Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No._____ T. 32N R. 19 West

DUPLICATE County FLATHEAD

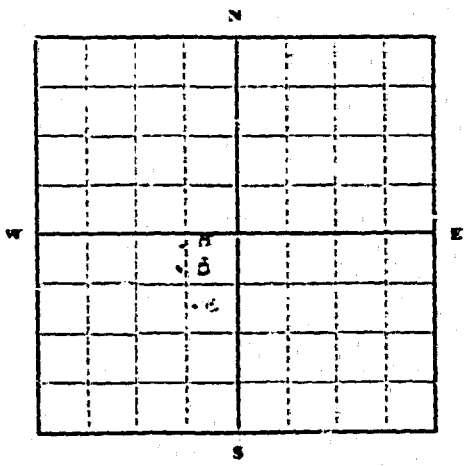
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, James H. Parker & N. R. Kaltfleisch (Name of Appropriator) of Box M (Address) Shelby (Town)
County of Toole State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: Well A- Well B- Well C



NE ¼ SW¼ Sec. 26 T 32N R 19W

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 Well A, B & C irrigation domestic, stock water, agricultural purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior 925 FOR Wells A, B & C

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well A 10 Gallons per minute
Well B. 10 Gallons Per minute
Well C 10 Gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof approx 30 acres in SW¼ of Section 26 32 North, Range 19 West owned by appropriators

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well A, B & C electric pumps all located in the NE¼SW¼ Section 26, Twp 32 N Range 19 West

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior 1925 12 inch culvert on wells A, B & C

8. The depth of water table 10 feet beneath surface on all three wells

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 12 inch culvert about 10 feet rocked at bottom

10. The estimated amount of groundwater withdrawn each year Well A- 5,000,000 gallon
Well B- 5,000,000 gallon Well C 5,000,000 gallon

11. The log of formations encountered in the drilling of each well if available None

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 [signature]

Date 12-30-63

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

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

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

23088

10918

31
63 12

GW 3 Revised 1969
STATE PUBLISHING COMPANY

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 Walt Forman

Address 523 - 4th Ave So.

Great Falls, Mt.

Date well started 11-20-71

completed 11-21-71

For Administrator's Use
File 14,650
13:32 P.M.
GW 1 March 30, 1973

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 50,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8" 7"O.D.	7"O.D. 20#/ft.	0	23	NONE		

N
W E
S

Static water level 9 ft.*
Pumping water level 11 ft.*
at 40 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Driller
for 1 hours.
Power ..... Pump ..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Gravel Packed
Location: West Side of Course

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 Jerome H. Weber

Driller's Address P. O. Box 289-Col. Falls, Mt.

LICENSE NO. 101

RECEIVED

County Flathead

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	2	Top Soil
2	22	Gravel & Sand
22	23	Gravel, Sand & Soft Clay WATER STRATA
23		Fine Grey Sand

23 Show exact depth of bottom

52,799.

14650

STATE OF MONTANA } SS
COUNTY OF FLATHEAD}

Filed on the 3rd day of March
A.D. 1973 at 12 34 o'Clock P M

M T
County Clerk and Recorder

By LLH
Deputy

GW 2 Revised 1969
10/69

County [illegible] 34

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 [illegible]

Address [illegible]

[illegible]

Date well started 11-23-70

completed 11-24-70

For Administrator's Use
File 14,271 April 29 1971 9.50 AM
GW 1

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

Equipment used [illegible] (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 [illegible]

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	7" O.D. 20#/ft.	0	102	[illegible]	[illegible]	

N
W E

LOTS 6
NE ¼ SE ¼ Sec. 34
T. 32 N/S R. 19 E/W

Static water level 92 ft.*
Pumping water level 102 ft.*
at [illegible] gallons per minute,
measured [illegible] minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for [illegible] hours.
Power [illegible] Pump [illegible] 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 [illegible]

Driller's Address [illegible]

[illegible] LICENSE NO. [illegible]

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) 3,400'

From (Feet)	To (Feet)	
0	0	Gravel
0	25	Gravel & Cobbles
25	95	Gravel, Clay, Pebbles
95	102	Gravel, clay, sand
		Water Bearing
102		Clay

102' Show exact depth of bottom

45403

14-271

STATE OF MONTANA
COUNTY OF FLATHEAD } SS

Filed on the 29 day of April
A. D. 19 ..... at 9:50 o'Clock A M

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41973

File No.

T. 32 R. 19W

TRIPLICATE

County Flathead

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 3220)

Gravel & boulders

This formation appeared free of clays and very porous

Lost circulation at 59 feet and was never able to recover. All samples were placed up with the driller.

Encountered water at 74 feet

LOG!

Owner N. Northern Railway Co. Address Salem, Montana

Driller Ernest L. Peterson Address Cut Bank, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Dec. 1, 1969 Date Completed Dec. 10, 1969

Type of well Drilled & driven (dug, driven, bored or drilled) Casing all the way Equipment Used Rotary (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)
8"	8 5/8" O.D. 24 lb.	0	1[illegible]	1/2"	84'	104'
	4" O.D. 0.75 lb. Galv.	0	90	Torch perforated		
Screen set out to 100' including adaptor						

N
W E
S

SW¼E Sec. 35 T 32 R 19W

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

Static Water Level for non-flowing Well 72 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 72 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested air, bailer & pump Length of Test 60 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) Gravel packed

[illegible]

Show exact depth of bottom.

Doc. No. 14144

Filed for record this 11 day of May A. D. 19 70 at 8:23 o'clock A M.

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.

46536

14,144

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 11 day of May
A. D. 19 76 at 8:23 o'Clock a M

Sim
County Clerk and Recorder

By
Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 Jim Jokerst

Address ~~West Glacier~~ P.O. Box 202 ~~Golf Links~~, West Glacier Mont.

Date well started 7-15-72

completed 7-26-72

For Administrator's Use
File #14,569
Dec. 8, 1972 11:15 a.m.
GW 1

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

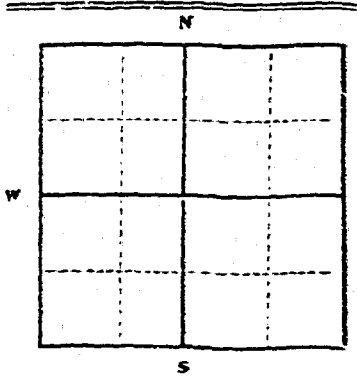
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 75,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8" O.D.	6 5/8" O.D. .250 wall	0	75	None		



Static water level 60 ft.*
Pumping water level 64 ft.*
at 50 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 1 hours.
Power 230 Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Open Bottom

Sec. 35
T. 32 N/S R. 19 E/W

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

Driller's Signature Jerome H. Weber

Driller's Address P.O. Box 929

Col. Falls, Mont. LICENSE NO. 181

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) 3100

From (Feet)	To (Feet)	
0	60	Dry Gravel & Boulders.
60	75	Gravel & sand water strata

75 Show exact depth of bottom

51,989

14,569

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 5th day of Dec
A. D. 19 72 at 11:11 o'Clock A M

M2

County Clerk and Recorder

By DD

Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 Walt Whirry

Address West Glacier

Date well started 9-20-72

completed 9-23-72

For Administrator's Use
File 14,562
Nov. 22, 1972 9:48 am
GW 1

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

Equipment used Churn (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

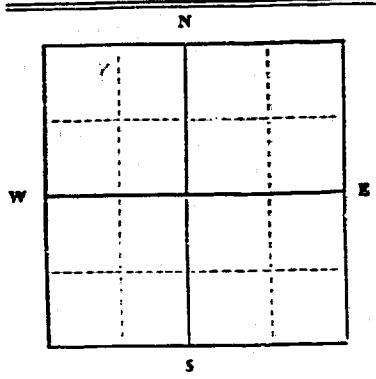
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 200,000 Gal.

Size of Finished Hole	Size and weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8" O.D. .250 wall	0	76	NONE		



Static water level 61'6" ft.*
Pumping water level 62 ft.*
at 60 gallons per minute,
measured 20 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Open Bottom

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 Jerome F. Wilke

Driller's Address P. O. Box 929, Col. Falls, Mont.

