

774 215187

I received and filed this instrument for
record on the 20th day of Dec 1963
at 7:30th clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
WALTER S. BIRNBAUM County Recorder
By *Walter S. Birnbaum* Deputy
Fee \$ 2.00 Paid

File No.

T. 15 R. 22

DUPLICATE

MONTANA WATER RESOURCES BOARD RECEIVED

County Missoula

LOG MAR 23 1971

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD



- Top of Ground (Elev. above sea level.....)
- 0- 5 Gravel and clay
- 5 Static water level
- 5-28 Clay
- 28-29 Broken rock and water
- 29 Exact depth of bottom

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

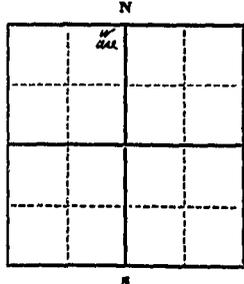
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Emmett or Evelyn Gilbert Address Huson, Montana
 Driller C.K.C. Drilling Address Box 670, Missoula
 Date of Notice of appropriation of groundwater.....
 Date well started August 18, 1970 Date completed August 25, 1970
 Type of well Drilled Equipment used Churn drill
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 17# | 1 up | 29 | ---- | ---- | ---- |

Doc. No. 300495
 Filed for record this 18 day of MARCH A. D. 19 71, at 1:35 o'clock P.M.



Static Water Level for non-flowing well 5 feet.
 Shut-in Pressure for Flowing Well
 Pumping Water Level 15 feet
 at 15 gal. per minute.
 Discharge in gal. per min. of flowing well
 How Tested Test pump
 Length of Test 2 hours
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

N 1/4 Sec 20 T. 15 N. R. 22 W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Show exact depth of bottom.

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

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

185
 Driller's License Number
Charles J. Hollenstetter
 Driller's Signature.

48245

2100

300495

I received and filed this instrument for record on the 18 day of March 1971 at 1:35 o'clock P.M., permanent files of Missoula County State of Montana
 Witness my hand
 Veronique R. Cyrase, County Recorder
 By [Signature] Deputy
 Fee 5.20.00 Paid [Signature]

Approved by _____
 V. D. 18 _____
 Filed for Record _____
 Doc. No. _____

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

How Lately Used _____
 Disposition in last 12 months of books and _____
 up to _____
 Number of pages _____
 Special Inspection _____

MISSOULA COUNTY
 VERONIQUE R. CYRASE
 COUNTY RECORDER
 100 WEST 10TH AVENUE
 MISSOULA, MONTANA 59701

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No. _____

T. 15 R. 22

DUPLICATE

County Missoula

LOG

RECEIVED
MAR 23 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

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

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

0-63 Gravel and clay

63-67 Broken rock and
yellow clay
(water comes in
at 63')

67 Exact depth of
bottom

Owner Emmett or Evelyn Gilbert Address Huson, Montana

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

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

Date well started Oct. 15, 1970 Date completed Oct. 19, 1970

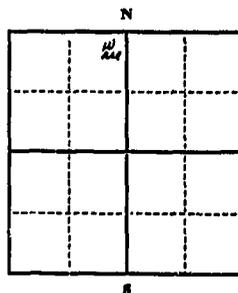
Type of well Drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 17# | 1 up | 61 | --- | --- | --- |
| 6" | 5" 14# | 61 | 67 | Burred 1/8x4 | 61 | 67 |

Doc. No. 300494
Filed for record
this 18 day of MARCH A. D. 19 71, at 1:30 o'clock P.M.



Static Water Level for non-flowing well 59 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level..... 59 feet

at..... 10 gal. per minute.
Discharge in gal. per min. of flowing well

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

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

NW 1/4 Sec 20 T. 15 N. R. 22 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

185
Driller's License Number

Charles J. Hollister
Driller's Signature.

48244

2849 - 300474

Received and filed this instrument for record on the 13th day of March 1971 at 1:30 o'clock P.M. permanent files of Missoula County, State of Montana. Witness my hand. Veronique B. Crouse, County Recorder By Timothy C. Crouse, Deputy Fee \$ 2.00 Handwritten

Office of the County Clerk
V. D. 18
Date of
Filed for recording
Doc. No.

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
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| | | | | | |
| | | | | | |

APPROPRIATE TO STATE
RECORDS DEPARTMENT TO BE MAINTAINED
IN THE STATE ARCHIVES
AND TO BE AVAILABLE TO THE PUBLIC
BY THE STATE ARCHIVES
AND TO BE AVAILABLE TO THE PUBLIC
BY THE STATE ARCHIVES

Helena, Montana
County of Lewis & Clark
State of Montana
1971

2557

334246

I received and filed this Instrument for
record on the 25 day of June 19 33
at 10:35 o'clock A. M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Head, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid

GW

MONTANA WATER RESOURCES BOARD

File No. _____

RECEIVED

T. 15N. R. 22W. 20

DUPLICATE

MAR 20 1970

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

0
29'
29'
42'
42'
50'
50'
75'
75'
85'
85'
122'
122'
128'
128'
130'
130'
134'
134'
135'

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

Notice of Completion of Groundwater
Appropriation by Means of Well

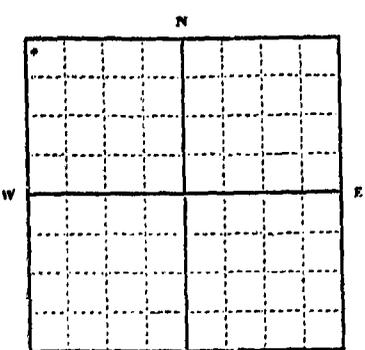
(Under Chapter 237, Montana Session Laws, 1961)

Sand & Gravel
Sand & Water
Blue Clay
Gray Silt & Water
Blue Clay
Green Sand & Water
Blue Clay
Red Clay
Brown Sand & Water
Coarse Sand Pea Gravel Water

Owner Donald C. Macy Address Five Mile
Driller John Farrell Address Arlee Mont
Date of Notice of Appropriation of Groundwater.....
Date well started March 9 1967 Date Completed March 20 1967
Type of well Drilled Equipment Used Churn Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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 | From (Feet) | To (Feet) |
| 5" | (5") 2 1/2" | 0 | 135' | | | |



N. 1/4 Sec. 20. T. 15N. R. 22W.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well..... 3 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level..... 7 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well.....
How Tested..... PUMP Length of Test..... 1 1/2 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).....

Show exact depth of bottom. No. 289451
Filed for record
this 16 day of March
A. D. 19 70, at 1:30
o'clock P. M.

