

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
 Developed after January 1, 1962

OCT 21 1971
 NOV 29 1971
 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 Druce Tysel
 Address P. O. Box 3613
Butte, Montana
 Date well started May 25, 1971
 completed same

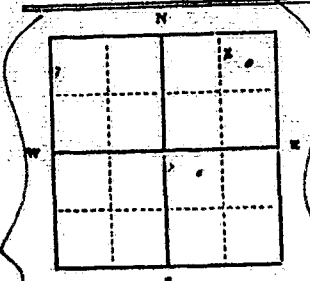
For Administrator's Use
 File 305-302
August 23, 1971
1150 P.M.
 GW 1

Type of well Hand Drilled
 (Dug, driven, bored or drilled)
 Equipment used Churn Drill
 (Churn drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" o.d. x .250	2' ag	62'	cutting torch	57'	62'



N.E. 1/4 N.E. 1/4 Sec. 9
T. 2 N. R. 7
 INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Static water level 10 ft.
 Pumping water level 22 ft.
 at 25 gallons per minute,
 measured 25 minutes after pumping
 began.
 *Measured from ground level:
 Well developed by balling
 for two hours.
 Power HP Pump HP
 Remarks: (Gravel packing, cementing,
 packers, type of shutoff)
X - FOR WELL
o - PLACE OF USE
In the middle of 5 acres
which we own.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0'	1'	Top soil
1'	20'	sand and clay
20'	57'	heaving sand and silt
57'	62'	water and sand

RECEIVED
 DEC 22 1971
 MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Driller's Signature D. Tysel Contracting Company
 Driller's Address 2804 Harvard Ave.

GW 24

County T 20 R 7W 8
Silver Bow

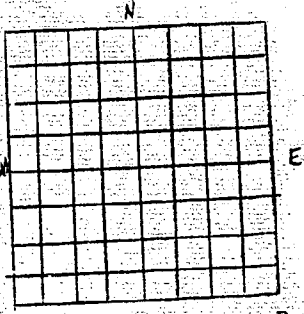
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. Leslie Webster, of 10 miles Butte
(name of appropriator) (address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to Jan. 1, 1962, as follows:



N.W. 1/4 Sec. T 20 N R 7 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
House and Chicken Farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1954

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1954

8. The depth of water table 80'

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
137' - 6 in Casing

10. The estimated amount of groundwater withdrawn each year

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 Co. record

Date Dec. 31, 63 Signature of Owner Leslie Webster

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss. Leslie Webster having first been duly
sworn, depose and say that he is of

lawful age and the appropriator and
Claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice & that the matters & things therein stated are true.
William T. Hall Notary Public

Subscribed and sworn to before me this 31st day of December, 1963
Notary public for the St. of Montana, residing at Butte, Montana
Commission expires Dec. 20, 1966

181725

251314
BOARD OF DIRECTORS
UNION OF SILVER BANK

I hereby certify that the minutes
was filed at my office on the 31
day of August 1967
34 minutes past noon o'clock
attest my hand

Hayd Meade

File No.

T. 2 N. R. 7 W

TRIPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County Silver Bow

LOG

SEP 19 1962

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 5000 ft)

0' Sandy top soil

4' Coarse De-composed granite

20' De-composed Granite with clay

65' Fine De-composed Granite

75' Coarse De-composed Granite - (water)

80' --- BOTTOM ---

Owner Roy wife Address Butte Mont

Driller Borris Drilling Address Butte Mont

Date of Notice of appropriation of groundwater June 18 1962

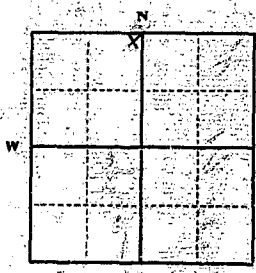
Date well started June 15 1962 Date completed June 18 1962

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 IN.	6" 10 #1		80'	1" x 4"	79'	75'
	17.02					
	.250					



Static Water Level for non-flowing well 51 feet

Shut-in Pressure for Flowing Well NA

Pumping Water Level 55 feet
at 22 gal per minute.