LICENSE NO. 181

Flathead

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) ~~3,200~~

From (Feet)	To (Feet)	
0	67	Dry Gravel
67	76	Sand & Gravel
		WATER STRATA

76 Show exact depth of bottom

51,889

14562

STATE OF MONTANA
COUNTY OF FLATHEAD } SS

Filed on the 22 day of Nov
A.D. 19 2 at 1:48 o'Clock P M

County Clerk and Recorder

By

Deputy

File No._____ GW 4 T 32N R 19 W

County_____

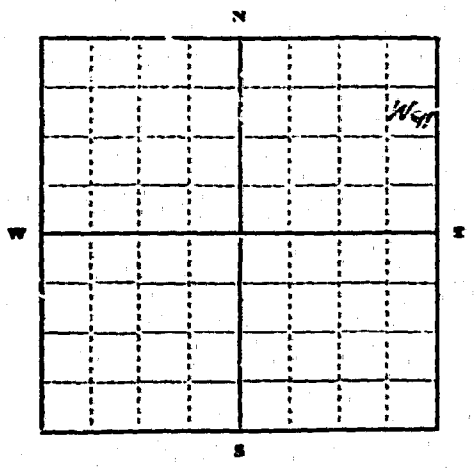
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. West Glacier Mercantile (Name of Appropriator) of West Glacier (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 35 T32N R19W

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 drinking water and general use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 10, 1950

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

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 June 10, 1950

8. The depth of water table 68 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 10 million gallons

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

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

Signature of Owner [signature]
Date 12-22-63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

23175

11605

Deputy

File No._____ GW 4 T. 32 N R. 19 W 35

County_____

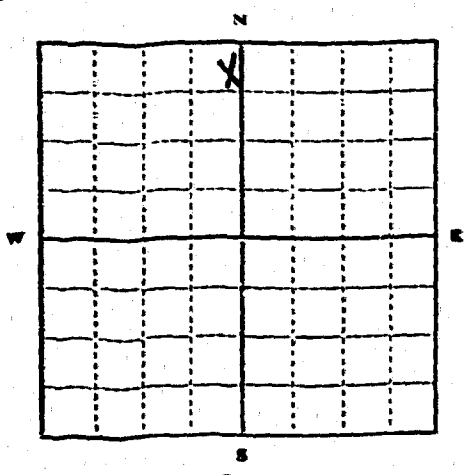
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. River Bend Motel (Name of Appropriator), of West Glacier, Mont. (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



____¼____ Sec. 35 T. 32N R. 19W

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 Drinking and general

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal 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 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 1948

8. The depth of water table 100 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 one million gallons

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

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

Signature of Owner River Bend Motel

Date Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

23176

11006

31 Dec 83

Deputy

GW 2

File No. _____

DUPLICATE

T 32 R 19W 35

County _____

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)

Owner Richard & Sharon Rouse Address Box 186, West Glacier Mont

Driller NOT APPLICABLE Address

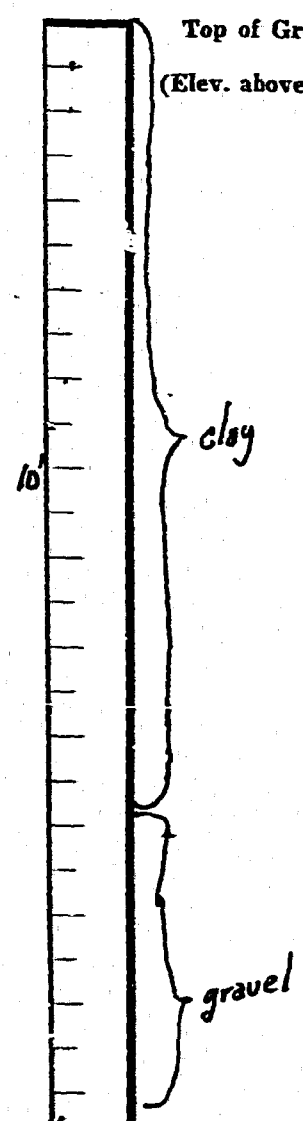
Date of Notice of Appropriation of Groundwater March 15, 1968

Date well started July 22, 1967 Date Completed July 25, 1967

Type of well Dug 15' Driven (dug, driven, bored or drilled) Equipment Used Backhoe - driven (Churn, drill, rotary or other)

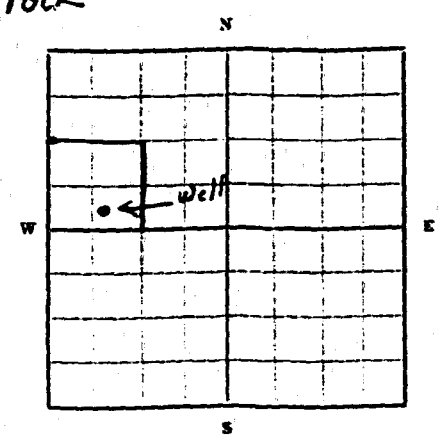
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒ Industrial ☐ Drainage ☐ Other ☐

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.



Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
Driven	2" 60#	10'	25'	5/8"	25'	10'



SW ¼ NW ¼ Sec. 35 T 32N R 19W

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

Static Water Level for non-flowing Well 15' - 20' feet.

Shut-in Pressure for Flowing Well unknown

Pumping Water Level 18' feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well Not tested

How Tested Not applicable Length of Test Not applicable

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) 40 acres irrigated - shut off at well

Driller's License Number Not applicable

Driller's Signature

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

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

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

44,096

13,316

STATE OF MONTANA
COUNTY OF FLATHEAD } SS.

Filed on the 23 day of March
A.D. 1978 at 4 o'Clock P M

S E M
County Clerk and Recorder

By M. S.
Deputy

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 George Henderson and Gonhild Henderson

Address West Glacier, Montana 59936

For Administrator's Use
File 14374 Jan 7, 1972 3:54 P.M.
GW 1

Date well started 11/17/71

completed 11/24/71

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

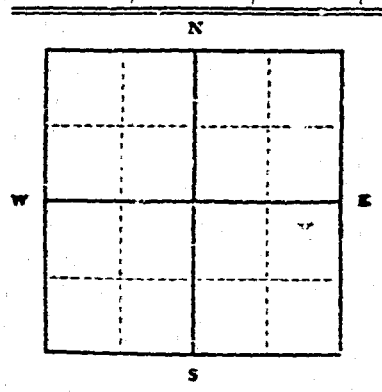
Industrial ☐ Drainage ☐ Other ☒* Garden/Lawn ☒

*Describe Lots plus 2½ acres

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

ESTIMATED ANNUAL WITHDRAWAL 39,420,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD x ¼"	+2'	193'4"	Torch Cut	271'	335'
	6 5/8" OD x ¼"	108'	335'			



NE ¼ SE ¼ Sec. 35
T. 32 N/S R. 19 E/W

Static water level 188 ft.*
Pumping water level 315 ft.*
at 75 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for 3 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from cracks and seams in the rock through perforations in six inch liner (Con't)

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

Driller's Signature [illegible]

Driller's Address 2500 Reserve

Missoula, Montana 59801 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 Approx (Elev. above sea level) 3300'

From (Feet)	To (Feet)	
0	39	Tan clay with gravel mixed in
39	126	Sand and gravel with boulders mixed in
126	158	Tan sandy clay and gravel
158	172	Tan clay
172	190	Gray clay
190	193	Fractured gray rock
193	234	Purple and gray rock in thin alternate layers
234	245	Gray-green rock
245	335	Fractured tan and green rock. Water

335 Show exact depth of bottom

Water rises in well 188' from surface.

49,133

(Con't)

Note: Wells in this area can be 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.

14,374

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 24th day of Jan
A. D. 19 72 at 2:54 o'Clock P. M.

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

(Con't)

Note: Wells in this area can be 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.

14,376

STATE OF MONTANA
COUNTY OF FLATHEAD } SS

Filed on the 26 day of Jan.
A.D. 19 62 at 2:54 o'Clock P.M

County Clerk and Recorder

By ..... Deputy

35

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

JUL 1970
RECEIVED
SUPT. G.N.R.Y.
GREAT FALLS, MONT.

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Great Northern Railway Address Belt, Montana

Location T. 32N R. 19W Sec. ~~25~~ 35 Document No. 14144

___ This is to inform you that your GW form has been received and is complete as filed.

X This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indiate the use of the well: Domestic, Stock, etc.

___ Other.

MONTANA
WATER RESOURCES BOARD
SAM W. MITCHELL BUILDING
HELENA, MONTANA 59601

HELENA, MT
JUL 9
1970
PM
59601

Where Water Flows — Prosperity Grows

Great Northern Railway
Belt, Montana 59412

Should be Belton, Mont.

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No. _____

TRIPLICATE

T 32 R 19W

County Flathead

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 3220)

Gravel & cobbles

Drie formation
Red free of clays
and very porous

Lost circulation at
85 feet and was
never able to
recover.
All samples were
picked up with the
bailer.

Encountered water
at 72 feet

Owner Northern Railway Address Kalispell, Montana

Driller Ernest L. Peterson Address Cut Bank, Mont.

Date of Notice of Appropriation of Groundwater _____

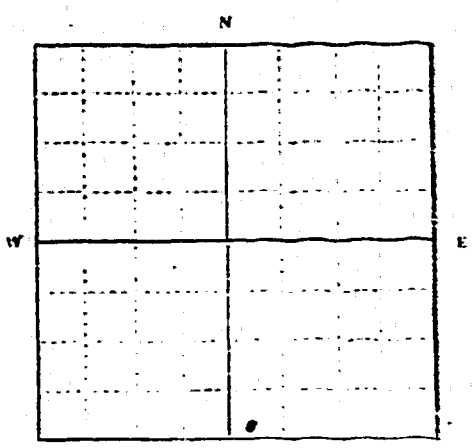
Date well started Dec. 10, 1963 Date Completed Febr. 20, 1964

Type of well Drilled & drove (dug, driven, bored or drilled) Casing all the way Equipment Used Rotary (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)
[illegible]	8 5/8" O.D. 24 lb.	0	104'	Torch perforated	84'	104'
	4" O.D. 6.75 lb. Galv.	0	[illegible]			
Screen set [illegible]				Including adaptor		



S ½ E Sec. 35 T. 32 R. 19W

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

Static Water Level for non-flowing Well _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested air, b[illegible] Length of Test 60 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) [illegible] 8 5/8 [illegible] Center [illegible]

Show exact depth of bottom. 104'

[illegible] 14144

[illegible] 9 [illegible] 8-16

A.D. 19[illegible]

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.

46526

Approved Stock Form—State Publishing Co., Helena, Montana—41975

File No. _____ T. 32 R. 19W

TRIPLICATE

County Flathead

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 3220)

Gravel & boulders

This formation was red free of clays and very porous

Lost circulation at 80 feet and was never able to recover!
All samples were picked up with the bailer.