14
Driller's License Number
John Farrell
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.

46261

964

289451

I received and used this instrument for
received on the 16th day of March 1970
at 1:30 about P.M. purchase the
at Miami City Court Clerk's Office
of Miami City Court
Witness: J. J. [unclear] [unclear]
J. M. Conroy
\$2.00

.C.

File No. _____

T 15 R 22

DUPLICATE

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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



Top of Ground
(Elev. above sea level _____)

33' Clay
37' Heaving sand & Water
60' Clay
105' Silty Clay
130' Fine Sand & Water
133' Water & gravel

Owner Ray E. R. Yeader Address Nine Mile Creek

Driller John Farrell Address Arlee Mont

Date of Notice of appropriation of groundwater _____

Date well started March 17 1970 Date completed March 21 1970

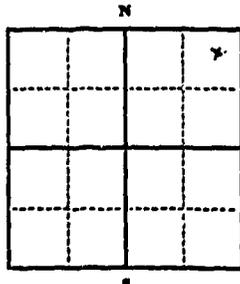
Type of well Drilled Equipment used Churn Drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind | From (Feet) | To (Feet) |
| 6" | 6" 17# | 0 | 133 | | | |

Doc. No. 290642
Filed for record
this 24 day of April
A. D. 19 70, at 10:20
o'clock a.M.



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet

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

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test 1 Hour

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

NE 1/4 Sec 20, T. 15, R. 22

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

(Continue on reverse side)

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

133' Show exact depth of bottom.

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

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

Driller's License Number 24

Driller's Signature John Farrell
46895

2951

29-642

I received and filed this instrument for
 record on the 29 day of April, 1970
 at 10:20 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand
 Vermon A. Copps, County Recorder
 By [Signature] Deputy
 Fee \$ 2.00 Paid

MONTELLA WATER RESOURCES BOARD
RECEIVED

APR 29 1970

File No _____

STATE WATER CONSERVATION BOARD

T. 15N R. 22W 21

DUPLICATE

JAN 20 1967

County Missoula

LOG STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

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

(Under Chapter 237, Montana Session Laws, 1961)

Nancy F. &/or

Owner Hal E. ANDERSON Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater. None filed

Date well started 5/19/65 Date completed 5/19/65

Type of well Drilled Equipment used Rotary Cable Tools (Churn drill, rotary or other)

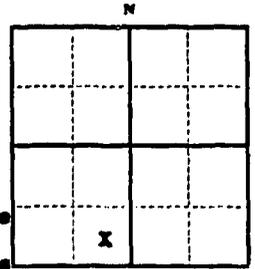
Water use: Domestic [x] Municipal [] Stock [x] Irrigation [x] Industrial [] Drainage [] Other []

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.

Formations Log:

- 0 - 18 Tan silty clay with some gravel mixed in.
18 - 42 Tan silty clay.
42 - 44 Fine brown sand. Some silty water.
44 - 67 Gray silty clay with a few scattered gravels, mixed in.
67 - 70 Fine gray sand. Very silty. Water 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.
70 - 108 Gray silty clay.
108 - 110 Gravel imbedded in brown clay.
110 - 112 Fine brown sand. Some silty water.
112 - 136 Broken green and gray rock. Tan silty clay in cracks and seams.
136 - 143 Gray rock. Gray clay in cracks and seams.
143 - 155 Brown and gray rock in thin alternate layers. Gray clay in cracks and seams.
155 - 530 Dark gray rock. Water in cracks and seams at 215 to 232 & 345 to 440. Picked up next water at 440'.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static Water Level for non-flowing well 18 feet. Shut-in Pressure for Flowing Well Non-F. Pumping Water Level 357 feet at 2% gal. per minute. Discharge in gal. per min. of flowing well Non-flowing

How Tested Pump Test Length of Test Four hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) A 4 1/2 inch OD liner is set from 171'8" to 493 feet. Liner is perforated from 221 to 235 and from 422 to 447. Top of liner is

Sec. 21, T. 15N, R. 22W. Indicate location of well and place of use, if possible. Each small square represents 40 acres. belled out to snugly fit walls of rock hole in order to facilitate installation of pump without damaging pump or cable. A12 (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). Ten Acres

Water rises in the well 18 feet from surface.

Show exact depth of bottom. Bottom of hole 530'

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

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

Driller's License Number 52 Driller's Signature William F. Osborne 1/26/66

1677

257268 Copy

I received and filed this instrument for record on the 29 day of June, 1967 at 3:30 o'clock P.M., permanent files of Missoula County, State of Montana. Witness my hand:
 Vergnac R. Cronan, County Recorder
 By Allen J. Mauer, Deputy
 Fee \$ 2.00 Paid

water entering well through perforations in liner.

| | | | |
|-----|-----|-----|-----|
| 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 |
| 100 | 100 | 100 | 100 |

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Diaphragm in well below depth of perforation and
 pump has injured
 pump
 pump
 pump

MISSOULA COUNTY
 RECORDERS OFFICE
 100 N. 1ST ST.
 MISSOULA, MONTANA

File No. _____

T. 15 N. R. 22W. 21

DUPLICATE

MONTANA WATER RESOURCES BOARD

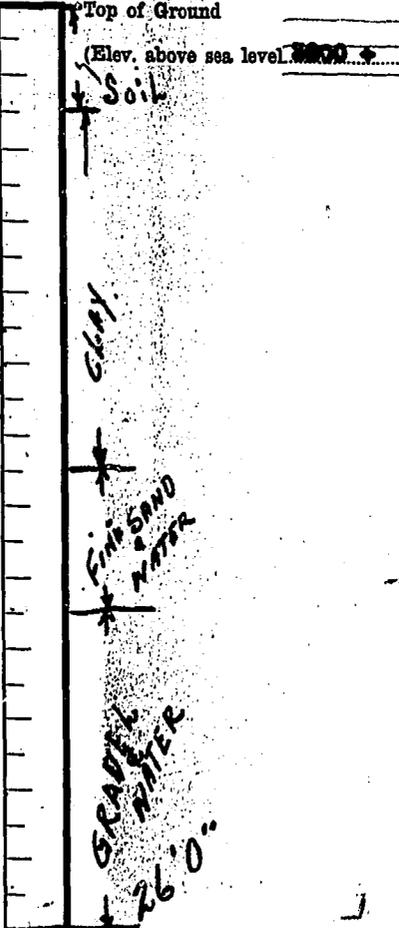
RECEIVED

County Missoula

LOG

JUN 17 1969

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, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frank O. Fisher Address Butte, Montana

Driller Same. Address _____

Date of Notice of appropriation of groundwater June 6, 1968

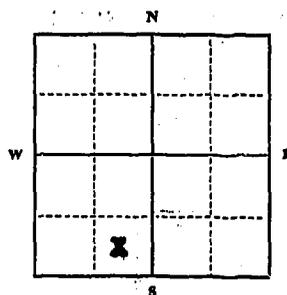
Date well started Oct. 15, 1968 Date completed Oct. 25, 1968

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 4 in. | 4 inch | 0. | 26 ft. | 1/4" | 20 ft. | 26 ft. |



Static Water Level for non-flowing well 16 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 14 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Constant Pumping

Length of Test 4 hours.

