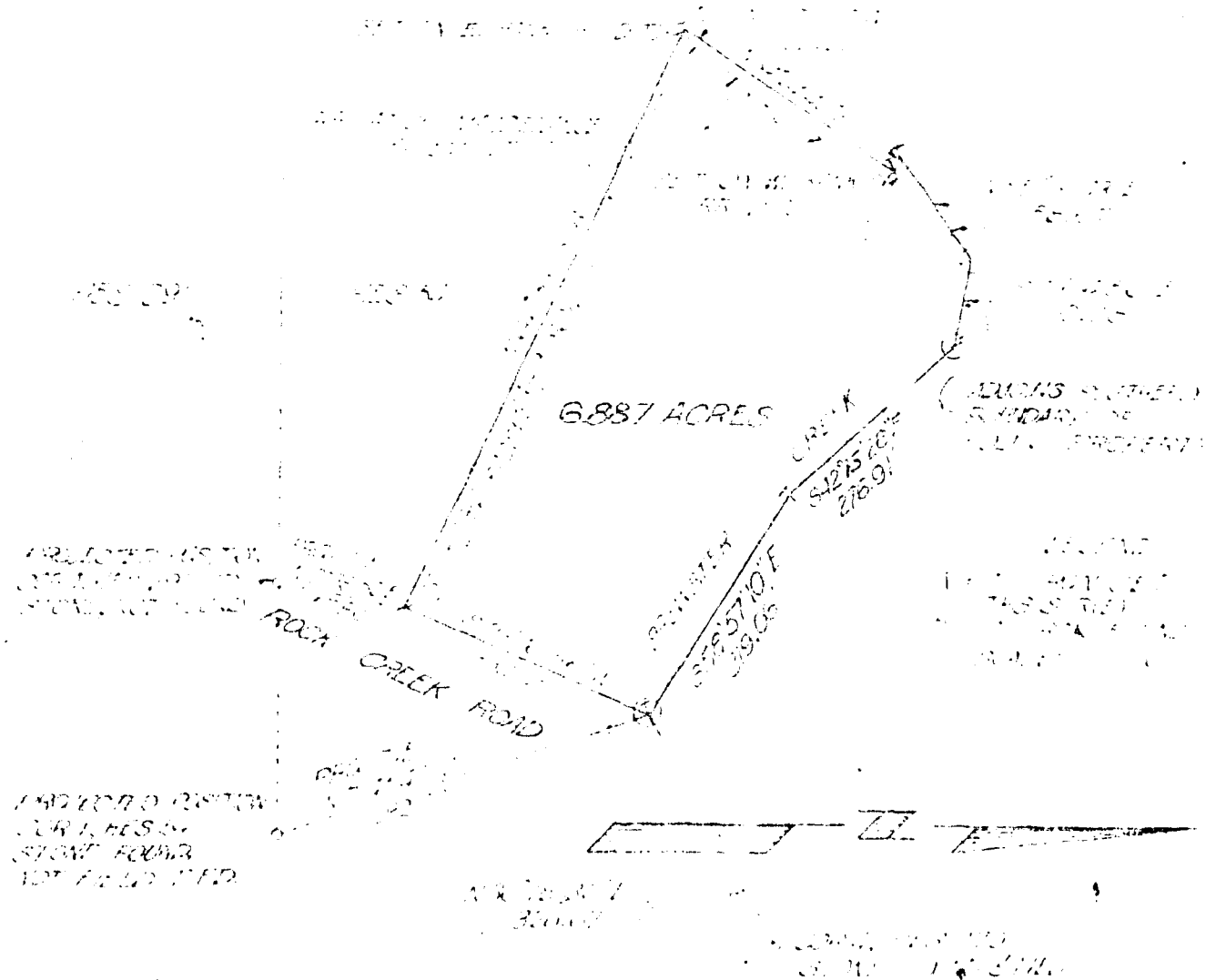
By *[Signature]*
County Recorder

By *[Signature]*
Deputy

year after year as long as they are not overpumped, i.e., they should be pumped at rates less than 25 to 50 percent of the tested capacity of the aquifer.



PLAN FOR FIELD MONUMENT AND LEGAL DESCRIPTION OF A TRACT OF A PART OF
 GROUND WITHIN HES NO. 54, T. 10N., R. 16W., P.M. MONTANA, REFERRED FOR
 MISSOULA MANAGEMENT TRACT IN AUGUST 1969.



LEGAL DESCRIPTION:

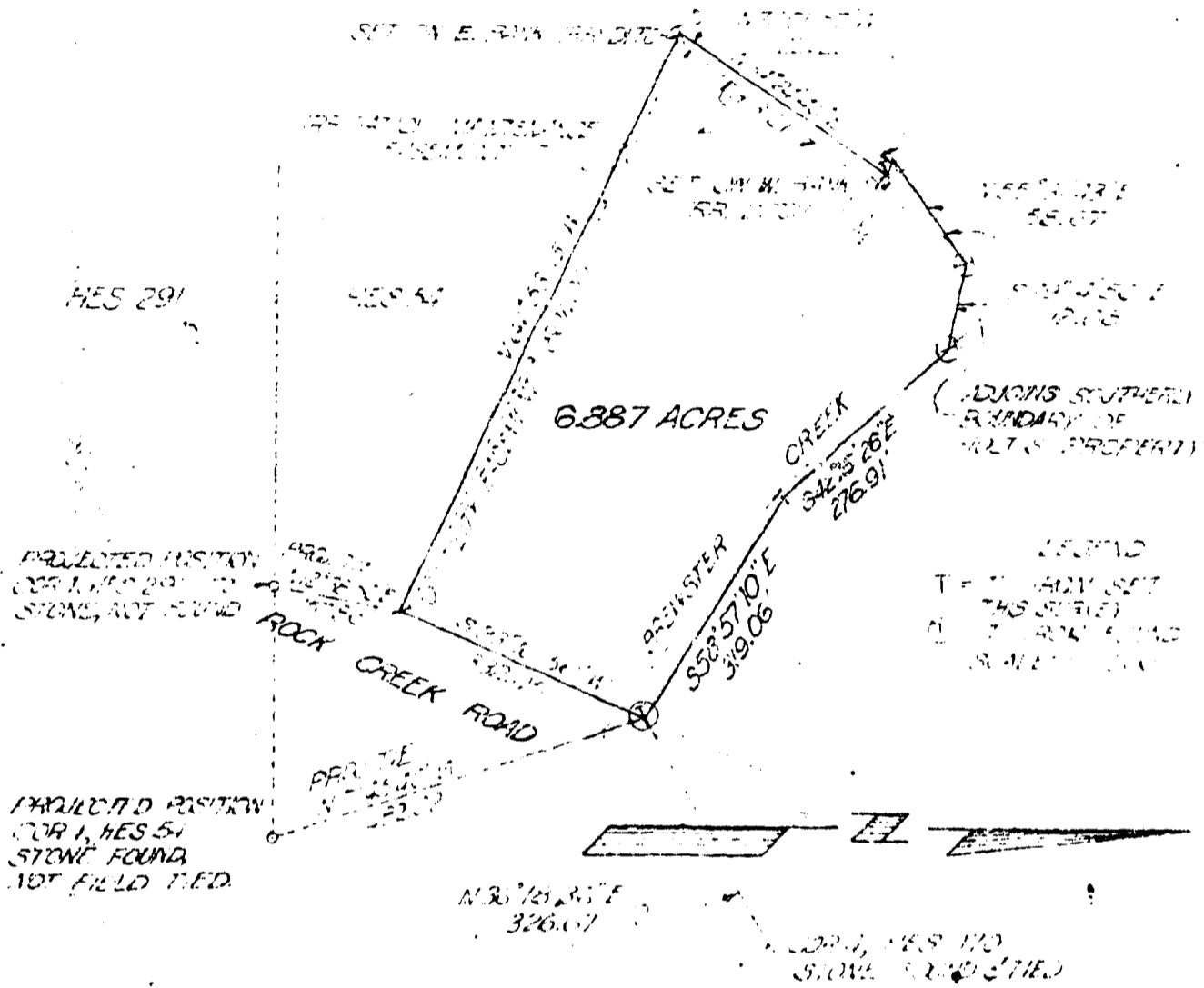
A TRACT OF GROUND WITHIN HES NO. 54, T. 10N., R. 16W., PRINCIPAL MERIDIAN MONTANA,
 MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE APPARENT WESTERLY LIMIT OF A LOGICAL RIGHT OF WAY FOR
 ROCK CREEK ROAD, SAID POINT BEING $S30^{\circ}16'56''W$, 326.67 FEET FROM THE STONE MONUMENT
 OF CORNER NO. 4, HES 170, SAID POINT BEING THE SOUTHEASTERLY CORNER OF A 20 ACRE
 TRACT SOLD TO HOLT IN MARCH 1969; THENCE $S25^{\circ}16'56''W$, 332.05 FEET ALONG A WESTERLY
 LIMIT OF ROCK CREEK ROAD; THENCE $N64^{\circ}53'15''W$, 801.00 FEET TO THE EASTERLY BANK OF
 AN IRRIGATION DITCH; THENCE $N54^{\circ}24'40''E$, 313.21 FEET TO THE WESTERLY BANK OF SAID
 IRRIGATION DITCH; THENCE $N71^{\circ}01'57''W$, 22.22 FEET TO A CORNER OF HOLT'S TRACT;
 THENCE $N55^{\circ}51'43''E$, 158.67 FEET ALONG HOLT'S SOUTHERLY BOUNDARY; THENCE $S79^{\circ}14'56''E$,
 112.09 FEET ALONG HOLT'S SOUTHERLY BOUNDARY; THENCE $S42^{\circ}16'26''E$, 275.91 FEET TO A
 POINT IN BREWSTER CREEK; THENCE $S58^{\circ}57'10''E$, 319.06 FEET TO THE POINT OF BEGINNING,
 CONTAINING 6.887 ACRES MORE OR LESS, BEING SURVEYED AND MONUMENTED ACCORDING TO THIS
 ATTACHED EXHIBIT, RESERVING A UTILITY AND IRRIGATION EASEMENT ACCORDING TO THIS
 ATTACHED EXHIBIT.

I CERTIFY THE INFORMATION SHOWN HERON TO BE TRUE AND CORRECT.

Gordon E. Sorcnson
 Gordon E. Sorcnson, P.E.
 Montana Registration No. 2345EC

PLAT FOR DEED ATTACHMENT AND LEGAL DESCRIPTION OF A SURVEY OF A TRACT OF
 GROUND WITHIN HES NO. 54, T. 10N., R. 16W., P.M. MONTANA, PERFORMED FOR
 MISSOURI & MANAGEMENT TRUST IN AUGUST 1969.



LEGAL DESCRIPTION:

A TRACT OF GROUND WITHIN HES NO. 54, T. 10N., R. 16W., PRINCIPAL MERIDIAN MONTANA,
 MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE APPARENT WESTERLY LIMIT OF A LOGICAL RIGHT OF WAY FOR
 ROCK CREEK ROAD, SAID POINT BEING S36°18'35"W, 326.67 FEET FROM THE STONE MONUMENT
 OF CORNER NO. 4, HES 170, SAID POINT BEING THE SOUTHEASTERLY CORNER OF A 20 ACRE
 TRACT SOLD TO HOLT IN MARCH 1969; THENCE S23°16'56"W, 332.05 FEET ALONG A WESTERLY
 LIMIT OF ROCK CREEK ROAD; THENCE N64°53'15"W, 801.00 FEET TO THE EASTERLY BANK OF
 AN IRRIGATION DITCH; THENCE N34°24'40"E, 313.21 FEET TO THE WESTERLY BANK OF SAID
 IRRIGATION DITCH; THENCE N71°01'57"W, 22.22 FEET TO A CORNER OF HOLT'S TRACT;
 THENCE N55°31'43"E, 158.67 FEET ALONG HOLT'S SOUTHERLY BOUNDARY; THENCE S79°14'56"E,
 112.08 FEET ALONG HOLT'S SOUTHERLY BOUNDARY; THENCE S42°16'26"E, 276.91 FEET TO A
 POINT IN BREWSTER CREEK; THENCE S58°57'10"E, 319.06 FEET TO THE POINT OF BEGINNING,
 CONTAINING 6.887 ACRES MORE OR LESS, BEING SURVEYED AND MONUMENTED ACCORDING TO THIS
 ATTACHED EXHIBIT, RESERVING A UTILITY AND IRRIGATION EASEMENT ACCORDING TO THIS
 ATTACHED EXHIBIT.