Encountered water at 74 feet

Owner St. Northern Railway Address Belton, Montana

Driller Forest W. Peterson Address Cut Bank, Mont.

Date of Notice of Appropriation of Groundwater _____

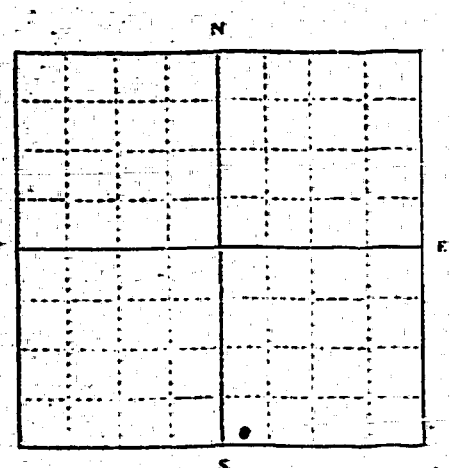
Date well started Feb. 10, 1969 Date Completed Febr. 20, 1969

Type of well Drilled & chrome (dug, driven, bored or drilled) Casing all the way Equipment Used Rotary (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"	6" O.D. 24 lb.	0	1044	1/2" x 6" Torch perforated	844	1044
	4" O.D. 6.75 lb. Galv. screen	0	22			



SW¼E Sec. 35 T. 32 R. 19W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 72 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 80 feet at 30 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested Air, bailer Length of Test 48 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) [illegible]

Show exact depth of bottom. 1444

Driller's License Number _____

This application is filed in the Records of Flathead County this 9 day of June A.D. 19 70 at 8:45 o'clock A.M.

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.

46-526

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Flathead

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 William Myers & Inga Lis Myers

Address West Glacier Mont

Date well started Oct 2-72

completed Oct 9-72

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

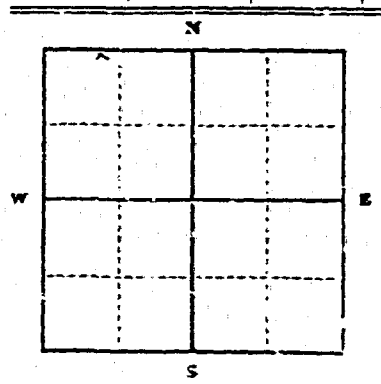
For Administrator's Use	
File	14,547
	Oct. 31, 1972 - 9.50 a.m.
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	6 5/8 17#	Top	83 1/2			

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	26	Boulders & Gravel
26	65	Gravel + Clay
65	84	Sand + Gravel

84 Show exact depth of bottom



NW ¼ NW ¼ Sec. 35
T. 33 N/S R. 19 E/W

Static water level 60 ft.*
Pumping water level 70 ft.*
at 10 gallons per minute,
measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 4 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 Billowers Inc.

Driller's Address Big Fork Mont

LICENSE NO. 5

51,718

14,547

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 31 day of Oct
A.D. 19 72 at 9:50 o'Clock A M

County Clerk and Recorder

By

Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T R

DUPLICATE

County

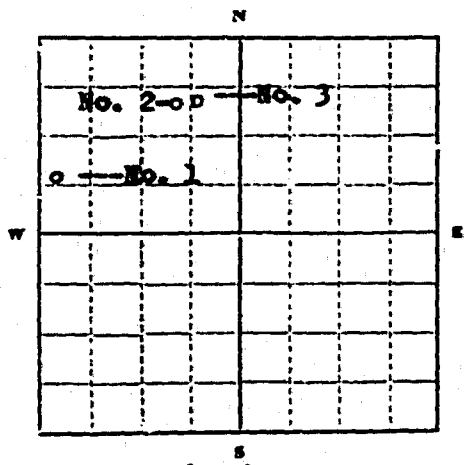
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Great Northern Railway Company (Name of Appropriator) of 175 E. 4th St., St. Paul, Minnesota (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Well No. 1 - SE¼ NW¼ Sec 36 T32 R19
NE ¼ NW¼ Sec. 36 T32 R 19

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 Railroad purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1 - March 8, 1937
Well No. 3 - September 10, 1953 Well No. 2-Sept. 1940
All wells have been in continuous use since completion.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 - 7 GPM Well No. 2 - N/A
Well No. 3 - 4 GPM

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Two wells at Belton; one well at Red Eagle; and one well at Kalispell

Three wells at Belton

(for location of well at Red Eagle and well at Kalispell, see reverse side)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well No. 1 - February 16, 1937 - March 8, 1937
Well No. 3 - Began drilling July 8, 1953, completed September 9, 1953
Well No. 2 - September 1940

8. The depth of water table Well No. 1 - Static level 75' Well No. 3 - 40' to static level
Well No. 2 - Static level 50'

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 Well No. 1 - 8" drilled well, 108' deep, cased 76'
Well No. 2 - 6" drilled well, 86.5' deep, cased 45'

Well No. - 3 6" well, 129' deep, cased to 37'

10. The estimated amount of groundwater withdrawn each year Well No. 1 - 200,000 gal. Well No. -
Well No. 3 - 200,000 gals. 100,000 gals.

11. The log of formations encountered in the drilling of each well if available Well No. 1 - See attached log sheet. Well No. 2 - See attached log sheet.
Well No. 3 - 5' clay, 32' gravel & boulders, 98' very hard rock, 4' broken rock. Also see attached log sheet.

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 N/A

GREAT NORTHERN RAILWAY COMPANY

~~Signature of Owner~~ By: H. M. Rhodes
Division Superintendent of the Kalispell Division
Date

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

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

Triplicate to the Montana Bureau

Answers to questions on front side.

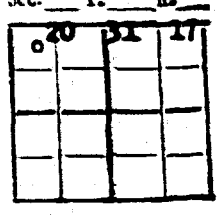
RED EAGLE

3. July 1, 1952 - Continuous use since completion.
4. 40 GPM
7. June 19, 1952 to June 30, 1952
8. Static water level 15'
9. 6" drilled well - 50' deep - cased to 48'
10. 100,000 gallons
11. See attached log sheet

KALISPELL

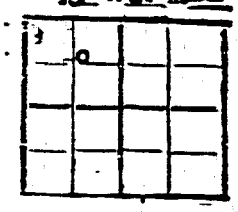
3. October 2, 1959 - Continuous use since completion.
4. 15 GPM
7. September 28,1959 to October 2, 1959
8. Static water level 36'
9. 7" drilled well - 111' deep
10. 150,000 gallons
11. See attached log sheet

NW¼ NW¼ Sec. 20 T. 31 R. 17



Well at Red Eagle

NW¼ NW¼ Sec. 33 T. 28 R. 22



Well at Kalispell

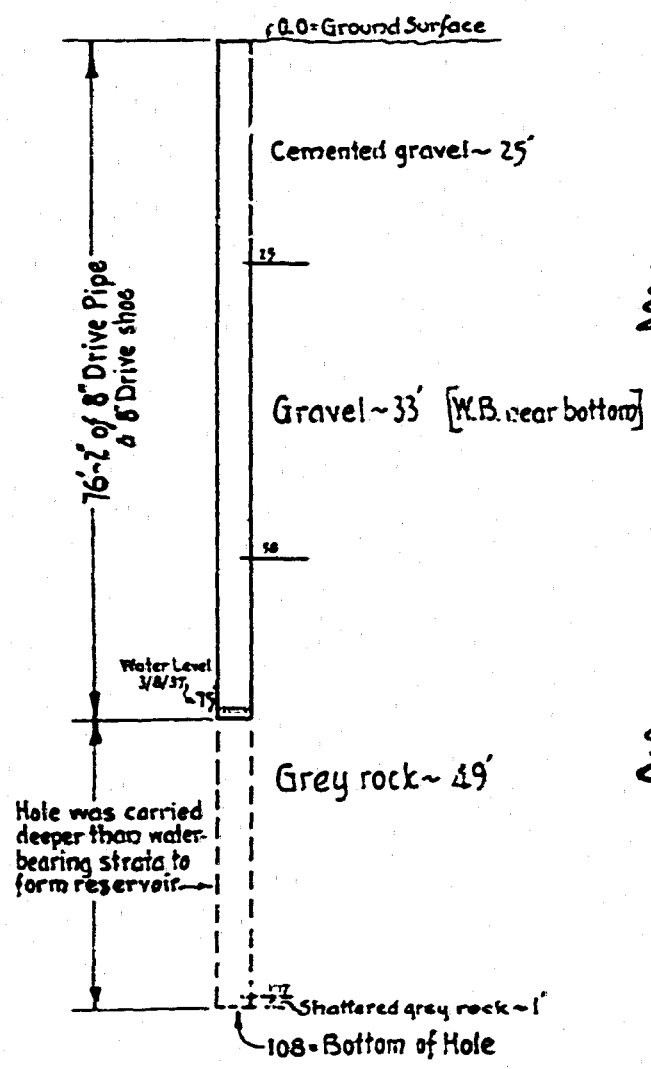
BELTON, Mont.