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

S.E. 1/4 of Sec. 21 T. 15N. R. 22W

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

Place of residence, as platted by survey, recorded in Missoula County.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number _____

Driller's Signature _____

45, 334

1901 282132

received and filed this instrument for record on the 13 day of June 1909 at 4 o'clock P.M. (permanent files of Missoula County, State of Montana) Witness my hand: Vermae R. Crouse, County Recorder By Wm. C. Conroy Deputy Fee \$ 2.00

Handwritten notes and signatures, including "J.P.O." and "B.C. M. H. A."

| | | | |
|--|--|--|---|
| | | | |
| | | | X |
| | | | |
| | | | |

From record of Justice
Conroy
80
Investigate in case of...

RECEIVED

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 20 1972
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Leland R. St. John
Address Nine Mile Road
Huson, Montana
Date well started Sept. 8, 1972
completed Sept 14, 1972

| |
|---|
| For Administrator's Use # <u>2373, 324625</u> <u>Nov. 16, 1972 8:30am</u> GW 1 |
|---|

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

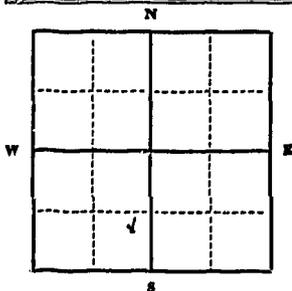
Equipment used Churn drill
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL 2,000,000 gallons.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6" 17# | 1 up | 48 | --- | --- | --- |



Static water level 37 ft.*
Pumping water level 67 ft.*
at 6 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 4 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

E 1/2 SW 1/4 Sec. 21
T. 15 N. R. 22 W

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

Driller's Signature Charles Hallaster

Driller's Address C.E.C. Drilling, P.O. Box 670,
Missoula, Montana LICENSE NO. 185

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|-----------|--------------------------|
| From (Feet) | To (Feet) | |
| 0 | | Clay |
| 6 | 6 | Clay and gravel |
| 23 | 23 | Rock with seams of clay |
| 63 | 63 | Rock with seams of water |
| 67 | 67 | Rock |
| 70 | | |

70' Show exact depth of bottom

51,854

2373

324675

I received and filed this instrument for
record on the 16 day of Nov. 19 72
at 9:30 clock A.M. permanent file
of Missoula County, State of Montana
Witness my hand
Veronica R. Cruse, County Recorder
By Martha A. Reed, Deputy
Fee \$ 3.00 Paid cash

File No. _____ OCT 20 1965

T. 15^N R. 22^W J3

DUPLICATE

Billie _____ McDermott _____
 Butcher _____ McNulty _____
 Coyle _____ Morton _____
 Darlington _____ Sullivan _____

County Missoula

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Groundwater _____
 (Elev. above sea level _____)
 0 to 4' Top soil
 4' to 30' Clay
 30' to 36' Water & Gravel
 (approx 10 G.P.M.)
 36' to 40' Sand, gravel
 & clay
 40' to 46' Sand
 46' to 52' Gravel
 52' to 54' 9" gravel
 sand & water
 54' 9" to 64' gravel,
 sand & small amount of
 water.
 64' to 65' gravel &
 water

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner John E. Crvill Address 6 mile rd

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

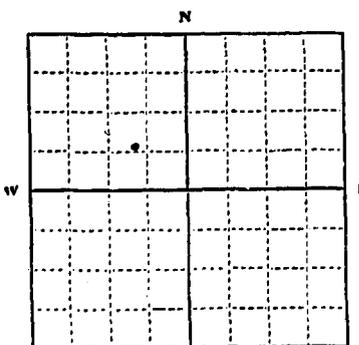
Date well started 9/8/65 Date Completed 9/11/65

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

Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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" I.D. 17# casing | 2' above G.L. | to 66'-11" | | none | |



SE 1/4 Sec 23 T15N R22W
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 22 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Compressor Length of Test 1 hour

Remarks: (Gravel packing, cement, 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)

License # 7

Driller's License Number

Glenn Camp
 Driller's Signature

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

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

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

31

282684

I received and filed this instrument for
 record on the 18 day of Oct 1965
 at 9:45 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Velma E. Circus, County Recorder
 By *Bonita A. Ramsey*, Deputy
 Fee \$ 2.00 Paid

File No. _____

T. 15 R. 22

DUPLICATE

MONTANA WATER RESOURCES BOARD

County _____

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 18 1966

LOG

Top of Ground

(Elev. above sea level) _____

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0 to 2' Top soil

2' to 38' Red clay

38' to 45' Clay & gravel

45' to 68' Brown clay

68' to 73' Clay & gravel

73' to 90' Sand, gravel

some water

90' to 94' Tan clay

94' to 100' Gravel, sand &

some water

100' to 102' Gravel &

water

Owner William Courser Address Frenchtown, Mont

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of appropriation of groundwater _____

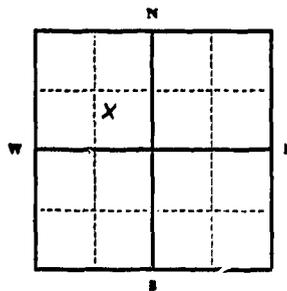
Date well started 1/5/66 Date completed 1/11/66

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Foot) | To (Foot) | PERFORATIONS | | |
|----------------------|---------------------------|------------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Foot) | To (Foot) |
| 6" | 6" I.D. | 3'-7" above G.L. | | | | |
| | 17# to ft | | | | | |
| | | | | None | | |



Static Water Level for non-flowing well 82 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 52 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer & compressor

Length of Test 4 hours

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

Sec. 23, T. 15, R. 22

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

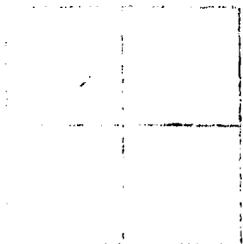
Glenn Camp
Driller's Signature

42,764

1771

267384

I received and filed this instrument for
record on the... day of ... 196...
at ... o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Veranee R. Crouse, County Recorder
By ... Deputy
Eve S. ...