I CERTIFY THE INFORMATION SHOWN HEREBY TO BE TRUE AND CORRECT.

Gordon E. Sorenson
 Gordon E. Sorenson, P.E.
 Montana Registration No. 2345ES

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 W. J. ...
and ...

Address ...

...

Date well started OCT. 11, 1972

completed OCT. 18, 1972

Type of well ...
(Dig, driven, bored or drilled)

Equipment used ...
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other * Garden/Lawn

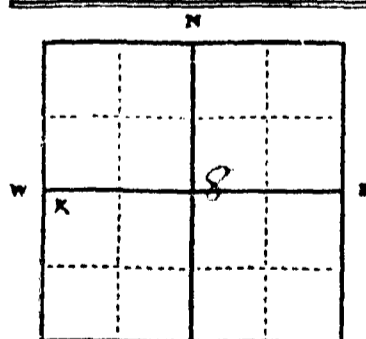
*Describe ...

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). 1.61 acres, Block 10, Lot 2 in Lot 10.

ESTIMATED ANNUAL WITHDRAWAL 500 gal/day domestic.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
8" I.P. 6-5/8" OD	17 lbs. 1/4" side wall	8 ft above level	100 ft.	none	none	none



Static water level 18 ft.*
Pumping water level 30 ft.*
at 40 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.
Well developed by sub. test pump
for 2 hours.
Power 220 Pump 3/4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

lot 2, Block 10
Rock Creek Sec. 8
T. 10 N. R. 16 W.

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

Driller's Signature ...

Driller's Address 1550 So. ...

LICENSE NO. 151

County Granite

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	8'	well pit
8'	18'	tan clay, gravel, sand and boulders
18'	28'	surface water, sand and gravel
28'	34'	tan clay, sand and gravel
34'	37'9"	sand, gravel and water

37 ft. 9 in. show exact depth of bottom

51,998

89420

Filed for Record

November 11, 1972

at 25 minutes past 8 o'clock

A.M.

Marie Morrison, Clerk & Recorder

By Margaret J. Collins, Deputy

RECEIVED

File No.

T 10N R 16W

DUPLICATE

DECEMBER

County Granite

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)

M. Roy and

Owner Prada, K. Handley Address Clinton, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 8/26/70 Date completed 8/28/70

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.



Top of Ground
(Elev. above sea level 3800 ft)

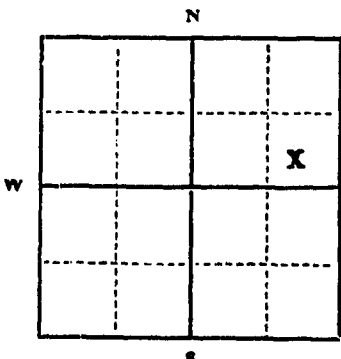
Formations Log:

- 0 - 1 Black topsoil.
 - 1 - 20 Gravel mixed in brown silty conglomerate.
 - 20 - 23 Boulders.
 - 23 - 34 Silty sand and gravel.
 - 34 - 56 Fine sand and gravel.
 - 56 - 60 Coarse sand and gravel.
- Water.

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 1/4"	+1.6"	60	N	O	N

Doc. No. 86822
Filed for record
this 4 day of December
A. D. 19 70, at 1:05
o'clock P. M.

Water rises in well
15 feet to surface.



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

Shut-in Pressure for Flowing Well Non-f.

Lumping Water Level.....feet
at..... 60 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year.

SE 1/4 NE Sec. 6 T. 10N R. 16W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

upon to produce clear sand free water year after year.
(Continue on reverse side)

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

Approximately ten acres, on Dairy Farm

Show exact depth of bottom.
Bottom of well 60 feet.

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.

52
Driller's License Number

William J. Osborne
Driller's Signature

47866

~~year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 30 to 40 percent of the tested capacity of the aquifer.~~

MO

86822

FILED FOR RECORD

Dec. 4, 1970 at 05 minutes past 1:00 o'clock
P. M.

Agnes M. McDonald
County Recorder

By Maude I. Echols
Deputy

RECEIVED

FEB 28 1972

County Blaine

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 Araya

Address Box 414 MULLTOWN

Montana

Date well started Nov. 2, 1971

completed Nov. 13, 1971

For Administrator's Use	
File	<u>88365 2b.25.1972</u>
	<u>2:13 p.m.</u>
GW	<u>1</u>

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic Municipal Stock Irrigation

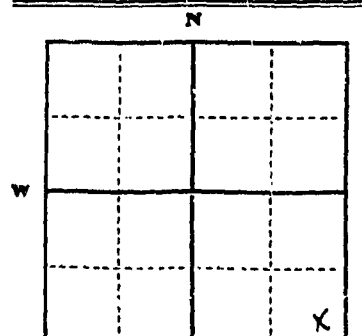
Industrial Drainage Other * Garden/Lawn

*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 1,500,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	3" 17'	1 up	30'			



Lot 10 ^S HES 176
S.E. 1/4 S.E. 1/4 Sec. 7
T. 10 N. R. 16 E.

Static water level 15 ft.*
Pumping water level 20 ft.*
at 75 gallons per minute,
measured 90 minutes after pumping
began.
*Measured from ground level.
Well developed by Churn Drill
for 2 1/2 hours.
Power 1/2 HP Pump 1/2 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 Charles J. Hollenstener

Driller's Address Billings, P.O. Box 670

LICENSE NO. 112

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	12	sandstone, gravel, and clay
12	15	sand, gravel and clay
15	18	static water level
18	24	sand, gravel and water
24	32	sand, gravel and clay
32	36	sand, gravel and water

Show exact depth of bottom

49,936

88365

Filed For Record
February 25, 1972
at 13 minutes past 2 o'clock
P.M.