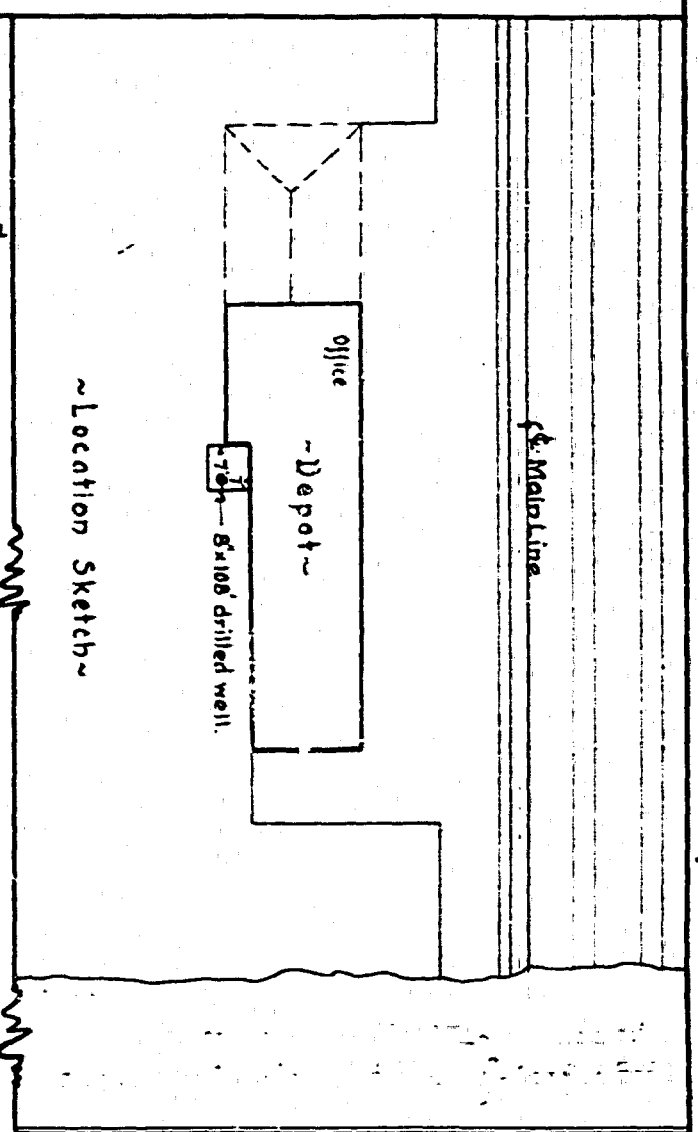
AFE 51988

Log of 8"x108' drilled well put down at Depot by Ry. Co. force & machine. C. M. Wick, driller.

Work began Feb. 16th and finished Mar 8th 1937

Water level was at 75' and lowered to 95' when pumping 74 g.p.m.





~ Analysis of Water from 8"x108' drilled well ~ Apr. 1937

~ In grains per U.S. gallon ~

Total Dis. Solids ~	8.4
" Hardness ~	7.8
Sulphate " ~	.8
Sodium Carbonate	~
Alkali Salts	.6

Engr. Water Service

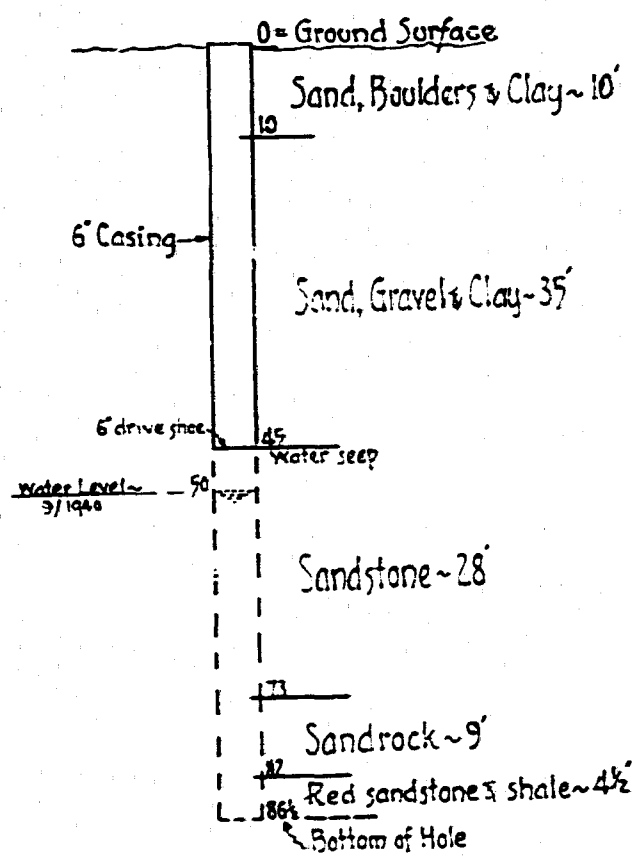
ID-1200-156

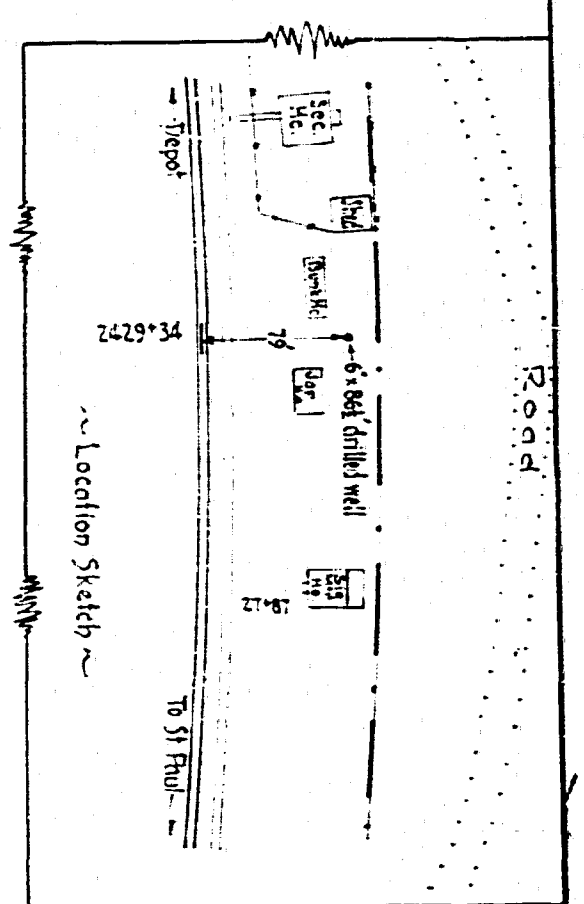
BELTON, Mont.

~ Afe 58436 ~

Log of 6"x 36½' drilled well put down near Sec. No.- for use of Track & Signal Dept employes- by Robert Sheppard, under letter contract # 11645- dated April 24th 1940.

