GROUNDWATER ~~INDEX~~

County Glacier Twp. N 2 D Rge. _____

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
	Vera Fred	GW 2	148495	
	Water Well Service supplies	GW 2	157224	
	Lacey Nelson	GW 2	166222	
	Denis Kay	well log	1961	
	H. Earl Clark, Inc.	well log	1961	
	Miller Colony	well log	1961	
	Birch Creek Colony	well log	1961	
	Birch Creek Colony	well log	1961	

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—4195

File No.....

SEP 1 1966

T.....R.....

DUPLICATE

County Glacier

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.....)

0 yellow clay
99 blue clay
240 sand rock
250 water
259 blue clay

Owner Fred Weiss Address Cut Bank Montana

Driller Walcott Kinney Address Cut Bank, Montana

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

Date well started Oct 15, 1964 Date Completed Oct 24, 1964

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 1/4	4 1/2 O.D. 6.75#	0	259	1/8 X 6"	200	259

N
W E
S

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

Static Water Level for non-flowing Well 180 feet.

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

Pumping Water Level 250 feet at 7 gal. per minute.

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

How Tested air jet pump Length of Test 8 hrs.

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

gravel packed

259 Show exact depth of bottom.

11
Driller's License Number

Driller's Signature

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

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

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

41,376

148495

FILED

at 9:00 o'clock A M

[illegible] 19[illegible]

[illegible]

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Rita [illegible] Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45.... 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 3 1970

T.....R.....

DUPLICATE

County Glacier

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)

0 Top of Ground

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

9 Gravel

26 Blue Clay

30

Owner Water Well Service + Supply Address Cutbank

Driller..... Address .....

Date of Notice of appropriation of groundwater July 14, 1968 July 15, 1968

Date well started drilled Date completed rotary

Type of well..... Equipment used.....
(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 Drilling Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind (Size)	From (Feet)	To (Feet)
	6 5/8 O.D. Gals	0	30	1/8 x 1/2 11		3

Static Water Level for non-flowing well 15 feet.

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

Pumping Water Level.....feet

at.....gal. per minute.

Discharge in gal. per min. of flowing well air + bailer

How Tested 6 hrs.

Length of Test .....

Remarks: (Gravel packing, cementing, packer, pump set at etc.) 19 feet from 19' to surface

N W E S

.....¼.....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).

Doc. No. 157224
Filed for record this 2 day of March A. D. 19 70, at 1:10 o'clock P M.

Show exact depth of bottom.

11

Driller's License Number

Lincoln Peterson

Driller's Signature.

46221

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.

157224

FILED

at 1:10 o'clock P. M.

on 3-3 19 70

M. L. Marsine

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Etta Begg Deputy

GW 2 Revised 1969
13—3M—10,69

County [illegible]

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 Nolan Lacey

Address Box 21 Outlook

Montana

Date well started Nov 24 1970

completed Nov 24, 1970

For Administrator's Use	
File	166277
	3-50-93
GW 1	9-20-70

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

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

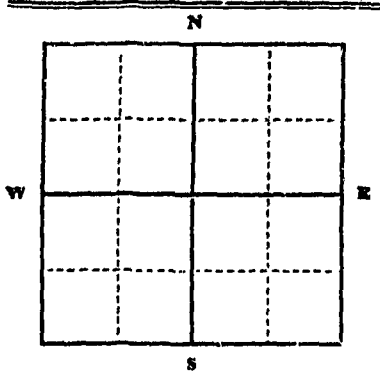
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6¾	4½ O.D. 6.75	0	94	4½" Load perforator	65	94



Static water level 65 ft.*
Pumping water level [illegible] ft.*
at 14 gallons per minute,
measured [illegible] minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for 4 hours.
Power..... Pump 43 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....
Gravel packed

.....¼ .....¼ Sec.....
T..... N/S R..... E/W

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

Driller's Signature Emmitt Peterson

Driller's Address Box 1141 Outlook

Montana LICENSE NO. 11

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	35	yellow clay some gravel
35	65	blue & gray clays some stiff water found
65	[illegible]	gray sand, sand this [illegible] contains water
88	94	gray shale

94 Show exact depth of bottom

56158

166222

FILED

at 9:20 o'clock A M

3-20 1973

M.L. Warren

County Clerk and Ex-officio Recorder

GLACIER COUNTY, MONTANA

By Marline Hess Deputy

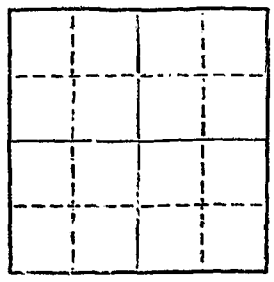
T..... R.....