Marie Morrison
County Recorder

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: [blank]
Address: [blank]
Date well started: [blank]
completed: [blank]

For Administrator's Use	
File	87725
	September 20, 1971
	1:05 PM
GW 1	

Type of well: fill
(Dug, driven, bored or drilled)

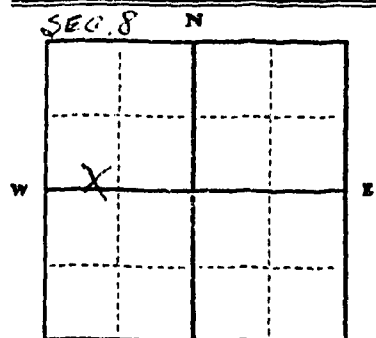
Equipment used: drill
(Churn drill, rotary or other)

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: 2,100,000 gallons

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



Static water level: 10 ft.*
Pumping water level: 22 ft.*
at 22 gallons per minute,
measured 22 minutes after pumping
began.
*Measured from ground level.
Well developed by 100 ft.
for 10 hours.
Power: 5000 Pump: 5000 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 6, H.E.S. 176 & H.E.S. 181
1/4 Sec. 7 & 8
T. 10 N. R. 16 E. S. 7 W

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

Driller's Signature: Charles J. Allington
Driller's Address: [blank]
LICENSE NO.: [blank]

County: 7

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)	Description
		0 - 30 ft. gravel
		30 - 40 ft. clay
		40 - 50 ft. little water level
		50 - 60 ft. gravel and clay
		60 - 70 ft. sand water
		70 - 80 ft. gravel and clay
		80 - 90 ft. little gravel and water
		90 - 100 ft. water

Show exact depth of bottom

49114

87775

FILED FOR RECORD

Sept. 20, 1971

at 5 o'clock and 1 o'clock

P.M.

Marie Morrison

County Recorder

By _____

Deputy

File No.

T. 10N R. 16W

DUPLICATE

County Granite

MONTANA WATER RESOURCES BOARD
LOG RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AUG 28 1969

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 - 1 1/2 top soil & small
gravel

Owner Ivan E. Levesque Address Rock creek

1 1/2 - 8 cobble stones
sand & gravel

Driller Harold K. Pickens Address 3624 So. Ave. Missoula

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

8 - 20 sand gravel
& water

Date well started 4/29/63 Date completed 8/2/62

20 - 36 sand & water

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

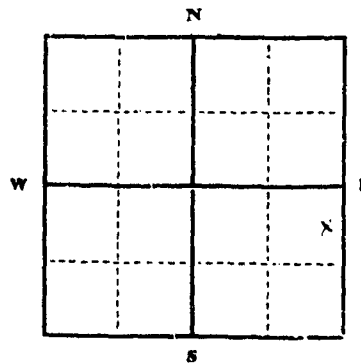
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

35 - 40 red clay
no water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 in.	5 in. I.D. 15 lbs per ft.	0	63	none		

40 - 56 sand & water

56 - 63 gravel & water



Static Water Level for non-flowing well
6 ft of top feet.

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

Pumping Water Level 6 ft. of top feet
at 60 gal. per minute.

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

How Tested compressor

Length of Test 3 1/2 hrs.

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

1/4 Sec. 7 T. 10N R. 16W
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.

63 ft. from top of ground

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.

71
Driller's License Number

Harold K. Pickens
Driller's Signature.

45568

85315 9/3/09
agm

FILED FOR RECORD

September 26, 2009
5:55 AM
Post Office

James M. McDonald
County Recorder
By Charles G. Mac
Deputy

County Granite

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.

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.

Owner Earl Davis

Address 1111 1/2 N. 1st St. Helena, Mont.

Date well started June 16, 1971

completed June 16, 1971

For Administrator's Use	
File #	<u>87309</u>
Date	<u>June 16, 1971</u>
Time	<u>2:36 P.M.</u>
Well No.	<u>GW 1</u>

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

Equipment used rotary drill
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

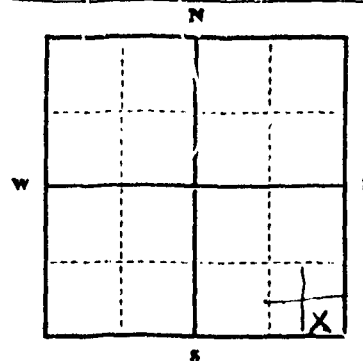
Industrial Drainage Other * Garden/Lawn

*Describe irrigation

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 2,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
4"	4" 11.3	1	47	---	---	---



Static water level 17 ft.*
Pumping water level 27 ft.*
at 100 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by 12 hours.
for 12 hours.
Power 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SE 1/4 SE 1/4 Sec. 7
T. 10 N. R. 16 E.

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

Driller's Signature Charles J. Miller

Driller's Address 600 N. 1st St. Helena, Mont.

LICENSE NO. 1234

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	17	sandstones, gravel and clay
17	17	static water level
17	31	gravel, sand, clay and signs of water
31	31	gravel and clay
31	31	and, gravel and water

Show exact depth of bottom

446128

87309

FOR RECORD

, 1971

minutes past 2:00 o'clock

Marie Morrison
County Recorder

Maude I. Nichols
Deputy

ee

File No. STATE WATER CONSERVATION BOARD

T 10 N R 16 W 7

QUADRUPPLICATE

OCT 19 1966

County Granite

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 OCT 18-66

Owner Richard F West Address Clinton Mont.
Amanda West

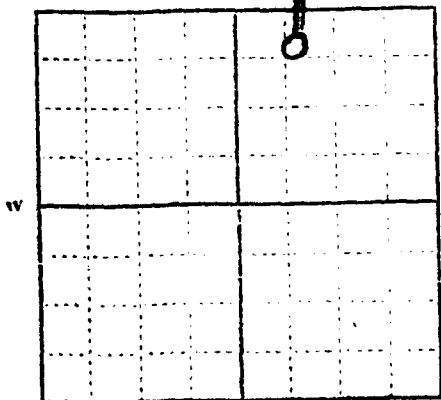
Contractor (if any) Not Applicable

Address of Contractor Not Applicable

Date Started Not Applicable 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.