Work performed during Sept. 1940





Engr. Water Service

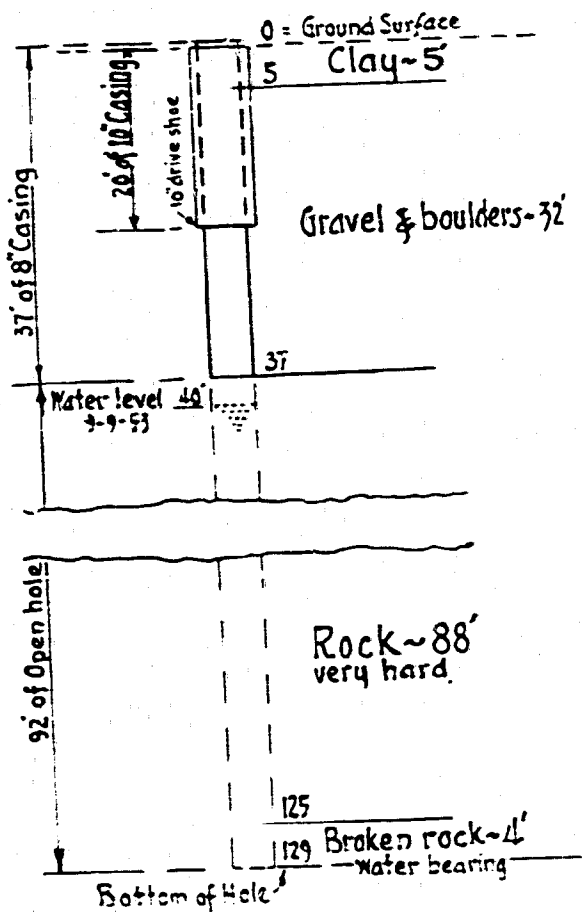
ID-1200-181

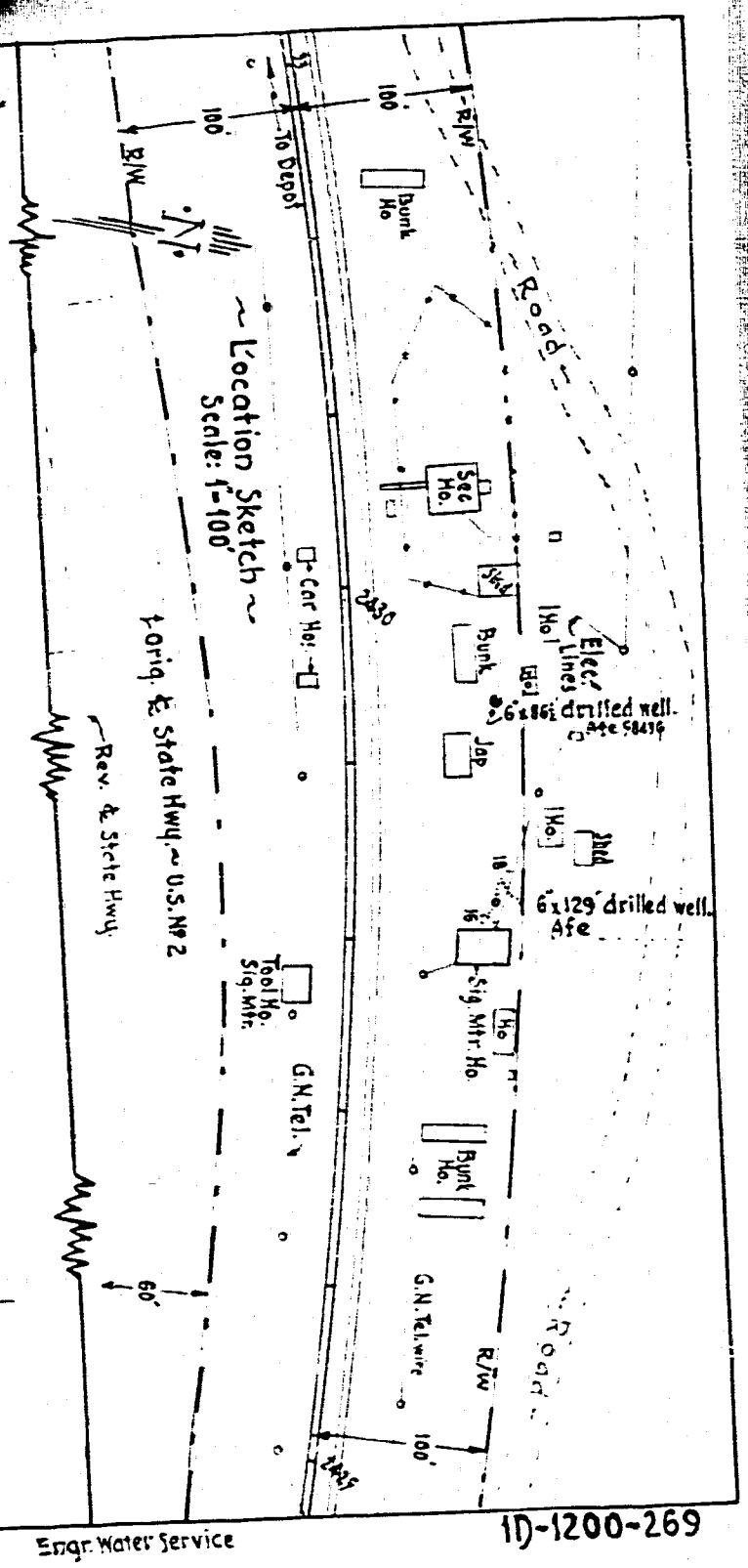
~ Belton, Mont. ~ Afe 84859 ~

Log of 8"x129' drilled well put down near Sig. Mtrs. House by Ry. Co. force & machine.
C.M. Wick, driller.

Water level was at 40' from Surface and lowered very little when pumping 4 g.p.m.

Work began 7-8-53 ~~ Completed 9-9-53





Engr. Water Service

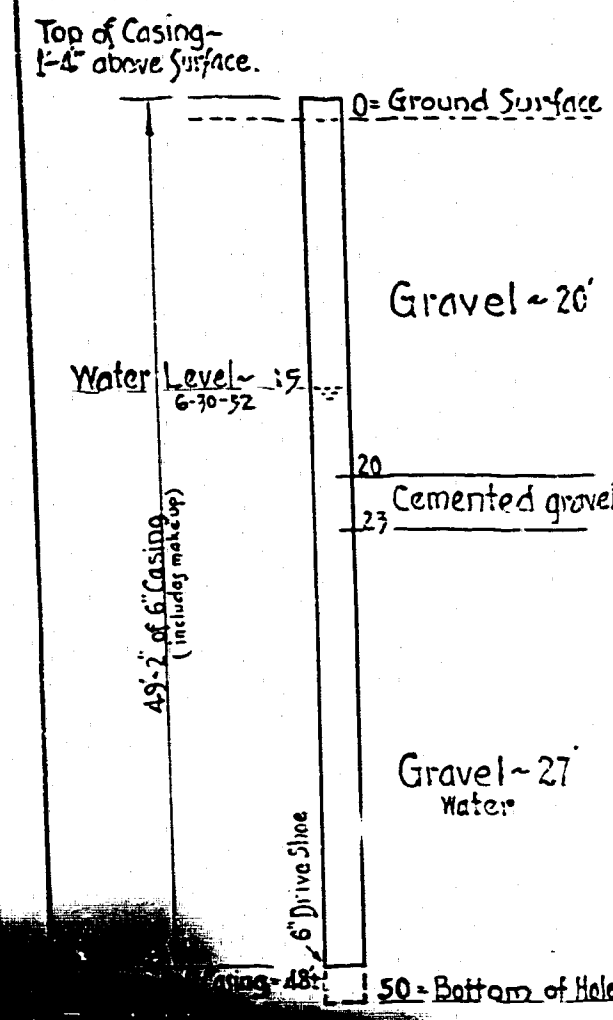
ID-1200-269

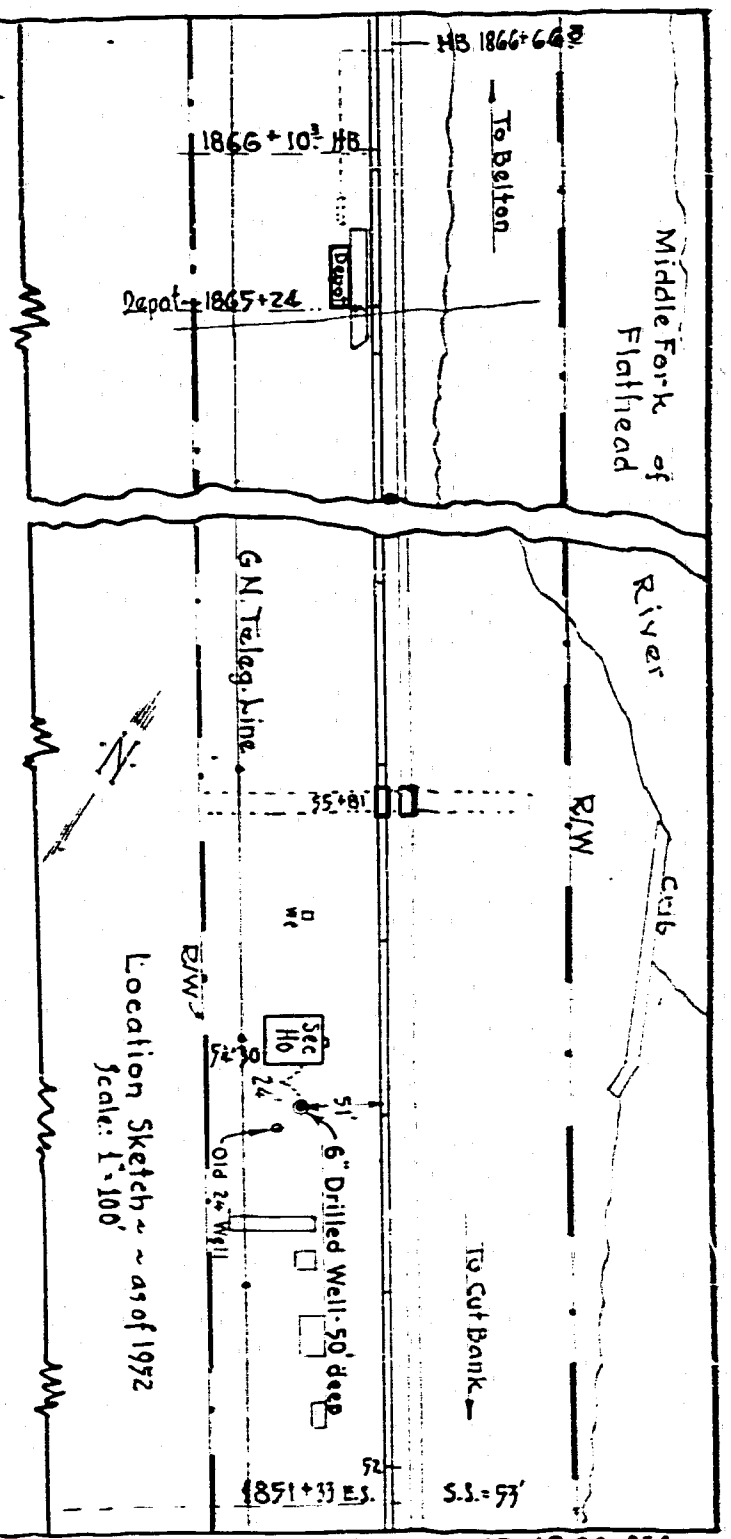
RED EAGLE, Mont.~ Afe

Log of 6"x50' drilled well put down near Sec. No., by Ry. Co. force & machine.~ ~ C.M. Wick, driller.

Water level was at 15' below Surface and did not lower when tested by bailing 40 G.P.M.