Discharge in gal. per min. of flowing well NA

How Tested PUM ped

Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) water is coming from coarse sand and is coming through perforations

1/4 Sec. 8 T. 2 N. R. 7 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).
NA

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.

No. 179
Driller's License Number
Martin J. Borris
Driller's Signature

45650

File No. _____

T. 2 N R 7 W

TRIPPLICATE

MONTANA WATER RESOURCES BOARD

County Silver Bow

RECEIVED

LOG

SEP 19 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level) 5000 ft

0' Sandy top soil

10' Coarse decomposed granite

65' Decomposed Granite with clay

75' Fine decomposed granite

80' Coarse de. composed granite - (water)

--- BOTTOM --- 6 IN.

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Roy Wolfe Address Butte, Montana

Driller Borris Drilling Address Butte, Montana

Date of Notice of appropriation of groundwater: June 18, 1968

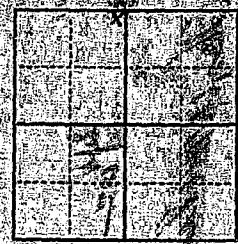
Date well started: June 18, 1968 Date completed: June 18, 1968

Type of well: Drilled Equipment used: Drill
(Dug, driven, bored or drilled) (Chain 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.

Site of Drilled Hole	Site and Weight of Casing	Pump (Type)	TV (Feet)	PERFORATIONS		
				RAISE (Feet)	DEPTH (Feet)	TO (Feet)
	6" ED + 1"		80'			
	17.02					
	1250					



Static Water Levels for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level: _____ at _____ gal per minute

Discharge in gal. per min. of flowing well

How Tested: Pump test

Length of Test: 1 hr

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

Section T2N R7W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.
Water is produced from coarse sand and is coming through perforations

(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).

NA

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, third copy to be retained by driller.

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

No. 179
Driller's License Number

Martin J. Bowen
Driller's Signature

45650

993 372

STATE OF MONTANA }
COUNTY OF SILVER BOW, } ss.

I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 1969,
_____ minutes past _____ o'clock
of the _____ month.

WILLIAM T. DUCK
County Clerk

[Handwritten Signature]

Official Record of the County of Silver Bow, Montana
This is a true and correct copy of the original as recorded in the office of the County Clerk of Silver Bow, Montana, on the _____ day of _____, 1969, at _____ o'clock of the _____ month.

GW 2

File No. _____
TRIPLICATE

MONTANA WATER RESOURCES BOARD

T.2.N. R.7W
County Silver Bow

RECEIVED

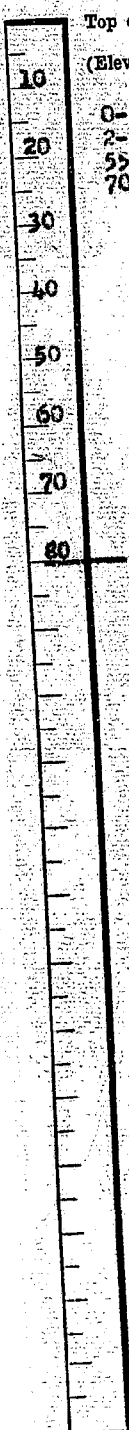
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

OCT 3

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

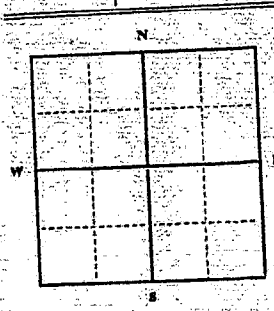


Top of Ground
(Elev. above sea level.....)
0-2 top soil
2-55 sand
55-70 sand-some moisture
70-80 water, sand

Owner Jay Brown Address Butte, Montana
Driller O'Keefe Drilling Co. Address Butte, Montana
Date of Notice of appropriation of groundwater.....
Date well started Nov. 1, 1967 Date completed Nov. 3, 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"	6" I.D. 17 lb.	0	80	torch	70	75



Static Water Level for non-flowing well 59 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 65 feet
at 15-20 gal. per minute.
Discharge in gal. per min. of flowing well.....