Missoula County, Montana

218a

307507

I received and filed this instrument for
record on the 14th day of Sept 1971
at 1:45 o'clock P.M. in the office
of Missoula County State of Montana
Witness my hand
Verano R. Cragg, County Recorder
By Maria Rickelle
Sec. 52, 62) Case Paid

RECEIVED

File No. _____

T. _____ R. _____

DUPLICATE

MAY 30 1972

County Missoula

LOG MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)

GL
24' red clay
24' red clay & gravel
35' gravel and a
36' seep of water
36' tan clay and gravel
44' gravel and water
45'

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner JOHN TANTLINGER Address EL MAR TRAILER CRT.

Driller LEO KRAUSE Address 740 TURNER MISSOULA, MONTANA

Date of Notice of appropriation of groundwater _____

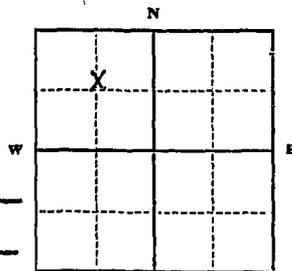
Date well started FEB. 24, 71 Date completed FEB. 26, 71

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|--|--------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" I.D. | 6-5/8" O.D. 17 lbs. 1/4" side-wall | ground level | 45' | | | |



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

Shut-in Pressure for Flowing Well _____

Pumping Water Level 38 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bail & sub pump

Length of Test 3 hrs.

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

Doc. No. #2280, 3/29/72
Filed for record
this 24th day of May
A. D. 19 72, at 11:35
o'clock A.M.

Tract 24
W 1/2 Sec 23 T 15N R 22W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 193

Driller's Signature Leo Krause

50,471

2280 317129
 received and filed this instrument for
 record on the 24 day of May 1972
 at 11:25 o'clock A.M. permanent files
 Missouri County State of Montana
 Witness my hand
 Clarence A. Greuse County Recorder
 My *Clarence A. Greuse* Deputy
 Fee \$ 2.00 Paid

Filed for Record
 Doc No. 317129

| | | | |
|--|--|---|--|
| | | | |
| | | X | |
| | | | |
| | | | |

Discharge in full for the amount of \$100.00
 of the above account.
 Example: If the above account is for a loan, the
 amount of \$100.00 is the amount of the loan.
 If the above account is for a bill, the amount of \$100.00
 is the amount of the bill.

File No.....

T. 15 R. 22

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

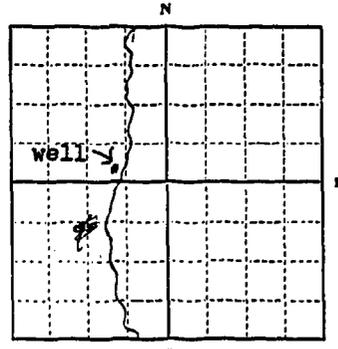
RECEIVED
JAN 2 1964

STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

- I, W.M. Walterskirchen, of 1800 S. second st. W. Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is to irrigate some 80 acres of crop land on the west side of six mile creek
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 300 Gals per minute.
- The annual period (inclusive dates) of intended use from april 1 to oct 10
- The probable or intended date of first beneficial use April 1 1964
- The probable or intended date of commencement and completion of the well* or wells*
commence march 15 1964, completion march 29 1964
- The location, type, size and depth of well or wells contemplated 8" drilled well approx 60 feet deep
- The probable or estimated depth of the water table or artesian aquifer estimated 30 feet
- Name, address and license number of the driller engaged Harold K. Pickens
Target Range Missoula Mont License # 71
- Give such other similar information as may be useful

in carrying out the policy of this act.....
Well to be drilled on the west side of six mile creek some 70 feet west of the creek and approx 150 yds south of the present dwelling.



almost all ~~in~~ Sec. 23 T. 15 R. 22
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator W.M. Walterskirchen
Date Dec. 31 - 1963.

* As defined in the Code Sec. 1 (a) "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.

865

2,5338

Copy

I received and filed this instrument for
record on the 31st day of Dec. 1963
at 9:38 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. DENNER, County Recorder
By *Martin S. Denner*
Fee \$..... Paid

File No. *No Filing Date*

RECEIVED

T. *15 N. R. 22 W 83*

DUPLICATE

OCT 27 1967

County *Missoula*

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

0-2 Top soil

2-34 Clay

34-38 Gravel with water *Connie Williams* Address *6 Mile*
will not clear *1522 S. 14th*
(20-30 GPM) Driller *Glenn Camp* Address *Missoula, Montana*

35-40 Clay & Gravel

40-46 Gravel, sand and Water

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

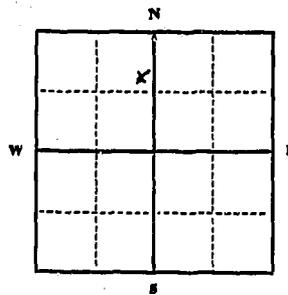
Date well started *July 26, 1967* Date completed *July 27, 1967*

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" I.D. | 6" I.D. 17 lb | 1' above O. L. | 45' | | NONE | |



Static Water Level for non-flowing well *19* feet.
Drawdown - 6'
Shut-in Pressure for Flowing Well.....
Pumping Water Level *25* feet
at *50* gal. per minute.
Discharge in gal. per min. of flowing well.....

How Tested *Air Compressor*
Length of Test *2 Hours*
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

N 1/4 Sec. 23 T. 15 N. R. 22 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7
Driller's License Number
Glenn Camp
Driller's Signature *Glenn Camp*

42,445

2207

310069

I received and filed this instrument for
record on the 20 day of June 1922
at 2:30 o'clock P.M. permanent file
of Missoula County, State of Montana
Witness my hand
Vernon H. Cross, County Recorder
By Marion T. Russell, Deputy
For \$ 3.00 Paid

MISSOULA, MONTANA
JUN 20 1922
RECORDED
INDEXED

GW3

File No.

T. 15 ^N R. 22 ^W

24

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater In the 1920's

Owner David J. Rose Address Huson, Montana

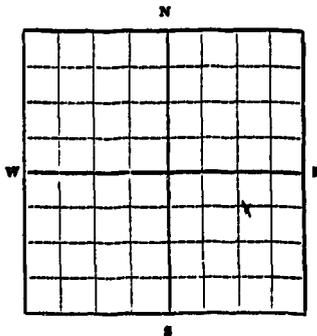
Contractor (if any) J. H. Ray

Address of Contractor Missoula, Montana

Date Started Not applicable Completed Not applicable

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

elevations with one inch pipe - water reaches surface at the source.



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 Has

been in use since the late 1920's and runs

nearly continuously with the flow from a

3/4 inch pipe.

Signature of Owner David J. Rose
Raymond J. Grose

Date 12-30-63

SE 1/4 Sec. 24 T. 15 R. 22
Indicate point of appropriation and place of use, if possible.