In the mouth of Goat Gulch Spring is located 161.27' Compas bearing N 5° 39' W from Cor. 3 HES 171. Sec 7 T 10 N R 16 W



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. This spring flows over an alluvial fan irrigating

a small hay meadow. Water will be used for stock irrigation & domestic purposes. Spring

goes dry about the middle of July each year. Flow is heavy in early spring & tapers off to nothing in July.

Signature of Owner Richard F West
Amanda West Date 18 Oct 66

1/4 Sec 7 T10NR 16W
 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.

81159

FILED FOR RECORD

Oct. 16, 1966 at
20 minutes past 10:00 o'clock A.M.

Agnes M. McDonald
County Recorder

By Maude Echols
M. Echols Deputy

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 ROBERT W. FRIEND
and DAVIS E. FRIEND
Address 1739 Phillips
Missoula, Mont.
59801

For Administrator's Use
File 87586
August 20, 1971
1:00 PM

Date well started JUNE 24, 1971 GW 1
completed JUNE 25, 1971

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

Equipment used CHURN
(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" I.D.	6-5/8" O.D. 17 lbs. 1/4" side-wall	ground level	37 ft.	none	none	none

N 121.6' P.O.B.

Static water level 18 ft.*
Pumping water level 30 ft.*
at 40 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by test run for 5 hours.
Power 35 Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

FRACTIONS OF HES-176
N. 1/4 S. 1/4 Sec. 8
T. 10 N. R. 16 W. E
S W

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

Driller's Signature Norman S. Williams
Driller's Address 1558 So. 5th... MONT.

LICENSE NO. 151

County GRANITE
DRILLER'S LOG 8

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)	
GL	5'	tan sandy clay & silt
5'	16'	tan clay, gravel, sand & boulders
16'	28'	surface water, sand & gravel
28'	33'	tan clay, sand & gravel
33'	37'	sand, gravel & water

37 ft. Show exact depth of bottom

48965

87586

FILED FOR RECORD

AUG. 20, 1971

at -- minutes past 1:00
o'clock P. M.

Marie Morrison

County Recorder

By Maude I. Echols

Deputy

\$2.00 Fee

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 Virgil A. and Edna D. Ridgway
Address 17 Russell Park W.
Missoula, Montana

Date well started 5/16/72
completed 5/26/72

For Administrator's Use
File 88694
June 22, 1972 11:30 a.m.
GW 1

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

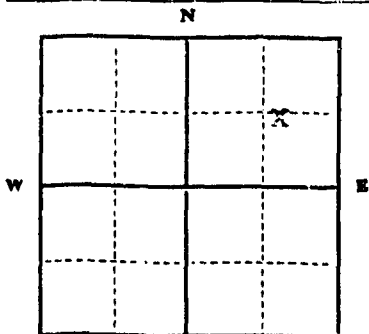
Equipment used Cable Tools
(Churn drill, rotary or other)

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). Lot 5 of Block 18 North R. 50th division of Granite County, Mont.

ESTIMATED ANNUAL WITHDRAWAL 26,280,000 gallons

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 1/4"	+2	40'	N	O	N E



SE 10 NE 1/4 Sec. 18
T. 10 N. R. 18 E

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 10 ACRES.

Driller's Signature [Signature]
2500 Reserve Street

Driller's Address _____
Missoula, Montana

LICENSE NO. 52

County Granite

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. 3970'
(Elev. above sea level)

From (Feet)	To (Feet)	Strata
0	12	Sandy soil, cobblestones and boulders
12	18	Fine sand, gravel and cobblestones
18	28	Gravel imbedded in tan clay
28	36	Gravel imbedded in brown clay
36	38	Fine sand and gravel. Some water.
38	40	Coarse sand and gravel. Water.

40 ft. Show exact depth of bottom water rises in well seven feet from surface.

50,703

88694

FILED FOR RECORD
June 22, 1972 at
30 minutes past 11:00 o'clock
A. M.

Marle Morrison
County Recorder

By Maudie I. Echols
Deputy

Fee: \$2.00

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 50 to 60 percent of the tested capacity of the aquifer.

File No.

T 10 R 16
County Granite

DUPLICATE

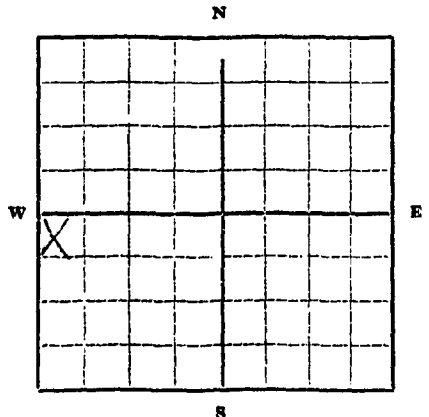
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

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

1. Clarence H. Hamm Sr. & Ida D. Hamm of Clinton
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 19 T. 10 R. 16

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 & Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 10, 1953

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

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 October 15, 1953

8. The depth of water table 55'

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 1/2" - 4" - 55' - Pump

10. The estimated amount of groundwater withdrawn each year UNKNOWN

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 None

Ida D. Hamm
Signature of Owner Clarence H. Hamm
Date 1-3-63

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 School of Mines and Quadruplicate for the Appropriator.