County.....

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1967
STATE ENGINEER

WATER WELL LOG



Owner: [illegible] Address: Browning, Mont.

Driller: Ernest [illegible] Address: Cut Bank, Mont.

Date Started: 6 March, 1968 Date Completed: 6-7-68

Location: Sec..... T..... R..... ¼ sec.....

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....

Casing: 0 ft. to 84 ft. Type: Galvanized Size: 8 5/8"

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 76 to ft. 84 Ft. to ft.

Type of screen or perforations: 1/8" Torch perforated

Static Water level, for non-flowing well: 40' feet.

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

Pumping water level: 55 feet at 20 gal. per min.

How tested: Air

Length of test: 8 hours

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

Gravel packed

(over)

T..... R.....

County Glacier

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG

Owner Ray Davis Address Browning, Mont.

Driller Ernest E. Peterson Address Cut Bank, Mont.

Date Started 6 March, 1958 Date Completed 3-7-58

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 34 ft. Type Galvanized Size 4"

Casing:..... ft. to..... ft. Type..... Size.....

Casing:..... ft. to..... ft. Type..... Size.....

Perforated or Screened: Ft. 18 to ft. 34 Ft..... to ft.....

Type of screen or perforations 1/8" Torch perforated

Static Water level, for non-flowing well: 40' feet

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

Pumping water level 58 feet at 20 gal. per min.

How tested: air

Length of test 3 hours

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

Gravel packed

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	21	Clay
21	70	Shale & some sand stone
70	84	Sandstone

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	21	Clay
21	70	Shale & some sand stone
70	84	Sandstone

T..... R.....

County.....

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

Owner: [illegible] Oil Co., Inc. Address: Cody, Wyoming

Driller: [illegible] Gleason Address: Cut Bank, Montana

Date Started: [illegible] Date Completed: [illegible]

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 44' 8" ft. Type: Galvanized Size: 4½"

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. 44' to ft. 54' 6" Ft..... to ft.....

Type of screen or perforations: 1/8" Torch perforated

Static Water level, for non-flowing well: 45' feet.

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

Pumping water level: 55' feet at 25 gal. per min.

How tested: Air & bailer

Length of test: 4 hours

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

Gravel packed & cemented at 10'

(over)

T..... R.....

County Glacier

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG

Owner H. Earl Clark, Inc. Address Cody, Wyoming

Driller Ernest A. Peterson Address Cut Bank, Montana

Date Started 25 March, 1958 Date Completed 3-26-58

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 44' 6" ft. Type Galvanized Size 4½"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 38' to ft. 44' 6" Ft. to ft.

Type of screen or perforations 1/8" Torch perforated

Static Water level, for non-flowing well: 25' feet.

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

Pumping water level 35' feet at 15 gal. per min.

How tested: Air & pump

Length of test 4 hours

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

Gravel packed & cemented at 10'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	4	Sand and gravel
4	40	Blue clay and boulders
40	45	Gravel

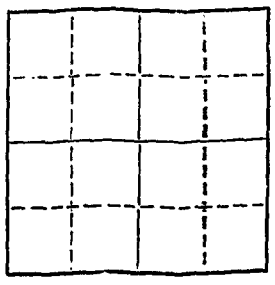
T.....R.....

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG



Owner Miller Colony ..... Address Glasgow, Mont.

Driller Ernest Anderson ..... Address Cut Bank, Mont.

Date Started February, 1960 ..... Date Completed [illegible]

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 20 ft. Type Black Size 8"

Casing: 0 ft. to 56 ft. Type Galvanized Size 4½"

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. 40 to ft. 56 Ft..... to ft.....