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

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

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

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

1018

215492

I received and filed this instrument for
record on the 31 day of Dec, 1923
3:22 o'clock P.M., permanent files
of Hinsdale County, State of Montana
Witness my hand:
MARTIN S. BEGNER, County Recorder
By Martin S. Begner Deputy
Fee \$ 2 Paid

24

File No. _____

T. 15^N R. 22^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

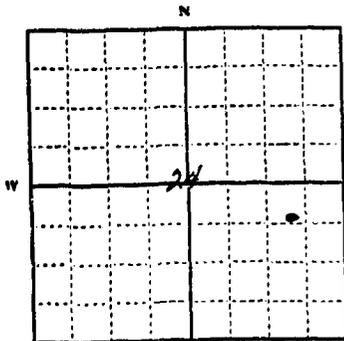
Date of Appropriation of Groundwater March - 1925

Owner R. P. Scheffer Address Hudson - Mont.

Contractor (if any) None

Address of Contractor _____

Date Started 1925 Date Completed 1925



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Put in concrete box around spring to impound water then installed pipe line to homestead

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 _____

1/4 Sec. 24 T. 15N R. 22W
Indicate point of appropriation and place of use, if possible.

All the water from above spring

Signature of Owner Ralph P. Scheffer

Date 12-22-63

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

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

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

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

595 314899

copy
I received and filed the instrument for
record on the 26 day of Dec, 1963
at 11:45 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN E. BRINER, County Recorder
By Martin E. Briner, Deputy
Fee \$ 1.00 Paid

File No.....

T15 N R 22 W

DUPLICATE

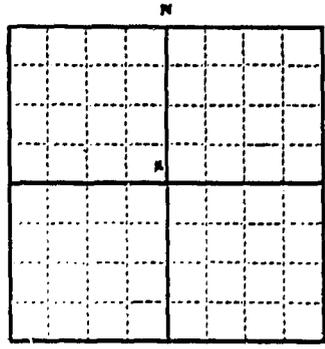
County—Missoula

25

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

- I, Francis C. Cyr & Kenneth C. Cyr, of Box 57, Basin
(Name of Appropriator) (Address) (Town)
County of Missoula, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is irrigation one acre - Household use for four dwellings.
Irrigate lawns of four dwellings located on one acre.
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed.....
adequate supply of water from one well to furnish four dwellings, but has not been measured.
- The annual period (inclusive dates) of intended use.....is year around use at all times.
- The probable or intended date of first beneficial use.....was in the year 1933.
- The probable or intended date of commencement and completion of the well* or wells*.....1933
- The location, type, size and depth of well or wells contemplated.....at present a shallow well is in use, supplying four dwellings with household and irrigation water.
- The probable or estimated depth of the water table or artesian aquifer.....approximately 30 feet.
- Name, address and license number of the driller engaged.....not known. George Reeves owned this property at the time this well was dug near the center of the acre.
- Give such other similar information as may be useful in carrying out the policy of this act.....
This acre of land was purchased from George Touchette by George Reeves where he moved his store to adjoin the then new Highway #10. in 1933.



2524, 333906
June 25, 1973
2:45p (Description of acre of land is attached.)

NW 1/4 Sec 25 T15 R22 W
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator: Francis C. Cyr
Date: 6-22-73

* 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.

53,999

2524

333906

I received and filed this instrument for
 record on the 25 day of June 1973
 at 2:12 o'clock P. M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Dorothy L. Head, County Recorder
 By Mary Skelley, Deputy
 Fee \$ 2.00 Paid J

MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA
 RECEIVED
 JUN 25 1973
 2:12 P.M.

Q27

328747

I received and filed this instrument for
 record on the 6 day of March 1973
 at 1:50 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Dorothy L. Husay, County Recorder
 By Sharon Skelton, Deputy
 Fee \$ 2.00 cash Paid

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

RECEIVED

County Missoula

25

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

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.

(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 J. Alan C. Lehman
Address Box 45, Hanson, Mont.
Date well started Sept. 1, 1970
completed July 1, 1971

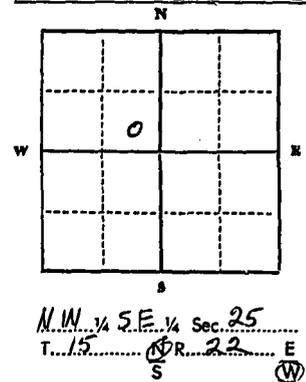
For Administrator's Use
File # 2059, 314942
April 2, 1972 2:15 pm
GW 1

Type of well driven
Equipment used driven
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 4,050,000

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------------|--------------|-------------|------------------|-----------------------------------|--------------------------|
| | <u>4" I.D. schedule 40 pipe</u> | <u>6 ft.</u> | <u>188'</u> | <u>1/4" wide</u> | <u>starting 1 ft. from bottom</u> | <u>5 ft. from bottom</u> |



8 gal. per min. flow
Static water level 12 ft. ground level
Pumping water level 5 ft.
at 100 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by pumping for two hours.
Power 220 V. Pump One HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|---------------|----------------------------|
| From (Feet) | To (Feet) | |
| <u>6'</u> | <u>6'</u> | <u>Pit</u> |
| <u>6'</u> | <u>10'</u> | <u>gravel + clay</u> |
| <u>10 ft.</u> | <u>27 ft.</u> | <u>clay</u> |
| <u>27 ft.</u> | <u>60 ft.</u> | <u>sand + water</u> |
| <u>60 ft.</u> | <u>120'</u> | <u>wt. sand + water</u> |
| <u>120'</u> | <u>128'</u> | <u>gray clay</u> |
| <u>128'</u> | <u>130'</u> | <u>brown clay + sand</u> |
| <u>130'</u> | <u>132'</u> | <u>sand and water</u> |
| <u>132'</u> | <u>168'</u> | <u>silty sand + water</u> |
| <u>168'</u> | <u>171'</u> | <u>sand gravel + water</u> |
| <u>171'</u> | <u>173'</u> | <u>sand and water</u> |
| <u>173'</u> | <u>174'</u> | <u>clay</u> |
| <u>174'</u> | <u>183'</u> | <u>sand</u> |
| <u>183'</u> | <u>188'</u> | <u>gravel sand + water</u> |

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

Driller's Signature J. Alan C. Lehman
Driller's Address Box 45, Hanson, Mont.
LICENSE NO. _____

188 ft. Show exact depth of bottom

#2259

31442

I received and filed this instrument for
record on the 4 day of April 1972
at 2:15 o'clock P. M. permanent files
Missouri County State of Missouri
Witness my hand
Vermon A. Deane, County Recorder
at Mountain View Deane Deputy
Fee 1.00 Paid

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—30551

File No. _____

T 15 NoF R 22 25

DUPLICATE

LOG

County Madison

OCT 20 1970

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner John C. Lehman Address Box 45 Huson Mont.