Work began 6-19-52.~ ~~ Completed-6-30-52





Engr. Water Service

51 -

ID-1200-236

KALISPE

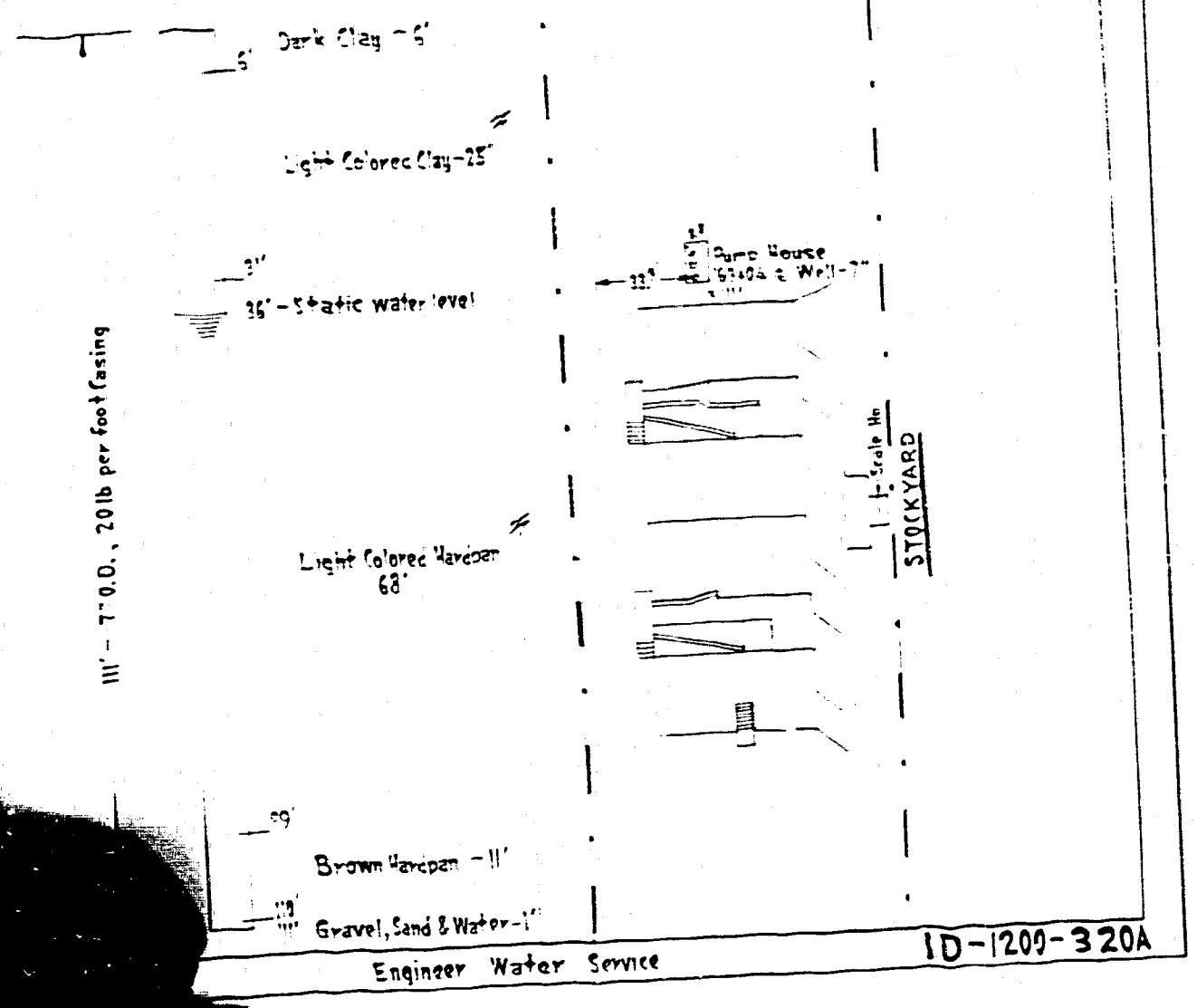
Well drilled [illegible]

Drilling began: September

Drilling completed: October

Water stands at 36" and pu[illegible] 38" when delivering 900 G.P.H.

S.F. 91333



Engineer Water Service

ID-1209-320A

File No. _____ GW 4

T. 32N R. 19W 36

County Flathead

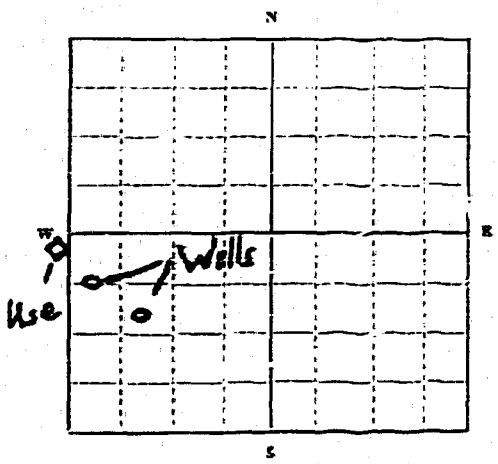
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 7 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I WILBUR A. HALBERG of West Glacier
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec 36 T. 32 R 19

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

2. The beneficial use on which the claim is based Domestic, including small amount of irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 2, 1930 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Tract 100' x 100' in W½W½SW¼, Sec. 36, T. 32 N., R. 19 W. - owned by undersigned

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

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

8. The depth of water table Varies

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 One well is about 8'--other is about 4'

10. The estimated amount of groundwater withdrawn each year Unknown

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

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

Signature of Owner Wilbur A. Halberg

Date August 1, 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.

5287

9819

STATE OF MONTANA } SS
COUNTY OF FLATHEAD

Filed on the 5 day of Aug
A.D. 19 63 at 10 34 o'Clock A M

YEM
County Clerk and Recorder

By LH
Deputy

C

Approved Stock Form—State Publishing Co., Helena, Montana—39789

File No.

DUPLICATE

T 32 N R 19 W
~~31 N R 19 W~~
~~32 N~~ 18 W

County ~~Flathead~~

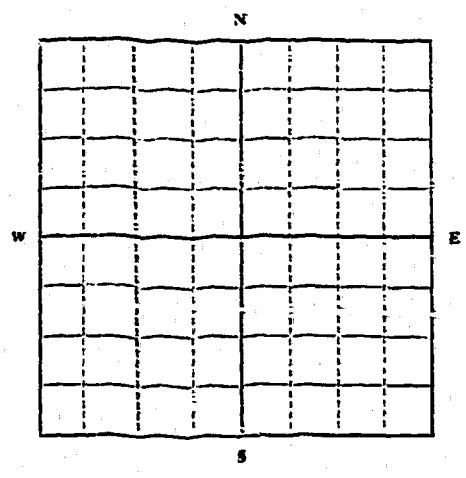
RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Highland Company, Inc. (Name of Appropriator), of 509 First Avenue North (Address) Great Falls (Town)
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼SE¼SW¼ Sec. 36 T 32N R 19 W

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

2. The beneficial use on which the claim is based Use incidental to domestic use, industrial use, irrigation and municipal use. *See reverse.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Initial appropriation made on July 16, 1953; use continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ~~60 gallons per minute approximately.~~

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 Usages made of said water in the lands described on the reverse hereof.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Three wells, located as indicated in accompanying diagram.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction of initial wells completed in July of 1953; improvements, changes in detail, etc. done at intermittent dates since that time as necessary to achieve above water usage.

8. The depth of water table Not precisely known, but not less than 3 feet nor more than 40 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater One well approximately 37 to 39 feet deep, with 8 inch casing. Remaining two wells concrete crib and gravel construction. Water from wells to point of utilization by gravity flow.

10. The estimated amount of groundwater withdrawn each year 30 to 40 million gallons.

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 ~~No other remarks. Continuation of existing water rights, filed in Book 352 of Misc. at Page 291~~

ATTEST:

Bertha Aiken
Bertha Aiken, Secretary.

Highland Company, Inc.
Signature of Owner
By: Robert H. English, President.
Date 8-10-63

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

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

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

23232

Cascade

Robert F. English, s

the Highland Company,

s . is is the President of / Inc.,

president of the appropriator,

/ /

s

to the best of his knowledge and information and that he has executed this instrument on behalf of the said corporation, and acknowledged that such corporation executed the same.

July 63

Great Falls, Montana

3. Utilization of this water has been incidental to mercantile establishments, service stations, houses and living accomodations and motel owned by declarant. There has been irrigation as is incidental and necessary to any and all of the foregoing.

5. Flathead County:

Township Thirty-one (31) North, Range Eighteen (18) West

Section Six (6)

West Half (W½)

Township Thirty-one (31) North, Range Nineteen (19) West

Section One (1)

All

Section Two (2)

East Half (E½)

Township Thirty-two (32) North, Range Nineteen (19) West

Section Thirty-five (35)

Southeast Quarter (SE¼)

Section Thirty-six (36)

South Half (S½).

31

Rec.

1162

GW 2

Doc. No. 14122
Filed for record
this 12 day of March
A.D. 19 70, at 11-
o'clock A M.

File No.

TRIPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—C329

36

T. 32N R. 19W

County. Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner B. R. & Kathleen Luding Address Martin City, Mont.

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 3/2/70 Date completed 3/6/70

Type of well Drilled (Dug, Driven, bored or drilled) Equipment used Air Rotary (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.

LOG

Top of Ground
(Elev. above sea level Approx. 3290±)

Formations Log:

0 - 23 Gravel & boulders mixed in tan clay.
23 - 59 Coarse gravel & cobblestones.
59 - 83 Hard red rock with white quartz in alternate layers.
83 - 85 White quartz.
85 - 117 Red rock & white quartz in alternate layers.
117 - 120 Red, gray, tan, brown & green rock in alternate layers.
120 - 141 Gray-green rock.
141 - 152 Green rock. 6 GPM
152 - 154 Green & brown rock.
154 - 158 Green rock with white quarts in alternate layers.
158 - 221 Green rock. 12 GPM
221 - 232 Tan rock with tan quartz in alternate layers. Total 40 GPM
232 - 236 Gray-green rock.
236 - 250 Red to purple rock.