Type of screen or perforations 1/8" torch perforated

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

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

Pumping water level 50 feet at 6 gal. per min.

How tested: Air

Length of test 2 hours

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

None

(over)

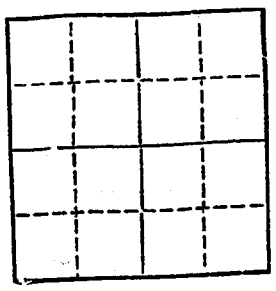
T..... R.....

County Glacier

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG



Owner Miller Colony ..... Address Dynum, Mont.

Driller Ernest H. Peterson ..... Address Cut Bank, Mont.

Date Started 3 February, 1958 ..... Date Completed 2-8-58

Location: Sec..... T..... R..... ¼ sec.....

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....

Casing: 0 ft. to 26 ft. Type Black Size 6"

Casing: 0 ft. to 56 ft. Type Galvanized Size 4½"

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. 40 to ft. 56 Ft..... to ft.....

Type of screen or perforations 1/8" torch perforated

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

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

Pumping water level 50 feet at 8 gal. per min.

How tested: Air

Length of test 2 hours

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

None

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	18	Sand
18	50	Shale
50	56	Sandstone

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	18	Sand
18 18	50	Shale
50	56	Sandstone

T..... R.....

County Granite

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG

Owner Birch Creek Colony Address Valier, Mont.

Driller Ernest A. Peterson Address Cut Bank, Mont.

Date Started 31 December, 1957 Date Completed 1-6-58

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 120 ft. Type Black Size 7"

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. None to ft..... Ft..... to ft.....

Type of screen or perforations None

Static Water level, for non-flowing well: 30'.....feet.

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

Pumping water level 110 feet at 6 gal. per min.

How tested: Air and pump

Length of test 30 hours

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

None

(over)

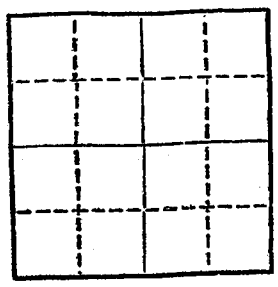
T..... R.....

County Glacier

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961
STATE ENGINEER

WATER WELL LOG



Owner Birch Creek Colony Address Valier, Mont.

Driller Ernest W. Peterson Address Cut Bank, Mont.

Date Started 31 December, 1957 Date Completed 1-6-58

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 150 ft. Type Black Size 7"

Casing:.....ft. to.....ft. Type..... Size.....

Casing:.....ft. to.....ft. Type..... Size.....

Perforated or Screened: Ft. None to ft..... Ft..... to ft.....

Type of screen or perforations None

Static Water level, for non-flowing well: 35' feet.

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

Pumping water level 118 feet at 6 gal. per min.

How tested: Air and pump

Length of test 36 hours

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

None

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	Clay
15	18	Sand
18	45	Clay
45	50	Sandstone
50	105	Clay, some sandstone
105	125	Sandstone

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	15	Clay
1 15	18	Sand
18	45	~~Sandstone~~Clay
45	50	Sandstone
50	105	Clay, some sandstone
105	125	Sandstone

T..... R.....

County Valley

RECEIVED
SEP 18 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Birch Creek Colony Address Valier, Mont.

Driller Ernest A. Peterson Address Cut Bank, Mont

Date Started 7 January, 1958 Date Completed 1-9-58

Location: Sec..... T..... R..... ¼ sec.....

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

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

Industrial [ ] Drainage [ ] Other:.....

Casing: 0 ft. to 115 ft. Type Galvanized Size 3"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 105 to ft. 115 Ft. to ft.

Type of screen or perforations 1/8" Torch perforated

Static Water level, for non-flowing well: 35' feet.

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

Pumping water level 112' feet at 5 gal. per min

How tested: Air and pump

Length of test 8 hours

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

Gravel packed

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	[illegible]	Yellow clay
[illegible]	101	Shale & some sand rock
101	125	Sandstone

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	40	Yellow Clay
40	101	Shale & some sand rock
101	115	Sandstone

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—41336

File No.....