Driller John C. Lehman Address Box 45 Huson Mont.

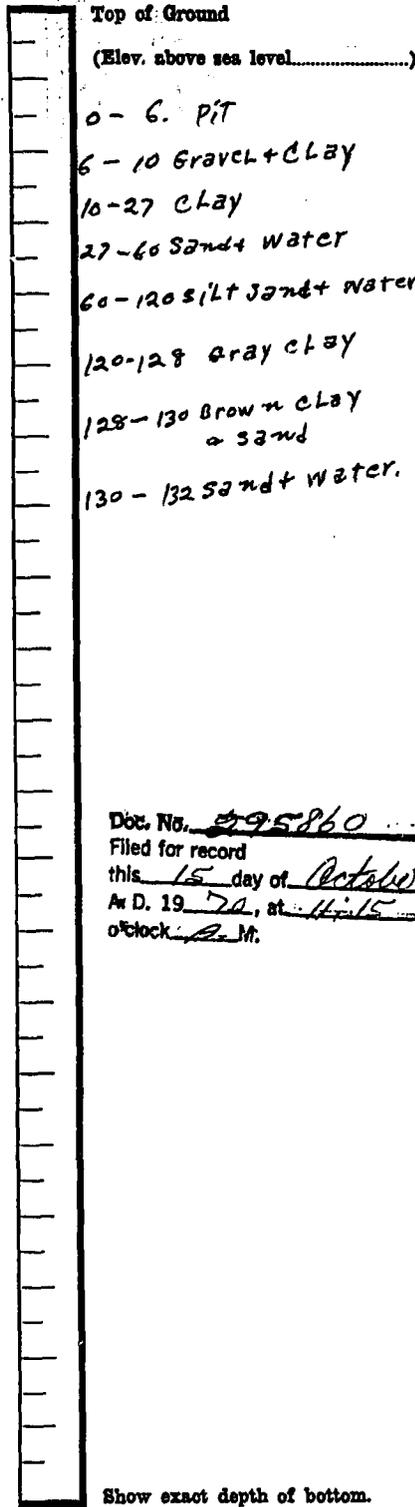
Date of Notice of appropriation of groundwater Oct 4, 1970

Date well started SEPT. 1, 1970 Date completed Oct. 4, 1970

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

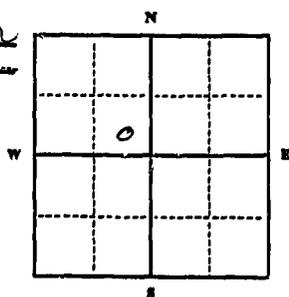
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|--------------|---------------------------|-------------------------|----------------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 4" I.D. | 4" I.D. | 132 ft. | Ground Level | 1/2" wide approx. 4" long | Starting 1' From Bottom | 3' From Bottom |

Doc. No. 295860
Filed for record this 15 day of October
A. D. 19 70, at 11:15
o'clock A.M.



Indicate location of well and place of use, if possible. Each small square represents 40 acres.
NW 1/4 Sec 25 T. 15 N. R. 22 W.

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

Shut-in Pressure for Flowing Well _____ feet

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

Discharge in gal. per min. of flowing well _____

How Tested Air Compressor

Length of Test 6 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

John C. Lehman
Driller's Signature.

47658

2052 295860

received and filed this instrument for record on the 5th day of Oct, 1972 at 11:15 o'clock A.M. permanent files of Missoula County, State of Montana
Witness my hand:
Vernon R. Cruise, County Recorder
By [Signature] Deputy
Fee \$ 2.00 Paid [Signature]

Book 2052 of
p. 18 of
this 295860 of
Doc No 295860

| | | |
|--|---|--|
| | | |
| | 6 | |
| | | |

at 11:15 o'clock A.M. on Oct 5 1972
Lambert Water Power
Right-in Presence for Electric Light
State of Montana
County of Missoula

NOTICE OF COMPLETION OF GROUNDWATER ABSTRACTION BY MEANS OF WELL

STATE WATER CONSERVATION BOARD
ADMINISTRATOR OF GROUNDWATER CODE
STATE OF MONTANA

Whereas the State of Montana has enacted the Groundwater Code, Chapter 10, Title 82, Montana Code Annotated, 1972, and

And whereas the State of Montana has enacted the Groundwater Code, Chapter 10, Title 82, Montana Code Annotated, 1972, and

FOR

Doc. No. 306612
 for record
 File No. 19 day of August
 19 71 at 1:34
 D UPLICATE O'clock P M. AUG 20 1971

Approved Stock Form—State Publishing Co., Helena, Montana—4329
 T. _____ R. _____
 County Missoula

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground
 (Elev. above sea level S. 222)

0 - 1 1/2 top soil

1 1/2 - 6 small gravel

6 - 29 small gravel
 sand & water

29 - 32 clay no water

32 - 38 sand & water

38 - 44 gravel & water

Owner Wesley Rice Address Heaven Mont.

Driller Harold E. Pickens Address 3424 So. Ave. Helena

Date of Notice of appropriation of groundwater _____

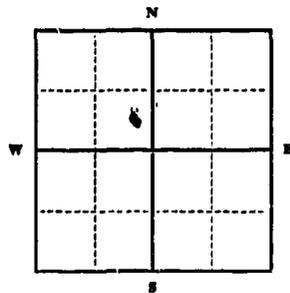
Date well started 7/11/64 Date completed 7/12/64

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|----------------------|-------------|-----------|
| | | | | Kid Size | From (Feet) | To (Feet) |
| 4 inch | 4 in I.D. 10.79 | 0 | 44 | slots 1/2 x 1 1/4 | 43 | 38 |



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

Shut-in Pressure for Flowing Well _____

Pumping Water Level 6 ft. of top feet
 at 55 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested compressor

Length of Test 3 hrs.

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

SE 1/4, NW 1/4 Sec. 25 T. 15N R. 22W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.
44 ft.

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

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

Driller's License Number 71

Driller's Signature Harold E. Pickens

48921

2169

306612

I received and filed this instrument for
record on the 19 day of Aug 1921
at 1:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
Vernon A. Crouse, County Recorder
By _____ Deputy
For \$ 00 Cash Paid

| | |
|--|--|
| | |
| | |
| | |
| | |

GW 2

Doc. No. 306607

Filed for record

Approved Stock Form—State Publishing Co., Helena, Montana—4229

File No. this 19 day of August

A. D. 19 71, at 1:40

T. 28 R. 28

DUPLICATE o'clock P.M.