How Tested baler
Length of Test 2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NE 1/4 Sec. 9 T.2N. R.7W
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).
Commercial use - Portion of the NE 1/4, Section 9, T.2N. R.7W containing 5 acres,
.....

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

44,626

287641

STATE OF MONTANA }
COUNTY OF SILVER BOW } ss.

I hereby certify that the within instrument
was filed at my office on the
day of Oct D. 1966
41 minutes past 2 o'clock
P.M.

WILLIAM T. DUNHAM
County Clerk and Recorder
William T. Dunham

2 N 7 W 9
Silver Bow
RECEIVED
DEC 17 1963

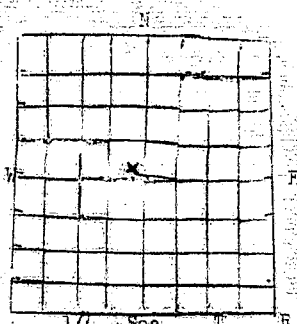
OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1961

STATE ENGINEER

1. E.E. + Edna Mac Gilvra, of Route 1 - Box 74 - Butte, Montana
(Name) (Address) (Town)

County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana law in effect prior to January 1, 1962; as follows:



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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Before 1890
Used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
50 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
Irrigate lands about 12 acre - some location as well
E.E. + Edna Mac Gilvra

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
PUMP
SE 1/4 SE 1/4 NW 1/4 Sec 9 T2N R1W

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

8. The depth of water table
Depth of well is 29 feet - Depth to water is 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
Hand dug well 29 feet deep 6 feet in diameter curbed with rock

10. The estimated amount of groundwater withdrawn each year
26,280,000 gallons

11. The log of formations encountered in the drilling of each well if available
Not available

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

Signature of Owner E.E. Mac Gilvra
Edna Mac Gilvra
Date Nov 12, 1963

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)
E. E. Mac Gilvra and Edna Mac Gilvra
do hereby depose and say that we, the undersigned, are the lawful owners and the appropriators and claimants of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that we know the contents of said foregoing notices and that the matters and things therein stated are true.

Loana [Signature] 9732

Subscribed and sworn to before me, this 12th day of November, 1963

Notary public for the State of Montana, residing at Butte, Montana Commission expires 10/18/67

750042

STATE OF MONTANA }
COUNTY OF SILVER BOW }

I hereby certify that the within instrument
was filed at my office on the
day of July A. D. 1923
at 2 o'clock P.M.
Attest my hand

WILLIAM F. BUEHLER
County Clerk and Recorder

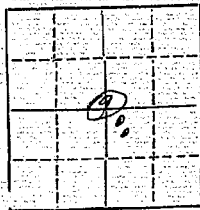
[Signature]

RECEIVED
1955
STATE ENGINEER

Section 9
T. 2 N. 15. N. R. 7 WEST
County Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner E. E. & Lena Mae Gilman Address Route 1 - Box 74 Butte
Driller C. J. Walker Address Independence Mont
Date Started 9/15/56 Date Completed 9/21/56
Location: Sec. 9 T. 2 N. R. 7 W. 1/4 sec. SE 4

Type of well DRILLED (Dug, driven, bored, or drilled) Equipment used DRILL (Cable drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 0 ft. to 50 ft. Type Galvanized Iron Size 6"

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

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

Perforated or Screened: Ft. 34 to ft. 50 Ft. _____ to ft. _____

Type of screen or perforations 3/16" slots

Static Water level, for non-flowing well: 27 feet

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

Pumping water level: 27 feet at 75 gal. per min.