T 32 N R 11 W

DUPLICATE

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 1

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Leonard C. Stoner, of Browning
(Name of Appropriator) (Address) (Town)
County of Glacier, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is to irrigate lawns around dwellings on lots 1 and 13 of block 6, Township of Browning
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
(have no idea)

4. The annual period (inclusive dates) of intended use approximately May 15th to Sept. 15th.

5. The probable or intended date of first beneficial use unknown, as the well was here when I purchase the property.

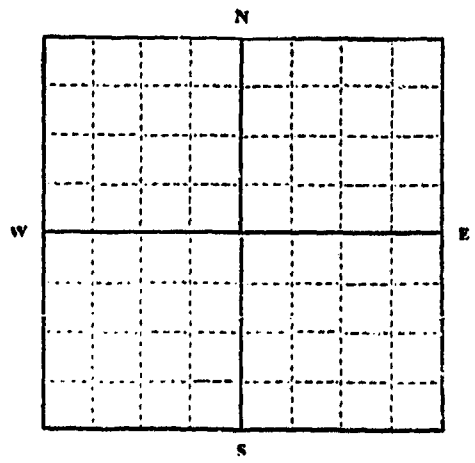
6. The probable or intended date of commencement and completion of the well* or wells*
no new well contmplated

7. The location, type, size and depth of well or wells contemplated none

8. The probable or estimated depth of the water table or artesian aquifier 10' - 12'

9. Name, address and license number of the driller engaged none. This is a dug well. I assume the previous owner dug it himself and I cleaned it and replaced the ~~culvert casing this fall myself. (1968)~~

10. Give such other similar information as may be useful in carrying out the policy of this act



.....¼ Sec..... T..... R.....
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Leonard C. Stoner

Date September 24, 1968

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

44,614

GW-1's NO GW-2's

153201

FILED

at 9:20 o'clock A M.

9-3, 1968

M. L. Nanson

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

Donna Lasota Deputy

3 GW 3 Revised 1969
2057—1500—1/71

RECEIVED

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITH WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 166880

6-19-73

GW 1 4:05 p.m.

Owner William O Rose

Address Box 1127 Cut Bank Mont.

Contractor (if any) George Jensen

Address of Contractor Box 1993

Date Started May 29 1973 Date Completed June 9 1973

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Drilled well

2. Means of withdrawing water (gravity, pump, canal, etc.) Pump

3. Depth of water table 145'

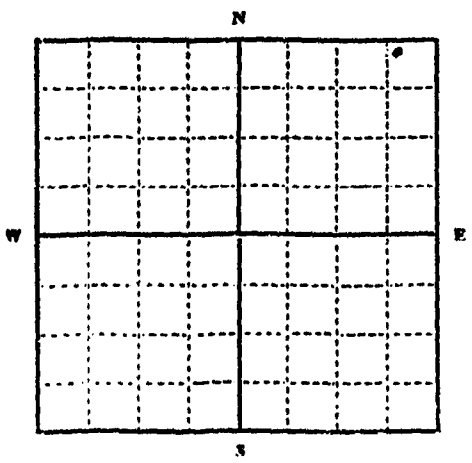
4. Use of the water Livestock & Household

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons Per Minute

6. If used for irrigation, give number of acres and description of land Small garden Plot.

7. Estimate amount of water used each year 2,592,000 gallons

8. Months of year spring flows N/A



NE ¼ ¼ Sec 30

T 33 N/S R 5 E/W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated

Place of use is 1990' straight North.

Signature of Owner William O Rose

Date June 15 1973

56153

#166880

FILED

at 4:05 o'clock P M

6-19 19 73

Mel Thomas

County Clerk and Ex-officio Recorder

GLACIER COUNTY, MONTANA

By C Henderson Deputy

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

Sent on 5/23/72

Owner William A. Rose 59427
Address Box 1127 - Cut Bank, Mt.
Location T. 33N. R. 5W. Sec. 19
Doc. No. 161468

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 ground-water right.

Special Instructions: In reference to the attached form, the Groundwater Code for the State of Montana specifically states: "until a notice of completion is filed with respect to any use of ground water instituted after January 1, 1962, no right to that use of water shall be recognized." Therefore, upon completion of your well a GW-2 form, Notice of Completion of Groundwater Appropriation By Means of Well should be filed.