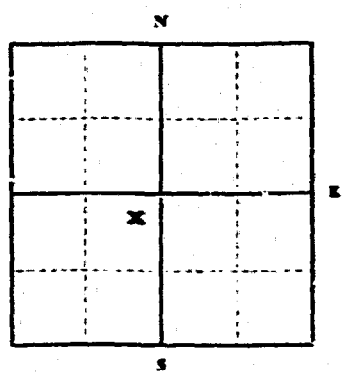
Water rises in the well 61'6" from surface.

Water Analysis
10 gpg Hardness
0.1 ppm Iron

Show exact depth of bottom.

Bottom of well 250'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD x ¼"	1'6"	61	NONE		
6"		80	250			



NE¼SW Sec. 36 T. 32N R. 19W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 61'6" feet.

Shut-in Pressure for Flowing Well Non-f.

Pumping Water Level 167 feet at 40 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from cracks and seams in the rock below 152'. Wells in this area can be depended upon to produce clean 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 70 to (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).

Located on part of Lot 11 adjacent to Hwy #2
Approx. 3½ acres

This form to be prepared by driller, and three copies to be filled 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. Gibson
Driller's Signature

46310

80 percent of the tested capacity of the aquifer.

N 3

File No. .....

T 32 N R 19 W

6

County .....

RECEIVED
JAN 6 1964
STATE ENGINEER

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 1946

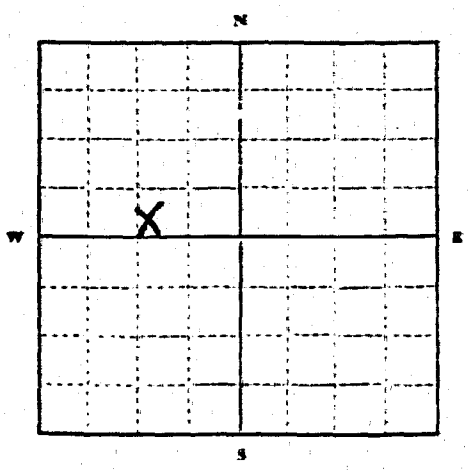
Owner West Glacier Mercantile, Address West Glacier, Mo t.

Contractor (if any) .....

Address of Contractor .....

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

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



¼ Sec 36 T 32N R 19W

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

6 months use seasonally

Signature of Owner By West Glacier Mercantile

Date Dec. 30, 1963

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

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

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

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

23177

11 007

55

631

M

Recorder

Deputy

GROUNDWATER INDEX

County Flathead Twp. 31N Rge. 23W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Elkins, Vera & Edwin	GW3	10529	
2	Elkins, Vera & Edwin	GW3	10528	
3	Lawrence, Wm S.	GW2	12617	
3	Lawrence, Wm S	GW4	9957	
3	Hilgert, Ray	GW2	14309	
4	Bol, L. S.	GW4	9952	
13	Sorenson, Gordon	GW4	10875	
13	Graham, Kenneth	GW2	14684	
13	Sorenson, Gordon	GW3	10880	
24	Knudsen, Boyd	GW4	10745	
24	Calvin, W. E	GW3	13970	
25	Taylor, Jas R.	GW2	14681	
25	Lusi, Archie	GW4	10510	
25	Lusi, Archie	GW2	12638	
25	Evans, Norma	GW4	10298	
26	Mayer, Albert J. & Dorothy B.	GW2	14317	
31	Forest Service	GW2	9844	
35	Thatte, Robert E.	GW2	14489	
36	Hanley, Clifford	GW4	10103	

GW 3

File No.

ORIGINAL

T. 31 N R. 23 W

County Flathead

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

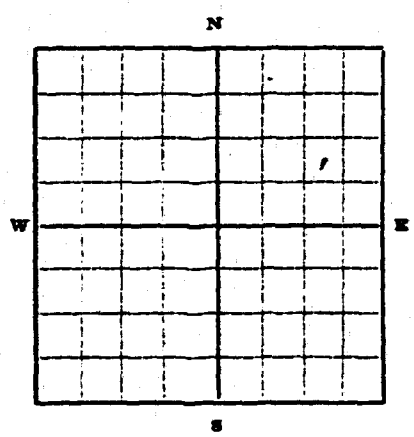
Date of Appropriation of Groundwater 1930's or earlier

Owner VERA & EDWIN ELKINS Address Whitefish

Contractor (if any) NONE

Address of Contractor

Date Started Unknown Date Completed Unknown



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable SPRING - Dug Out - WATER WITHIN ONE foot of SURFACE

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 (1500) FIFTEEN HUNDRED GALLON PER DAY AVERAGE USED FOR STOCK, DEWELLING AND IRRIGATION

SE¼NE Sec. 2 T. 31 R. 23

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

Signature of Owner Edwin C Elkins

Date 30 Dec 1963

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

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

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

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

22707

10529

30 Dec
63 ~~252~~ P
Glenn E Mulhauer
C Keith

GW 3

File No.

ORIGINAL

T 31 N R 23 W

County FLATHEAD

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater UNKNOWN (BEFORE 1951) VERIFIED

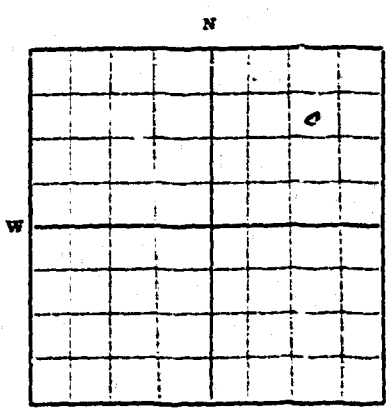
Owner ELKINS Address WHITEFISH

Contractor (if any) UNKNOWN

Address of Contractor

Date Started unknown Date Completed unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable SPRING - Dug out & BOXED - 3 ft to WATER from GRD SURFACE



NE ¼ NE Sec 2 T 31 R 23

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 500 GALLONS PER DAY HOUSE — irrigation

Signature of Owner Edwin C Elkins

Date 30 Dec 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer: Triplicate to the School of Mines and Quadruplicate for the Appropriator.

22706

10528

GW 2 H H NEWS

STATE WATER CONSERVATION BOARD

JAN 10 1967

File No.

DUPLICATE

Sille McDermott
Butte Beaverhead
Coyle Gallatin
Darlington Sullivan
Dist. 41

T 31 R 23

County Flathead

3

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)

Owner Mrs L Lawrence Address Rt 1 Whitefish

Driller Homer McClarty Address 945 8th Ave E

Date of Notice of Appropriation of Groundwater

Date well started Oct 25, 1966 Date Completed Nov 9/66

Type of well Drilled (dug, driven, bored or drilled) Equipment Used 2 2 W Bucyrus Erie (Churn, drill, rotary or other)

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

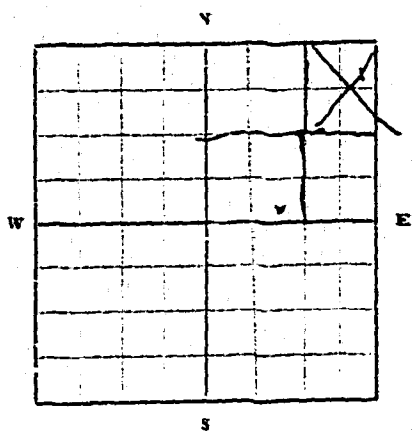
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground (Elev. above sea level 2780)

6" Top soil
Silty Clay
33 ft
Clay + Cobbles
79 ft
Clay
135 ft
Clay + gravel
140 ft
Clay - grit
246 ft
Clay and gravel
262 ft
Clay + gravel
318 ft water seepage
332 ft
Clay, gravel + Rock Water
348 ft

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATION Kind Size	From (Feet)	To (Feet)
7" Old		332 ft				



SW ¼ NE Sec. 3 T 31 R 23

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

Static Water Level for non-flowing Well 70 feet.

Shut-in Pressure for Flowing Well 4 oz. stange

Pumping Water Level 332 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 3 hrs

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

18
Driller's License Number

Homer McClarty
Driller's Signature

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

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

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

41634

12617

STATE OF NEVADA } ss
COUNTY OF CLARK }

Filed on the 8 day of Dec.
A.D. 1966 at 3:40 o'Clock P M

County Clerk and Recorder

By

Fi[redacted]No._____ GW 4 T 31 N R 23 W 3

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

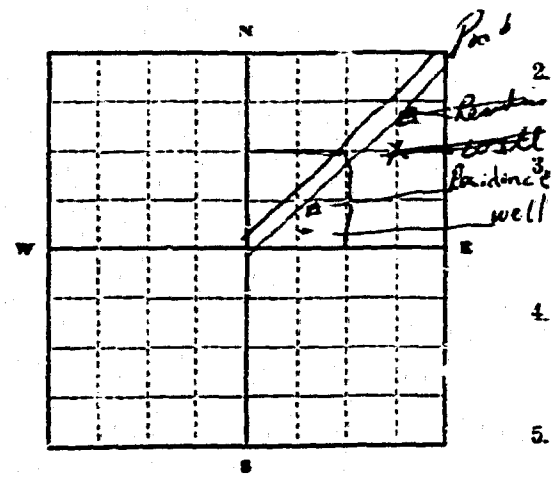
RECEIVED
DEC 10 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