FILED FOR RECORD

Jan 3 1963

at 30 minutes past 4 o'clock

A.M.
Agnes M. McDonald
County Recorder

By _____ Deputy

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 Missoula Management

Address Box 1501

Missoula, Montana

Date well started June 13, 1970

completed August 11, "

For Administrator's Use	
File	<u>59118</u>
	<u>Sept. 18, 1972 - 9-15-72</u>
	<u>GW 1</u>

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Cable tools

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other * Garden/Lawn

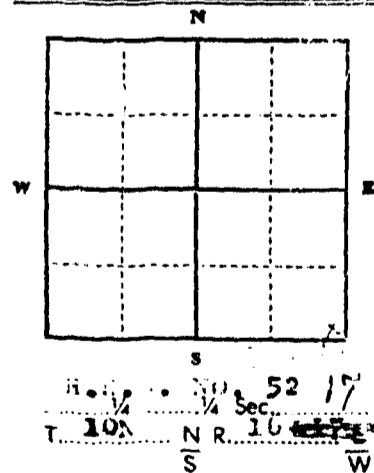
*Describe

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). Lot 4, Ranch Creek Meadows

Approx. 4.111 acres

ESTIMATED ANNUAL WITHDRAWAL 300,000

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 3"	+1'4"	96	N	O	N



Static water level 63 ft.*
Pumping water level 90 ft.*
at 50 gallons per minute,
measured 5 1/2 hours after pumping
began.
*Measured from ground level.
Well developed by Air Lift
for 5 1/2 hours. Pump
Power Gas Pump 40 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) All
water entering well
through open bottom of
six inch casing. wells
in this area can be

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

LIBERTY DRILLING COMPANY

Driller's Signature William D. Calmer

Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO 52

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) <u>4268+</u>		
From (Feet)	To (Feet)	
0	1	Topsoil
1	34	Boulders, cobblestones and gravel mixed in gray silt.
34	71	Gravel and cobblestone imbedded in clay.
71	96	Fine brown silty sand and gravel.
96	98	Coarse sand and gravel water.

98 ft. Show exact depth of bottom water rises in well 63 feet from surface.

51,406

depended 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 50 to 60 percent of the tested capacity of the aquifer.

89118
Filed For Record
September 18, 1972
at 15 minutes past 9 o'clock
A. M.
Martha Morrison
County Recorder

GW

File No.

T 10 R 16

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

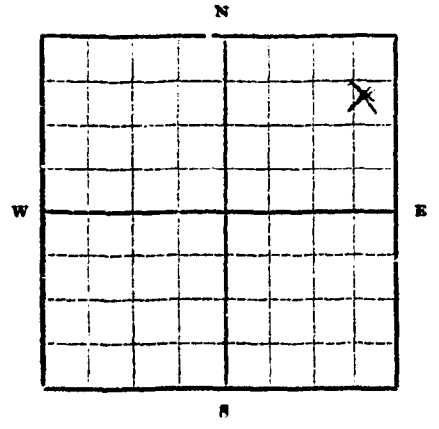
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

ICR to Hamm

1. CHARLES H. HAMM JR. of CLINTON, MONTANA
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 17 T. 10 R. 16

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 use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 12/15/89
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) ALL PRODUCE BY 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 NO
- 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 COMPLETED ABOUT FEB 10, 1947 & COMPLETED 12/24/59
- 8. The depth of water table 45'
- 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" IRON PIPE - PUMP - 45'
- 10. The estimated amount of groundwater withdrawn each year UNKNOWN
- 11. The log of formations encountered in the drilling of each well if available ROCKY & SANDSTONES
- 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 NO

Signature of Owner Charles H. Hamm Jr.

Date 1/2/63

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 School of Mines and Quadruplicate for the Appropriator.

FILED FOR RECORD

Jan 3 1963

10 minutes past 4 o'clock

James M. McLeod
County Recorder

By _____
Deputy

Granite
County 19

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 Adam Mahneviak
Address P.O. Box 129
Clinton, Montana
Date well started March 27, 1972
completed March 27, 1972

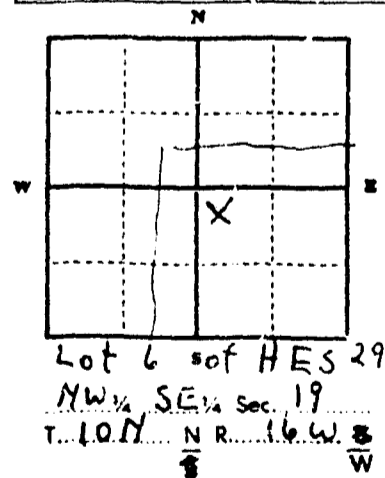
For Administrator's Use	
File	<u>88657</u>
Date	<u>June 12, 1972 3:53 p.m.</u>
GW	<u>1</u>

Type of well Drilled
(Dug, driven, bored or drilled)
Equipment used Churn Drill
(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	From (Feet)	To (Feet)
<u>6" I.C.</u>	<u>6" I.C. 17 lb per ft. g.l.</u>	<u>15"</u>	<u>39"</u>		<u>none</u>	



Static water level 175 ft.*
Pumping water level 275 ft.*
at 900 gallons per minute,
measured 1 minutes after pumping began.
*Measured from ground level.
Well developed by compressor
for 9 hours.
Power Does not Pump apply to
Remarks: (Gravel packing, cementin packers, type of shutoff)

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

Driller's Signature [Signature]
Driller's Address 1522 S. 14th St., Missoula, Montana 59807

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)	
<u>0</u>	<u>10</u>	<u>Sandy Clay & Cobbles</u>
<u>10</u>	<u>18</u>	<u>Clay & Gravel</u>
<u>18</u>	<u>34</u>	<u>Clay, Gravel & Water</u>
<u>34</u>	<u>39</u>	<u>Sand Gravel & Water</u>

LICENSE NO. 7 39' Show exact depth of bottom
50,601

88657

FILED FOR RECORD

June 12, 1972

at 53 minutes past 3:00 o'clock

P. M.

Maude Morrison

County Recorder

By Maude I. Echols

Deputy

\$2.00 Fee

File No.

T. 10N R. 16W

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

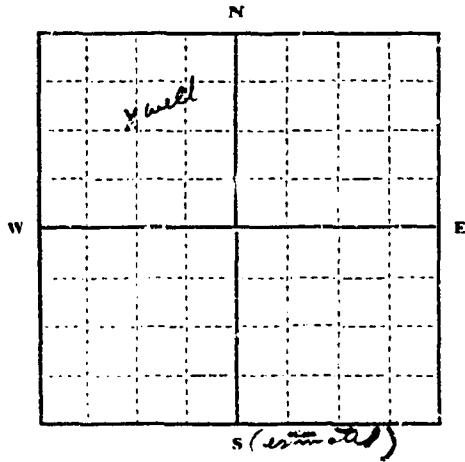
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James A. Ford, of Rte. 1 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:



1/4 Sec. 20, T. 10N, R. 16W

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 irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 2 Acres in portion of T. 10 S. 170 unsurveyed in Sec. 20 T. 10 N. R. 16 W James A. Ford owner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well in NW 1/4 of Sec. 20 T. 10 N. R. 16 W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater none

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 none

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

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 none

Signature of Owner James A. Ford

Date Dec 21 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.