49,757

6. The proposed date of completion of the well or other means of development

August 14, 1971

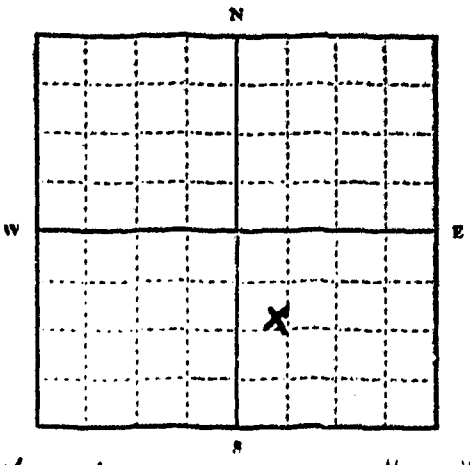
7. The location, type, size and depth of well or wells contemplated

6" hole - 358' deep

8. The probable or estimated depth of the water table or artesian aquifer 135' to 340'

9. Name, address and license number of the driller engaged George Jensen, Box 1993 Cut Bank, Montana Lic. No. 30

10. Give such other similar information as may be useful in carrying out the policy of this act. Hit 1½ gal. per min. @ 135' to 140' drilled down to 358'. Ran pipe to total depth w/perf. on bottom & at 125' to 145'.



S½, NW¼SE¼ Sec. 19 T. 33 N. R. 5 W. R.J.D.
Locate well or other means of development as accurately as possible on the plat.

Doc. No. 161468
Filed for record
this 20 day of September
A. D. 19 71, at 2:45
o'clock P. M.

Signature of Appropriator William A. Rose

Date Sept. 5, 1971

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

49,757

Approved Stock Form—State Publishing Co., Helena, Montana—41336

161468

T..... R.....

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, William O. Rose (Name of Appropriator), of Box 1127 (Address) Cut Bank (Town) County of Glacier, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Livestock & Household purposes
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 3 gallons per minute

4. The annual period (inclusive dates) of intended use Year Round

5. The probable or intended date of first beneficial use August 15, 1971

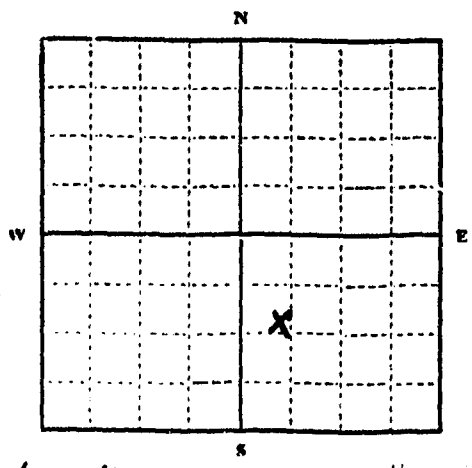
6. The probable or intended date of commencement and completion of the well* or wells* August 14, 1971

7. The location, type, size and depth of well or wells contemplated 6" hole - 358' deep

8. The probable or estimated depth of the water table or artesian aquifier 135' to 340'

9. Name, address and license number of the driller engaged George Jensen, Box 1993 Cut Bank, Montana Lic. No. 30

10. Give such other similar information as may be useful in carrying out the policy of this act. Hit 1½ gal. per min. @ 135' to 140' drilled down to 358'. Ran pipe to total depth w/perf. on bottom & at 125' to 135'.



S½, NW¼SE¼ Sec. 19 T. 33 N. R. 5 W. R.G.D.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator William Olus Rose

Date Sept. 5, 1971

Doc. No. 161468
Filed for record
this 20 day of September
A. D. 19 71, at 2:45
o'clock P M.

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

49,957

161468

FILED

at 2:45 o'clock P. M.

9-20 19 71.

[illegible]

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By [illegible] Deputy

GW 1

File No. .....