How tested: Bailor + Air Compressor

Length of test: 1 hour

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

(over)

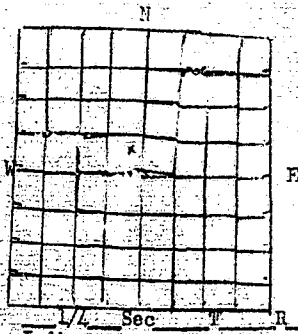
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DEC 17 1963

OFFICE OF STATE

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. E. E. & Edna MacGilvra, of Rt. 1 Box 74 Butte, Montana
(Name) (Address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to
the Montana law in effect prior to January 1, 1962, as follows:



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 livestock & Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 9/21/56 use has been continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 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 Irrigate about 2 acres same location as well E. E. & Edna MacGilvra
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump Electric SE 1/4 SE 1/4 NW 1/4 Sec 9 T 2 N R 7 W

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 9/21/56 - began 9/21/56 - complete
- 8. The depth of water table 21 feet water level 50 feet deep
- 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 well - 6 inch - 50 feet deep
- 10. The estimated amount of groundwater withdrawn each year 37,120,000 gallons
- 11. The log of formations encountered in the drilling of each well if available 2-6' sand, 6-20' decomposed granite, 20-27' clay, 27-34' water-bearing coarse sand, 34-44' sand & gravel, 44-50' water-bearing sand & 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 Montana Bureau of Mines & Geology measured at this well Butte, Montana

Signature of Owner

E. E. MacGilvra
Edna MacGilvra

Date

Nov 12, 1963

STATE OF MONTANA)
COUNTY OF SILVER BOW)

E. E. MacGilvra & Edna MacGilvra

depose and say that he of lawful age and being first been duly sworn, the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

[Signature]

Subscribed and sworn to before me, this 12th day of November, 1963
Notary public for the State of Montana, residing at Butte, Montana
Commission Expires 10/15/64

250041

STATE OF MONTANA }
COUNTY OF SILVER BOW }

I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 19____
Attest my hand and seal of office

WILLIAM J. HICKMAN
County Clerk and Recorder
By W. J. Hickman

File No.

MONTANA WATER RESOURCES BOARD

T 2H R 7W
County *Beaumont*

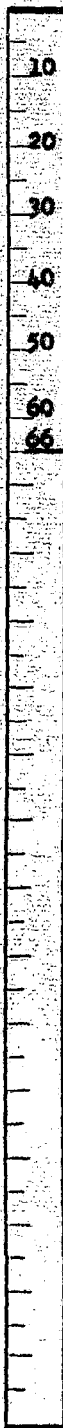
TRIPLICATE

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LOG

DEC 13 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

0-25 gray sand
25-40 brn sand w/ clay
40-45 brn sand w/ water
45-60 brn sand
60-66 coarse sand w/ gravel & water

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana-Session Laws, 1961)

Owner *Hart Wilson* Address *Butte, Montana*

Driller *O'Keefe Drilling Co.* Address *Butte, Montana*

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

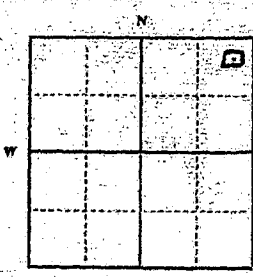
Date well started *July 28, 1967* Date completed *July 29, 1967*

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"	6" L.D. 17 lb.	0	67	torch	59	64



Static Water Level for non-flowing well *36* feet

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

Pumping Water Level *48* feet at *15* gal. per minute.

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

How Tested *baler*

Length of Test *2 hrs.*

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, thuse 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 *48*
Driller's Signature *Edward O'Keefe*

42, 679

287 185

STATE OF NEW YORK
COUNTY OF ALBANY
I hereby certify that the within instrument
was filed for my record on the
day of Dec 18 1878
at Albany N.Y.

Handwritten signature: *Handwritten Name*

287
185

Vertical text on the right edge of the document, possibly a page number or reference.

GW 2

MONTANA WATER RESOURCES BOARD
RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—48357

File No. _____

T. N. R. W.

QUADRUPLICATE

JUN 24 1969

County Silver Bow

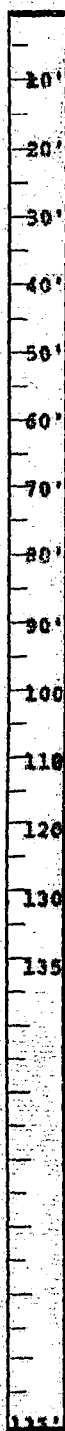
LOG _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

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



Owner Mr. F. C. Fowler Address Terra Verde Heights

Driller C. Keefe Drilling Co. Address 8804 Harvard Ave.