County Missoula

LOG

1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground

(Elev. above sea level 3,235)

0 - 1' top soil

1' - 6 small gravel & sand

6 - 29 small gravel sand & water

29 - 32 clay no water

32 - 42 sand & water

42 - 47 gravel & water

Owner Kathy Rice Address Bacon Mont.

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

Date of Notice of appropriation of groundwater

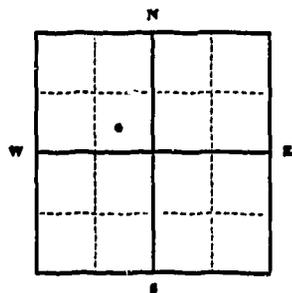
Date well started 7/10/64 Date completed 7/10/64

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|------------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 4 inch | 4 in O.D. 10.75 | 0 | 47 | slots 3 x 1/4 | 46 | 41 |



Static Water Level for non-flowing well
5 ft. of 30.7 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 5 ft. of 30.7 feet
at 35 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested constant

Length of Test 3 hrs.

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

SW 1/4 Sec. 25 T. 15N R. 22W

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

(Continue on reverse side)

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

Show exact depth of bottom.

47 ft.

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

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

71
Driller's License Number

Harold K. Pickens
Driller's Signature

48920

2167

306607

I received and filed this instrument for
record on the 19 day of May 1971
at 11:15 o'clock P.M. permissit legis
of Missoula County State of Montana
Witness my hand
Verdine R. Cross, County Recorder
By Donald R. Johnson Deputy
For S. J. D. Cash Paid



File No. _____

T. 15 N. R. 22 W. 25

DUPLICATE

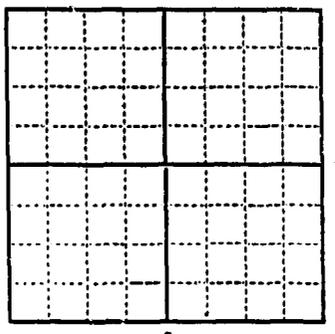
County _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 DEC 30 1963

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

1. Raymond J. Rose of _____ (Address) _____ (Town)
 (Name of Appropriator)
 County of Missoula State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec 5 T.15 R. 22

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

- 2. The beneficial use on which the claim is based. April 15, 1955
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1955
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 800 gals 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. One acre of garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 3/4 H.P. pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 15, 1955
- 8. The depth of water table. 12' 16'
- 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. iron casing, 4" diameter, 40' deep
- 10. The estimated amount of groundwater withdrawn each year. 20,000 gals
- 11. The log of formations encountered in the drilling of each well if available. Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Raymond J. Rose
 Date Dec 27, 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. 15255

652 245031

I received and filed this instrument for
record on the 27 day of Feb 1903
at 11:15 clock P.M., permanent files
of Mineral County, State of Montana
Witness my hand:
WALTER S. HARRIS County Recorder.
By Walter S. Harris Deputy
Fee \$ 20 Paid

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232

File No. _____

T. 15 R. 22 28

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Missoula

LOG

RECEIVED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

R. J. D.

Top of Ground
(Elev. above sea level _____)

OCT 27 1969

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-6 Pit

6-10 Gravel & Clay

10-27 Clay

27-60 Sand & Water

60-120 Silt Sand & Water

120-128 Gray Clay

128-130 Brown Clay and Sand

130-132 Sand and water

132-168 Silty sand and water

168-171 Sand, Gravel & Water

171-173 Sand and water

173-174 Clay

174-183 Sand

183-184'5" Gravel, Sand and water

Owner RAY ROSE Address HUSON, MONTANA

1522 S. 14th W.

Driller GLENH CAMP Address MISSOULA, MONTANA

Date of Notice of appropriation of groundwater _____

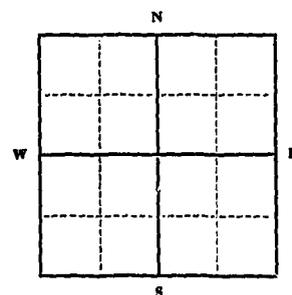
Date well started June 20, 1969 Date completed June 30, 1969

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-----------------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" I.D. | 6" I.D. 17 lb per ft. | 7' above pit floor | 185'5" | | none | |



Static Water Level for non-flowing well

Ground Level _____ feet.

Drawdown- 5'

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ 60 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Air Compressor

Length of Test 1 hour

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

SE 1/4 Sec. 35 T. 15 R. 22
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7
Driller's License Number

Glenn Camp
Driller's Signature Glenn Camp

45, 766

2.85749

1942

I received and filed this instrument for
 record on the 22 day of Oct, 1942
 at 9:30 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verano R. Crouse, County Recorder
 By M. M. L... Deputy
 Fee S. R. S. A. Paid cash



Printed Name of Recorder
 Printed Name of Deputy
 Date of Recording
 Time of Recording
 Fee Paid

GW3

File No.

T. 15 N. R. 22 W. 25

DUPLICATE

County Missouri

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 3 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June, 1963

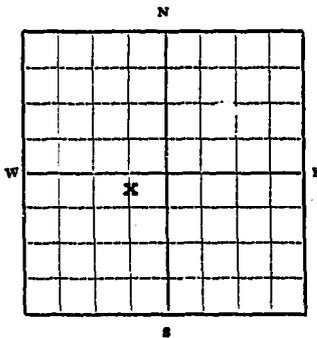
Owner Ralph P. Scheffer Address Huson, Montana

Contractor (if any) None

Address of Contractor None

Date Started June, 1963 Date Completed June, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 10 H.P. electric motor and pump is used to pump water from drain ditch into a six inch aluminum main pipe for conveyance of water to all parts of the SW 1/4 of Sec. 25, Twp. 15 N., Range 22 W., M.F.M.



NE 1/4 SW Sec. 25 T. 15. R22

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

about 300 miner's inches of water is pumped and used during all of the irrigation season of each year.

Signature of Owner Ralph P. Scheffer

Date November 27, 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.

348

213587

I received and filed this instrument for
record on the 28 day of Nov 1963
at 1:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Carol Lane, Deputy
Fee \$2.00 Paid

File No. _____

DUPLICATE

T. 15 N. R. 22 W. 25

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

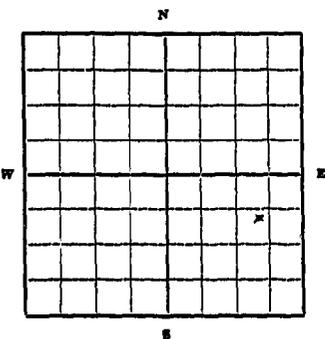
RECEIVED
DEC 3 1963

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

STATE ENGINEER

1. Ralph P. Scheffer of Huson
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 25, T. 15 N. R. 22 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 Farm irrigation and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1890 - continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NE 1/4 Sec. 25, Twp. 15 N., Rge. 22 W. M.P.M.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one inch pipe - 1 h.p. electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890

8. The depth of water table 17 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 36 inch tile casing

10. The estimated amount of groundwater withdrawn each year 10,000 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 None

Signature of Owner Ralph P. Scheffer

Date November 27, 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.