77598

FILED FOR RECORD

Dec 30 1963

at 32 minutes to 3

Agnes M. McD.
County Recorder

By _____ Deputy

File No.....

T. 10 N. R. 16 W

DUPLICATE

Courty Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1967

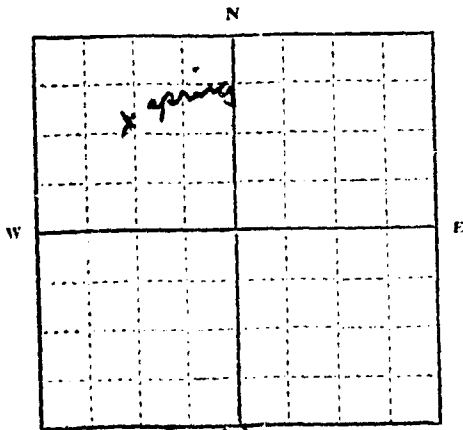
Owner James A. Ford Address St. Louis, Mont.

Contractor (if any) none

Address of Contractor

Date Started none Date Completed none

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



(at)
1/4 Sec 22 T. 10 N. R. 16 W

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

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

estimate approximate lengths of periods of use 50 miners inches
used year around. estimated

Signature of Owner James A. Ford

Date Dec. 11 1968

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.

77597

FILED FOR RECORD

Dec 30 1963

at 50 minutes past 3 o'clock

P.M.

James M. McDonald
County Recorder

By _____
Deputy

RECEIVED

10N-16W
Granite
County, Montana

NOV 3 1972

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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.

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 217 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 Gary Tennell

Address Box 29
Clinton, Montana 59425

Date well started Sept. 5, 1972

completed Sept. 7, 1972

Type of well Drilled

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).

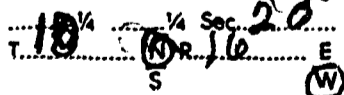
Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	Description
0	4	Broken Rock & Gravel
4	22	Clay, Gravel & Cobblestones
22	26	Boulder
26	48	Clay, Gravel & Broken Rock
48	74 1/2	Clay, Gravel, Broken rock & Water

A portion of land in Township 10 North, Range 16 West, Section 20, T10N R16W, is in Section 10 North, Range 16 West, and the tract is more particularly described as follows: Beginning at a point which is 100 feet from corner No. 9 of H.E. #170 in the Northwest 1/4 of said Section 20, on Top 10 North, Range 16 West, and corner No. 10 of said Section 20; thence on a bearing of S 77° 15' 45" W, 100 feet to said corner No. 9 of said H.E. #170; thence on a bearing of S 17° 45' East, 125.4 feet to corner No. 10 of H.E. #170; thence on a bearing of N 77° 15' 45" West, 100 feet to a point; thence on a bearing of N 77° 15' 45" West, 100 feet to the point of beginning, which point is 100 feet from corner No. 9 and corner No. 10 of said H.E. #170. The boundary is approximately 100 feet long.

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 Steve Casp

Driller's Address 9222 S. 14th N., Missoula, Montana 59801

LICENSE NO. 7

Show exact depth of bottom

1-F1B

51,741

RECEIVED

NOV 3 1972

10N-16W
Granite
County, Montana

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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 Gary Tunnell

Address Box 21

Citation, Montana 59828 7/2, 1972 - 10:40 a.m.

Date well started Sept. 5, 1972

completed Sept. 7, 1972

Type of well drilled

Equipment used Case 4111

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).

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	0	Gravel
4	22	Clay, gravel & sandstone
22	26	Gravel
26	48	Clay, gravel & broken rock
48	74	Clay, gravel, broken rock & water

A tract of land in Homestead Entry No. 170 in the Missoula National Forest, in Granite County, Montana. This H.E. #170 is in Township 10 North, Range 16 West N.P.M., and the tract is more particularly described as follows: Beginning at a point which is 310 feet distant from Corner No. 9 of H.E. #170 in the Missoula National Forest, in Twp 10 North, Range 16 West on a course of N 77° 51' West from said corner #9; thence on a course of S 77° 51' E 350 feet to said corner #9 of said H.E. #170; thence So. 16° 45' East 125.4 feet to corner No. 10 of H.E. #170; thence So. 20° 17' West 150 feet to a point; thence in a northerly direction to the point of beginning, which point of beginning is in the line between Corner No. 9 and Cor. No. 10 of H.E. #170, above mentioned. As nearly as the parties can estimate, the area contained in above boundary is approximately 2 acres, more or less.

HOME IDENTIFY #170
Packers, type of shutoff

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

Driller's Signature Gary Tunnell

Driller's Address 3222 S. 14th St., Missoula, Montana 59801

LICENSE NO.

Show exact depth of bottom

1-F1B

51791

RECEIVED

10/11/72
Granite
County

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.

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

Owner Gary Funnell
Address Box 29
Clinton, Montana 59825

Date well started Sept. 5, 1972
completed Sept. 7, 1972

Type of well Drilled
Equipment used Churn Drill

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use

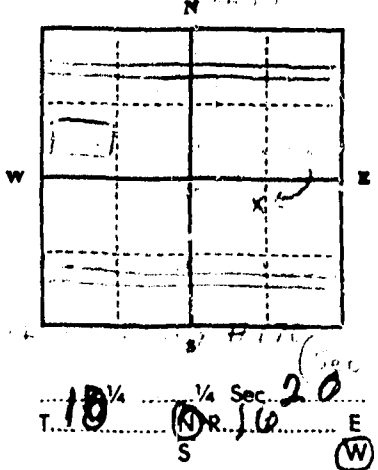
File 25 Nov 2, 1972 - 10:40 a.m.