Date of Notice of appropriation of groundwater October 29, 1968

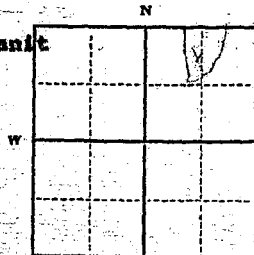
Date well started October 3, 1968 Date completed October 4, 1968

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" cd	0'	135'	cutting torch	73' 56' 110' 122'	78' 60' 115' 127'



Static Water Level for non-flowing well 50 feet.

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

Pumping Water Level 120' feet
at 15 gal. per minute.

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

How Tested Bailer
Length of Test 3 hours

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

1/4 Sec. T. N. R. 110
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.

EIGHT
Driller's License Number

Driller's Signature

45,369

788518

RECEIVED
U.S. DEPARTMENT OF JUSTICE
DIVISION OF INVESTIGATION
WASHINGTON, D.C.
MAY 18 1948
MAIL ROOM

Ray M. Miller

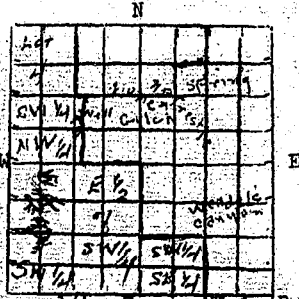
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. Bernice E. Edstrom, of 2035 California Ave. Butte
(Name of Appropriator) (Address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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
Irrigation House Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
July 1916 constant July 6 1931 Constantly
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Natural Flow Natural Flow
- 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
20 Acres SW 1/4 of NW 1/4, NW 1/4 SW 1/4, NE 1/4 SW 1/4 Section 10 Township 2 N Range 7 W
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Dam, Ditches & Pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
July 13, 1916 July 6, 1931
- 8. The depth of water table
unknown
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well: 2' deep on SE 1/4 of NW 1/4 Spring in Wendell's Canyon Section 10 Twp 2 N R 7 W NE 1/4 SW 1/4
- 10. The estimated amount of groundwater withdrawn each year
Natural Flow Any unused flows into adjoining Ranch
- 11. The log of formations encountered in the drilling of each well if available
unknown

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
Wendell's Recorded in Section 716/31 Bastion to Edstrom 1941 Book 187 of Deeds Page 545 Flume Gulch - Bunk's Appropriation - Water Rights - Book 4 Page 35 of 1/2 Rights Bunk to Edstrom. 4/10/10 Book of Deeds 196 Page 350, all rights Bunk to Edstrom 12/3/46 Deeds 302 P 73 1/2 Rights to Flume Gulch Edstrom to Donor
Signature of Owner Bernice E. Edstrom
Date September 26, 1963

INDIANA
STATE OF MONTANA) ss
COUNTY OF SILVER BOW)
LAKE Bernice E. Edstrom having first been duly sworn,
deposes and says that she is of lawful age and is
the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that she knows the contents of said foregoing notice and that the matters and things therein stated are true.

Bernice E. Edstrom
Bernice E. Edstrom

Subscribed and sworn to before me, this 26th day of September, 1963
Notary public for the State of INDIANA, residing at Indiana, my commission expires 7-1-65

8734

750 2 30

STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 19____,
minutes past _____ o'clock _____
of the said day.

Attest my hand
WILLIAM T. BUSHNELL
County Clerk and Recorder
By _____

RECEIVED
DEC 31 1963

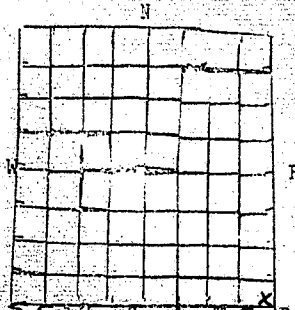
OFFICE OF STATE

STATE ENGINEER

OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961

1. Ernest F. George, of 2911 Anchoret Butte
(Name) (Address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to
the Montana law in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 10 T2 N7 W
Indicate point of appropriation
and piece of use, if possible.
Each small square represents 10
acres.