T. 32 N R. 8

DUPLICATE

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 1 0 1964
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Newhouse Cattle Co., of Box 997 - Cut Bank
(Name of Appropriator) (Address) (Town)
County of Glacier, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is stockwater at barn + corrals.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 20 gals. per minute

4. The annual period (inclusive dates) of intended use yearly

5. The probable or intended date of first beneficial use Sept 15 - 1964

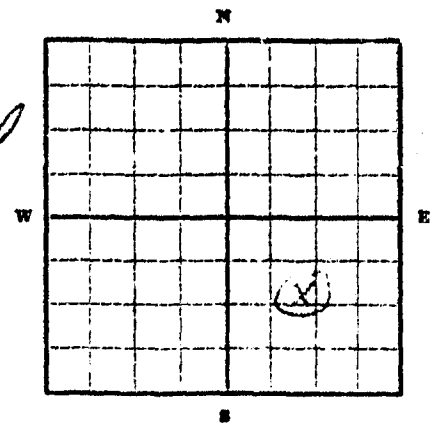
6. The probable or intended date of commencement and completion of the well* or wells* Sept 1 - 1964

7. The location, type, size and depth of well or wells contemplated One well - 8" in dia. 25' deep - oil field casing - pressure pump to be placed on it 32N 8W - Sec 26 - E½

8. The probable or estimated depth of the water table or artesian aquifer 15'

9. Name, address and license number of the driller engaged George Jensen - Cut Bank

10. Give such other similar information as may be useful in carrying out the policy of this act. to replace water well destroyed in flood of June 8 - 1964.



SE ¼ Sec. 26 T. 32 R. 8

Locate well or other means of development as accurately as possible on the plat.

Perhaps this should be permitted as of the date of the destroyed well 9/11/64

Signature of Appropriator Newhouse Cattle Co. by Newhouse (Pres)

Date 9/8/64

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with 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.

38454

141 56

FILED

at 11:45 o'clock A.M.

on 28 1964

M. L. Nassini

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Rita Begg Deputy

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No. _____ T. _____ R. _____

DUPLICATE County. Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Donald E. MacRae and Alice V. MacRae M of Box ~~[illegible]~~, Browning,
(Name of Appropriator) (Address) (Town)
County of Glacier, State of Montana 59417, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is residential use and lawn and garden irrigation on Lot 46 of Duck Lake Estates, Glacier County, Montana.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed.
~~300 miner's inches per minute.~~ 300 gallons per minute.

4. The annual period (inclusive dates) of intended use year around

5. The probable or intended date of first beneficial use forthwith

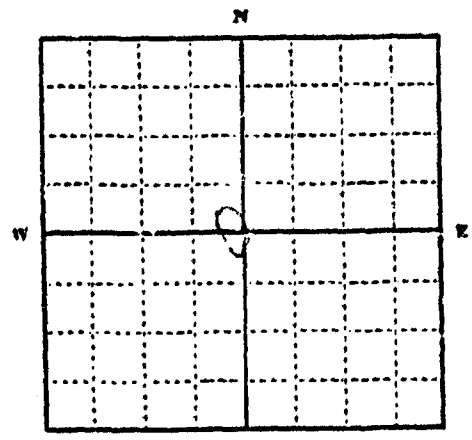
6. The probable or intended date of commencement and completion of the well* or wells*
Well completed October 15, 1967.

7. The location, type, size and depth of well or wells contemplated located on Lot 46 of Section One Duck Lake Estates, being parts of Lots 2, 5, 6, 9, NE¼SW¼ Section 19, Twp. 36 N., R 13W. 12 ft. long culvert 24 inch wide with a surface type electric sump.

8. The probable or estimated depth of the water table or artesian aquifier. about 5 feet.

9. Name, address and license number of the driller engaged None

10. Give such other similar information as may be useful in carrying out the policy of this act. Discovered a spring when digging footings for home foundation. Noticed water coming into hole, so deepened it and sunk a 24 inch steel culvert and placed pumping equipment in place. Spring water is adequate for needs above set forth.



Lot 46 of Section One, Duck Lake Estates, being Part of Lots 2, 5, 6, 9, NE¼SW¼ ____ Sec. 19 T36N. R.13 W.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Donald E. MacRae
Alice V. MacRae

Date March 12, 1968

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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.

43,991

152020

FILED

at 8:35 o'clock M.