7727

346

213585

copy

I received and filed this instrument for
 record on the 29 day of Jan 1963
 at 12 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Stall Lane Deputy
 Fee \$ 2.00 Paid

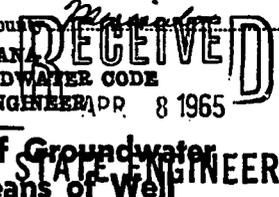
1963 JAN 29

File No. _____

T 154R 22W 26

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER APR 8 1965



Notice of Completion of Groundwater Appropriation by Means of Well

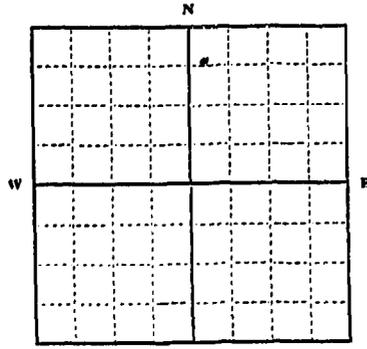
(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground (Elev. above sea level.....)
- 0 to 3' Top soil
- 3' to 7' Clay & gravel
- 7' to 16' Sand
- 16' to 21' Sand & water
- 21' to 31' Sand, gravel & water
- 31' to 55' Clay & gravel
- 55' to 68' Green sandy clay
- 68' to 85' Brown clay
- 85' to 97' Gray sandy clay
- 97' to 103' Sand
- 103' to 105' Sand & small gravel
- 105' to 111' Clay
- 111' to Gravel & water

Owner J.A. Bandurant Address Muson, Montana
 Driller Glenn Camp 705 Alder Address Missoula, Mont
 Date of Notice of Appropriation of Groundwater.....
 Date well started Mar 13, 1965 Date Completed Mar 27, 1965
 Type of well Drilled Equipment Used Churn drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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" I.D. | 5' above G.L. | | | | |
| | 18.97 " | to 116' | None | | | |
| | to ft | | | | | |



1/4 Sec 26 T.15 R.22
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 1' above G.L. feet.
 Shut-in Pressure for Flowing Well.....
 Pumping Water Level 19' from G.L. feet at 25 gal. per minute.
 Discharge in gal. per min. of flowing well.....
 How Tested Test Pump Length of Test 1 1/2 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).....

License # 7
 Driller's License Number
Glenn Camp
 Driller's Signature

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

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

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

39057

1487

234957

I received and filed this Instrument for
record on the 5 day of April 1965
at 11:20 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Vernice R. Gours, County Recorder
By Martha J. Head, Deputy
Fee \$ 2.00 Cash Paid

File No. _____

STATE WATER CONTROL BOARD

T. 15 R. 22 46

DUPLICATE

DEC 28 1966

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)

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

(Under Chapter 237, Montana Session Laws, 1961)

0 to 22' Brown Clay

Owner Allen Neare Address Sx. 38 Ruess, Mont

22' to 22' Seep of water

22' to 32' Gray clay

Driller Glen Camp 7522 S. 14th Address Missoula, Montana

32' to 52' Seep of water
1 G.P.M.

Date of Notice of appropriation of groundwater _____

52' to 54 1/2' Clay & yellow

Date well started 12/14/66 Date completed 12/17/66

rock

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

54 1/2' to 78' Yellow rock

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

with seams of water -

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.

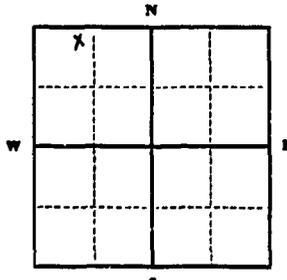
20 G.P.M.

78' to 80' Clay

5" perforator liner

set in 37' long.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind | From (Feet) | To (Feet) |
| 6" | 17# | 1' above | 0.1 | | | |
| | | | 47' 9" | | | |
| 5" | 14# | 43' to | 80' | Burst | 54' | 79' |



Static Water Level for non-flowing well

5 1/2' from _____ feet.

Shut-in Pressure for Flowing Well _____

top of casing

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well

Test Pump 16 G.P.M.

How Tested Ball test 20 G.P.M.

Length of Test 7 1/2 hrs.

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

70 400' NW 1/4 Sec. 26 T. 15 R. 22

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

Glen Camp
Driller's Signature

41574

1669

25-6651

I received and filed this instrument for
 record on the 23 day of Dec, 1966
 at 10:45 o'clock A.M., permanent file
 of Missoula County, State of Montana
 Witness my hand
 Vermae R. George, County Recorder
 By Edwin J. Moran, Deputy
 Fee 2.00 Padded



MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

RECORDED
 INDEXED
 JAN 10 1967

File No.

RECEIVED

T. 16^N R. 22^W 24

DUPLICATE

JUN 19 1970

County MISSOULA

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Well location: 6 Mile Area

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-2 Topsoil

2-15 Gravel and Sand

15-65 Sand and Water
(Flow 1.00)

65-86 Silty Clay

86-88 Sand and Water

88-94 Brown Clay and
Gravel

94-118 Silty Clay

118-121 Blue Clay

121-122 1/2 Gravel and
Sand

Owner Dale Johnson Address 3703 S. 7th St.
CAMP WELL DRILLING & 1522 S. 14th St.

Driller J. J. LY Address Missoula, Montana

Date of Notice of appropriation of groundwater

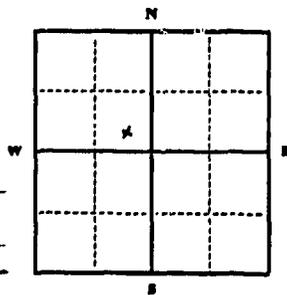
Date well started Sept 2, 1970 Date completed April 7, 1970

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|-----------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" I.C. | 6" I.C. 17 lb per ft. | 110' | 122 1/2' | | | |



Static Water Level for non-flowing well
Flows $\frac{1}{2}$ GPM _____ feet.

Shut-in Pressure for Flowing Well _____ feet

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

Discharge in gal. per min. of flowing well _____

How Tested _____

Length of Test _____ hours

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

Doc. No. 291858
Filed for record
this 5 day of June
A. D. 1970 at 8:04
o'clock P.M.

SE 1/4 Sec. 26, T. 16^N, R. 22^W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License 7
Driller's License Number

Driller's Signature

J. J. LY
46562