William S. Lawrence & Clara L. Lawrence (Jessie L. Wright) of Whitefish Montana
(Name of Appropriator) (Address) (Town)

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



Less RW T-28
SW¼NE¼ Sec. 3 T. 31 R. 23

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

2. The beneficial use on which the claim is based Residential and all uses relating to garden and lawn, also watering of livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since about June 1, 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 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 Lawn and garden adjacent to and around residence, approximately 3 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well, pump pipe and storage tank

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About June 1, 1952

8. The depth of water table 20 feet -- 1) foot drawdown in well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 6foot by 12 feet, 2 inch pipe, one HP motor pump

10. The estimated amount of groundwater withdrawn each year 365,000 gallons

11. The log of formations encountered in the drilling of each well if available None

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: Jessie L. Wright
Clara L. Lawrence
William S. Lawrence

Date June 15, 1963

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

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

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

8371

9957

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 2 day of Dec
A. D. 1963 at 2:35 o'Clock P M

GEM
County Clerk and Recorder

By DJH
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

21N - 23E

County Flathead

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 Ray Helgert

Address

For Administrator's Use
File 14,309 July 30, 1971 3:47 Pm
GW 1

Date well started June 7, 1971

completed June 21, 1971

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

Equipment used Drill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

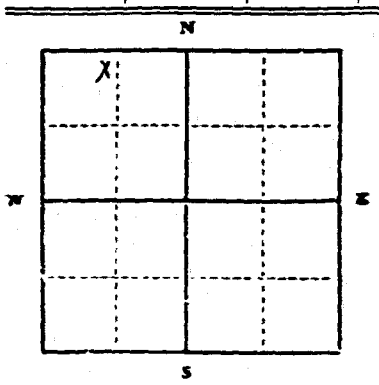
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	7"OD 20#	0	225	X	X	X



NW¼NW¼ Sec. 2
T. 31 N R. 23 E/W

Static water level Overflow ft.*
Pumping water level overflow ft.*
at 15 gallons per minute, measured 360 minutes after pumping began.
*Measured from ground level.
Well developed by Bailing for 5 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 Argyle W. Erickson

Driller's Address Route 3

Kalispell, Montana LICENSE NO. 153

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	3	Clay
3	23	Gravel and Clay
23	26	Clay and Sand
26	198	Glacial Mud
198	217	Sand
		Water Found at 217'
217	225	Sand Aquifer

225 Show exact depth of bottom

4874

P7

14,309

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 30th day of July
A. D. 19 71 at 3:10 Clock P M

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

F No. _____ GW 4

T 31 N R 23 W 4

County Flathead

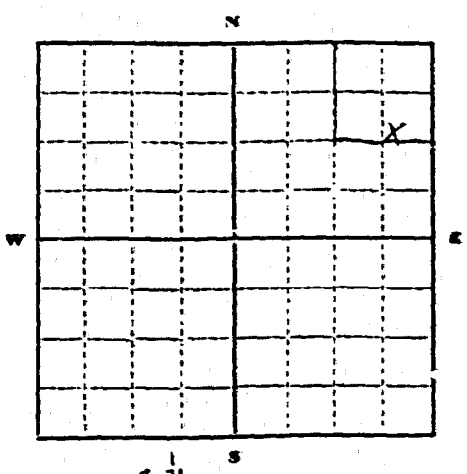
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 10 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I L. S. Doe (Name of Appropriator) of P.O. Box 1 (Address) Whitefish (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. ¼ of N.E. ¼ Sec. 4 T. 31 R. 23

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

2. The beneficial use on which the claim is based House use, watering of flowers, garden and berry patch

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940. Continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon

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
½ acre of N.E. ¼ of N.E. ¼ Sec. 4 T. 31 R. 23
Owner L. S. Doe

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cistern pump, rotary pump, rope, pulley and bucket. Located central southern part of the 40

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater First well 1940, second 1942, third 1944

8. The depth of water table First well 3½ to 7 ft, second 8 to 10½, third 3½ to 7

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 First well dug to 7½ ft, with 3½ x 3 ft curbing and well dug to 11 ft. 1¼ inch pipe + sand point. Third well dug to 8 ft with 3 x 3½ ft curbing.

10. The estimated amount of groundwater withdrawn each year 248,000 gallons

11. The log of formations encountered in the drilling of each well if available Topsoil 6 to 18 inches. Then sand, gravel and stones mixture, stones getting a bit larger three or four feet down. At bottom blue clay with the stones.

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 [illegible]

Date [illegible]

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.

6366

9952

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 27 day of Nov
A. D. 19 63 at 2:16 o'Clock P M

G. L. M.
County Clerk and Recorder

By D. D. H.
Deputy

File No. _____ GW 4 T. 31 N R. 23 W

County Flathead

RECEIVED JAN 6 1964 STATE ENGINEER

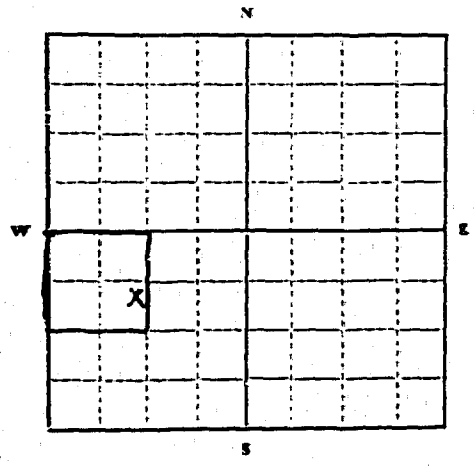
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gordon Sorenson of Rt. 1 Whitefish
(Name of Appropriator) (Address) (Town)

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



NW ¼ SW ¼ Sec. 13 T. 31 N R. 23

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

2. The beneficial use on which the claim is based household, livestock & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn & garden 1 acre
Gordon Sorenson

6. The means of witndrawing such water from the ground and the location of each well or other means of withdrawal
Fairbanks Morris 1 H.P. Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May - June 1956

8. The depth of water table 10 to 20 ft. from top of casing

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - 2" casing 80 ft.

10. The estimated amount of groundwater withdrawn each year 3,942,000 gal per year

11. The log of formations encountered in the drilling of each well if available 50 ft. clay
30 ft. clay and rock water in gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not applicable

Signature of Owner Gordon Sorenson

Date Dec. 30, 1963

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

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

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

23048

10875

State of Utah } ss

Filed on the 31 day of Dec

A.D. 1963 at 12:35 o'clock P.M.

[illegible]

County Clerk and Recorder

[illegible]

Deputy

GW2 H H NEWS

RECEIVED

13

T 31 R 23

F. No.

County Flathead

TRIPLICATE

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 to 16 ft Silt
16 to 17 ft
waterbearing gravel
and sand.

Owner Kenneth Graham Address Olney Mont.

Driller Olsen & Justus Address Col. Falls Mont.

Date of Notice of Appropriation of Groundwater None filed

Date well started Nov 4-65 Date Completed Nov 5-65

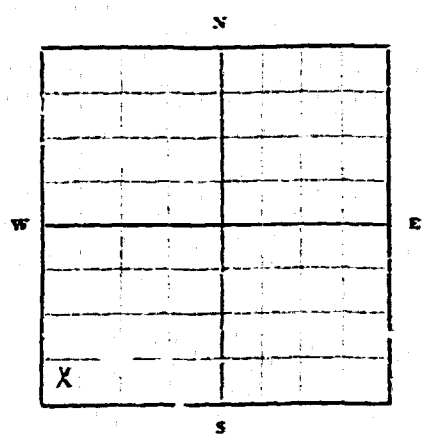
Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn (Churn, drill, rotary or other)

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

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

Doc 14,684
File
this 11th day of March
A.D. 1973 at 3:10
o'clock P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 3/8	4" OD 23 lb per ft.	0	71	none		



SW 1/4 SE 1/4 Sec. 3 T 31 R 23

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

Static Water Level for non-flowing Well 37 feet.

Shut-in Pressure for Flowing Well non-flowing

Pumping Water Level 40 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 1 hr.

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

Show exact depth of bottom.

No 55
Driller's License Number

Olsen & Justus
By George D. Justus
Driller's Signature

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

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

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

53 53

14,684

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 11 day of May
A. D. 19 73 at 3:10 o'Clock p M

MT
County Clerk and Recorder

By LLW
Deputy

GW3

File No.

ORIGINAL

T. 31 N R. 23 W

County Flathead

RECEIVED JAN 6 1964 STATE ENGINEER

13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 3, 1962

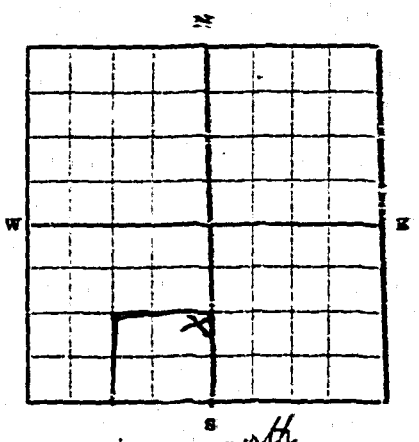
Owner Gordon Sorenson Address Whitefish Mt.

Contractor (if any) not any

Address of Contractor

Date Started May 3, 63 Date Completed May 3, 63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Water is used for drinking water for cattle, 25 to 50 head of cattle Spring water



SE¼ SW¼ Sec 13 north T 31 R 23 west

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 800 gal. a day watering cattle year around

Signature of Owner Gordon Sorenson

Date Dec. 30, 1963

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

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

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

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

23019