3-18 19 68

D L Nerness

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Lorna Lashub Deputy

GW 1

File No. ..... T. 34 N R. 5 W

DUPLICATE

STATE WATER CONSERVATION BOARD
AUG 31 1966

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, George Jensen (Name of Appropriator), of Cut Bank (Address) (Town) County of Glacier, State of Mont, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Domestic Well Farm
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 10 gal

4. The annual period (inclusive dates) of intended use year around

5. The probable or intended date of first beneficial use Sept 25

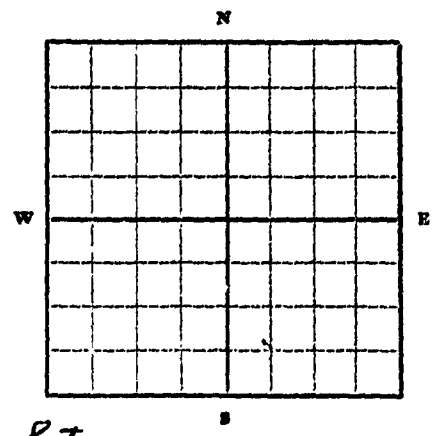
6. The probable or intended date of commencement and completion of the well* or wells* Sept 25

7. The location, type, size and depth of well or wells contemplated Well will be 4" Deep around 195'

8. The probable or estimated depth of the water table or artesian aquifer 175'

9. Name, address and license number of the driller engaged George Jensen #30 Box 1993 Cut Bank

10. Give such other similar information as may be useful in carrying out the policy of this act
Water to be used on my own lot and that is my Son RC Jensen



Lot 3 ¼ Sec. 31 T. 34 N R. 5 W

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator George Jensen

Date Aug 24 66

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with 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.

41,350

147745

FILED

at 9:40 o'clock a M

8-29 19 86

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Donna Lebarde Deputy

3 GW 1 Revised 1969
192 —1500—10/69

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF APPROPRIATION OF GROUNDWATER

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

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, A. N. Gist for Humble Oil & Refining Company (Name of Appropriator), of P. O. Box 120 (Address) Denver, Colorado (Town)

   County of Denver, State of Colorado, intend to appropriate goundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is industrial use (water for drilling exploratory gas well). (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 30 GPM.

   The estimated amount of groundwater to be used annually 4½ million gallons.

4. The annual period (inclusive dates) of intended use August 25, 1970 through November 23, 1970

5. The probable or intended date of first beneficial use August 25, 1970

6. The probable or intended date of commencement and completion of the well* or wells*

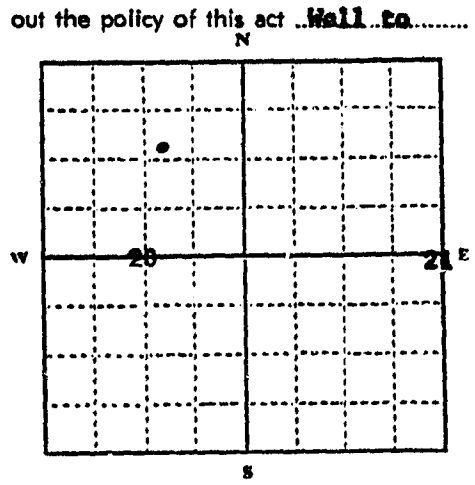
   Commencement August 20, 1970 Completion August 23, 1970

7. The location, type, size and depth of well or wells contemplated NE¼ N½ Irregular Section 20-37N-15W, Glacier County, Montana. Approximate depth 600', 7 7/8" rotary drilled hole, 5 1/2" casing.

8. The probable or estimated depth of the water-table or artesian aquifer Unknown.

9. The name, address, and license number of the driller engaged Commanche Drilling, P. O. Box 246, Kevin, Montana 59454 (Well on industrial site.)

10. Give such other similar information as may be useful in carrying out the policy of this act Well to supply water temporarily until completion of exploratory gas well.



NE ¼ N½ Sec. 20 (Irreg.)

T. 37 N R. 15 W

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

For Administrator's Use

August 26, 1970
File 1:25 P.M.
158335

47848

Signature of Appropriator HUMBLE OIL & REFINING COMPANY BY: A. N. Gist Date August 18, 1970

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

158335

FILED

at 1:00 o'clock P M

8-26 19 70

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Deputy

GW 1 Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. MONTANA WATER RESOURCES BOARD RECEIVED MAR 3 1970 T. R.