GW 1

*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" ID	6" ID 17 lb per ft.				none	



Static water level 47 ft.*
Pumping water level 52 ft.*
at 20 gallons per minute,
measured 5 minutes after pumping
began.
*Measured from ground level.
Well developed by 1.5 hours.
Power 100 Pump 3/4 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 [Signature]

Driller's Address 1522 S. 14th Ave. Missoula, Montana 59801

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	4	Water Creek
		Broken Rock & Gravel
4	22	Clay, Gravel & Cobblestones
22	26	Boulder
26	48	Clay, Gravel & Broken Rock
48	74	Clay, Gravel, Broken rock & Water

LICENSE NO. 7

Show exact depth of bottom 74 1/2

51,741

RECEIVED

NOV 3 1972

10N-16W
Granite
County, Montana
20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

DRILLER'S LOG
Breunster Creek Well
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.

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 Gary Tunnell

Address Box 29
Clinton, Montana 59825

Date well started Sept. 5, 1972

completed Sept. 7, 1972

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic Municipal Stock Irrigation

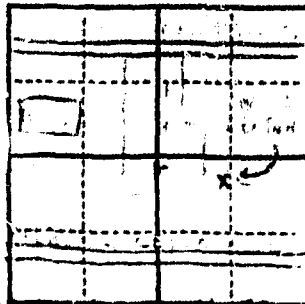
Industrial Drainage Other * Garden/Lawn

*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)	EXTRICATIONS		
				Kind	From (Feet)	To (Feet)
6" ID	6" ID 17 lb per ft.					



Static water level 67 ft.*
Pumping water level 52 ft.*
at 20 gallons per minute,
measured 5 minutes after pumping
began.

*Measured from ground level.
Well developed by fast pump
for 15 hours.
Power Electric Pump 3/4 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) Gravel

10N-16W
T. 10 S. R. 16 E. S. 20

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

Driller's Signature Glen Camp

Driller's Address 3522 S. 14th St., Missoula, Montana 59804

LICENSE NO. 7

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	4	Broken Rock & Gravel
4	22	Clay, Gravel & Cobbles
22	26	Boulder
26	43	Clay, Gravel & Broken Rock
43	74	Clay, Gravel, Broken rock & Water

Show exact depth of bottom

1-FYB

51,741

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

Owner Mr. Gary Tunnell
 Address Box 29, Clinton, MT 59725
 Location T. 10N R. 16W Sec. 25
 Doc. No. ?

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

Special Instructions: Please provide, as indicated in red on the attached form, the county filing number.

Thank you,

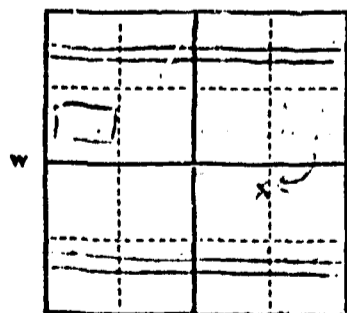
Equipment used _____
(Name of Co., rotary or other)

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" I.D.	6" I.D. 17 lb per ft.				none	



Static water level 47 ft.*
 Pumping water level 52 ft.*
 at 2 gallons per minute,
 measured 5 minutes after pumping
 began.
 *Measured from ground level.
 Well developed by 3/4" casing
 for 13 hours.
 Power 1/2 HP Pump 3/4 HP
 Remarks: (Gravel packing, cementing,
 packers, type of shutoff) _____

T. 10 N. 16 W. Sec. 25
 S. 10 E. 16 W.

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

Driller's Signature G. J. [Signature]

Driller's Address 1522 1/2th St., Helena, Montana 59601

LICENSE NO. 7

7-11 Show exact depth of bottom

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 MONTANA WATER RESOURCES BOARD

NOV 3 1972

DRILLER'S LOG

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 Gary Funnell
 Address Box 24
Clinton, Montana 59305

For Administrator's Use	
File	
GW 1	

Date well started Sept. 2, 1972
 completed Sept. 7, 1972

Type of well drilled
 (Dig, driven, bored or drilled)

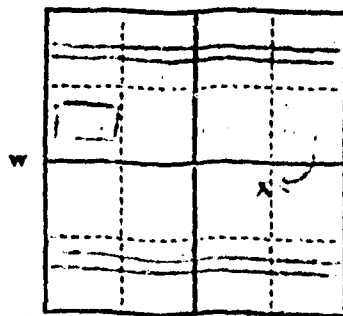
Equipment used Churn Drill
 (Churn drill, rotary or other)

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" 10	6" 17 lb per ft.					



Static water level 47 ft.*
 Pumping water level 52 ft.*
 at 2' gallons per minute,
 measured 5 minutes after pumping began.
 *Measured from ground level.
 Well developed by 13 hours.
 Power 1/2 HP Pump 3/4 HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

T. 10 S. 16 E. W

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

Driller's Signature H. L. ...

Driller's Address 1532 ...

LICENSE NO. 7

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	4	broken rock, gravel
4	22	clay, gravel, cobble stones
22	26	silts
26	42	clay, gravel, broken rock
42	74	clay, gravel, broken rock

Show exact depth of bottom

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

Filed for Record
11/2/72
at 40 minutes past
10 o'clock A. M.

SS Marie Morrison, Clerk & Recorder
By Margaret J. Collins, Deputy

As the Administrator of the Groundwater
of the following special instructions,
right.

Special Instructions: Please provide a
city filing number.

(Cable drill, rotary or other)
 Municipal Stock Irrigation
 Drainage Other * Garden/Lawn
tion, industrial, drainage or other. Explain,
res and location or other data (i.e. Lot, Block

HDRAWAL

From (Feet)	To (Feet)	PERFORATIONS		
		Kind Size	From (Feet)	To (Feet)
			0000	

Static water level 47 ft.*
Pumping water level 47 ft.*
at 5 gallons per minute,
measured 5 minutes after pumping
began.
*Measured from ground level
Well developed by
for 2 hours

89289[?]

Filed for Record
11/2/72
at 40 minutes past
10 o'clock A. M.

SS Marie Morrison, Clerk & Recorder
By Margaret J. Collins, Deputy