DUPLICATE County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, C. A. Durocher (Name of Appropriator), of Box 2203 (Address) Cut Bank (Town) County of Glacier, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is domestic

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 8-10 gallons per minute

4. The annual period (inclusive dates) of intended use 5-6 months per year

5. The probable or intended date of first beneficial use May 15-1969

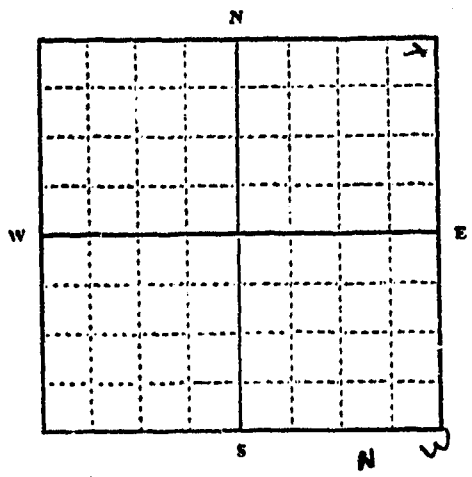
6. The probable or intended date of commencement and completion of the well* or wells* completed

7. The location, type, size and depth of well or wells contemplated N½NE¼ 13-33-7 casing, 30 ft.

8. The probable or estimated depth of the water table or artesian aquifier 15-20 ft.

9. Name, address and license number of the driller engaged Everett H. Peterson, Cut Bank Mont. Lic. #11

10. Give such other similar information as may be useful in carrying out the policy of this act



N½NE¼ Sec. 13 T. 33 R. 7
Locate well or other means of development as accurately as possible on the plat.

Doc. No. 157223
Filed for record this 2 day of March A.D. 1970 at 1:05 o'clock p M.

Signature of Appropriator C. A. Durocher

Date May 9, 1969

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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.

46220

157223

FILED

at 1:25 o'clock P. M.

3-29 1976

M. L. Nadrini

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Rita Hegg Deputy

GW 1

35

File No. .....

T 35 R 10

DUPLICATE

County Glacier

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Ralph A. Bond, (Name of Appropriator) of Box 214 (Address) Browning (Town) County of Glacier, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Watering Livestock

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

Aprox- 5 gal. per. min.

4. The annual period (inclusive dates) of intended use June 1st to Oct-1st

5. The probable or intended date of first beneficial use Sept-25. '62

6. The probable or intended date of commencement and completion of the well* or wells*

Start, Sept, 20th, Completion, Sept, 25th

7. The location, type, size and depth of well or wells contemplated Depth-150'

Size 4½" casing-Type, drilled, Location Sec. 35, T35, R.10

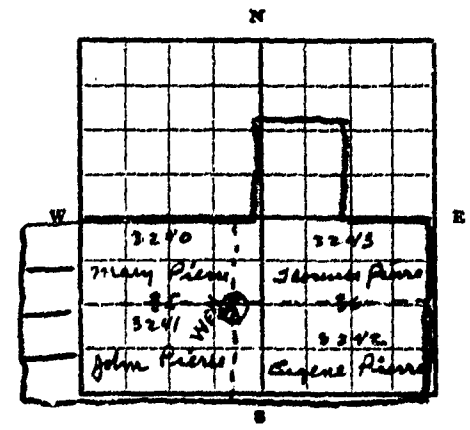
8. The probable or estimated depth of the water table or artesian aquifer 10-2'

9. Name, address and license number of the driller engaged Robert M. Anderson.

201 McAlpine Bld. P.O. Box 636, Cut Bank, Montana.

10. Give such other similar information as may be useful in carrying out the policy of this act

The above information is all I can give -



.....¼ Sec. 35 T 35 R 10

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Ralph Bond.

Date Sept 14, 1962

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

Three copies of this notice are to be filed with 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.

2110

#133367

FILED

at 10:40 o'clock a M.

9-17 1962

M. L. RANINI, County Clerk & Recorder

County Clerk and Ex-officio Recorder of

GLACIER COUNTY, MONTANA

By Dena Lebrto Deputy