- 2. The beneficial use on which the claim is based To Supply Water for Domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been From Aug 1-1914 - To Date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 10 Gallons 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 Lots 2-3-4 Sec 15 T2 N7 W

- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Catch Basin AT Spring + Pipe Line
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not Complete to Date
- 8. The depth of water table _____
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2200 feet of 1" pipe from Spring to House
- 10. The estimated amount of groundwater withdrawn each year _____
- 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 _____

Signature of Owner

Ernest F. George
Date Dec 28-63

STATE OF MONTANA)
COUNTY OF SILVER BOW) cs

_____ having first been duly sworn,
depose and say that _____ of lawful age and
the appropriator _____ and claimant _____ of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person _____ whose name
subscribed thereto, as the appropriator _____ and claimant _____, that _____ he _____ know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 30 day of Dec, 1963

Notary Public for the State of Montana, residing at Butte 16970
Jan 14, 1966

251 173

251173

STATE OF MONTANA }
COUNTY OF SILVER BOW }

I hereby certify that the within the amount
was filed at my office on the _____ day of _____ 19____ at
_____ minutes past _____ o'clock
A.M. P.M.

Witness my hand
WILLIAM F. BUSHBY
County Clerk and Recorder

[Handwritten Signature]

OW 2

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

File No. _____

RECEIVED
JAN 25 1965

T. 2 N. R. 7. W. 10

TRIPPLICATE

County Silver Bow

STATE ENGINEER
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) _____

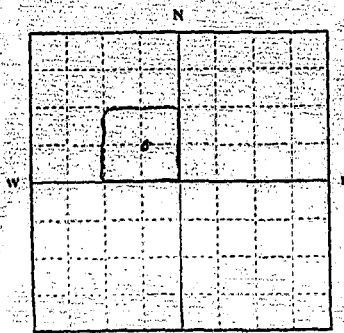
0'-40' decomposed granite. One gal. per Min..

40'-80' decomposed granite
80'-85' white decomposed granite. Twenty five gal. per. min..

Owner: Richard Hoffman Address: Butte, Montana
Driller: O'Keefe Drilling Co. Address: Butte, Montana
Date of Notice of Appropriation of Groundwater: _____
Date well started: Feb. 6, 1964 Date Completed: Feb. 8, 1964
Type of well: Domestic 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" 19#	0'	85'	cutting torch	80'	85'



SE 1/4 NW Sec. 10. T. 2 N. R. 7. W.

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

Show exact depth of bottom. 85'

Static Water Level for non-flowing Well: 60 feet.
Shut-in Pressure for Flowing Well: _____
Pumping Water Level: 79 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well: _____
How Tested: bailey Length of Test: 1 1/2 hours

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

Driller's License Number 18

Driller's Signature Edward E. O'Keefe

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.

28891

#256487

STATE OF MONTANA
COUNTY OF SILVER BOW

I hereby certify that the within instrument
was filed at my office on the 10th day of
July 1911.

WILLIAM F. ...

6"	6"	19"	0'	85'	cutting torch	20'	85'
					Size	Depth	Cost

Static Water Level for non-flowing Well 60 feet.

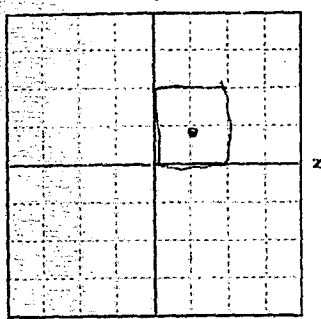
Shut-in Pressure for Flowing Well

Pumping Water Level 70 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: bailey Length of Test: 1 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shaft, loca-
tion 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)



56. M.M. Seale, T.M.R. 711

Bill: Mr. Dermott
 Butzerin: McNulty
 Coyic: Merton
 Darlington: Sullivan
 Dickert:

County Silver Bow

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Richard Hoffman Address: Butte, Montana

Driller: G. Keefe Drilling Co. Address: Butte, Montana

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

Date well started: Feb. 6, 1964 Date Completed: Feb. 8, 1964

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

Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

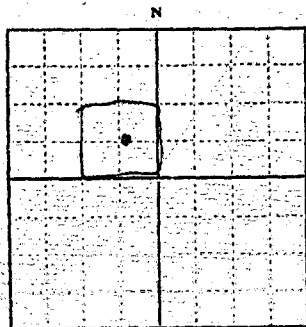
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.



0'-40' decomposed granite. One gal. per. Min..

40'-80' decomposed granite.
 80'-85' white decomposed granite. Twenty five gal. per. min..

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19#	0'	85'	cutting torch	80'	85'



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

Show exact depth of bottom. 85'

Static Water Level for non-flowing Well..... 60 feet.

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

Pumping Water Level..... 70 feet at 25 gal per minute.

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

How Tested..... bailer Length of Test..... 1 1/2 hours

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

Driller's License Number

Edward H. Keefe
 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.

#256482

STATE OF MONTANA,
COUNTY OF SILVER BOW. } ss.

I hereby certify that the within instrument
was filed at my office on the 14th
day of July A. D. 1909
57 minutes past 2 o'clock P.

Attest my hand:
WILLIAM T.
County Clerk
William T. [Signature]

308219

COUNTY OF MONTANA, } ss.
COUNTY OF SILVER BOW.

I hereby certify that the within instrument
was filed at my office on the 12
day of January, D. 1919
19 at 2 o'clock P.M.

Attest my hand:
J. T. ...
County Clerk and Recorder

Handwritten signature

20-7W-15
RECEIVED
JAN 13 1964

MONTANA

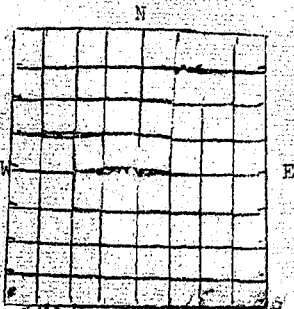
OFFICE OF STATE

STATE ENGINEER

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1961

1. Richard and Jim Gray, of Box 76 Continental Dr. Butte
(Name) (Address) (Town)

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



SM 71 Sec 15 T 20 R 7W
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
watering of livestock
home held complete and

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
April 17-1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
15 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
see known irrigation
1 piece tract 15E-SW-SW

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April 17-1958

8. The depth of water table 30 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
82 ft deep casing size 6 1/2"

10. The estimated amount of groundwater withdrawn each year _____

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

0-3 top soil - 32.7 layers of gravel sand - clay 27-28 coarse gravel under
water 38-39 1/2 ft of silty sand - 35 1/2 ft of coarse sand water
42-50 silty sand - 57" sand - 57-63 coarse sand water
63-65 coarse sand small gravel - 68-72 fine gravel sand & clay

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 Richard J. Gray

Date 1-9-64

STATE OF MONTANA) ss
COUNTY OF SILVER BOW

_____ having first been duly sworn,
depose and say that _____ he _____ of lawful age and _____
the appropriator and claimant _____ of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name _____
subscribed thereto, as the appropriator and claimant _____, that _____ he _____ know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 9 day of JAN, 1964

Notary public for the State of Montana, residing at _____, Commission Expires _____

Henry Paul Rand
Notary Public for the State of Montana
Commission Expires _____

31470

MONTANA

20-70-15
RECEIVED
JAN 13 1964

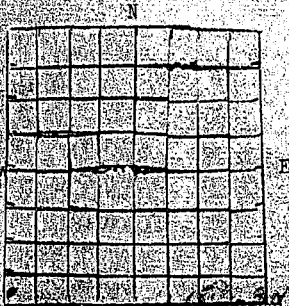
OFFICE OF STATE

STATE ENGINEER

OF VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1961

1. Richard J. Gray of Butte
(Name) (Address) (Town)

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



SM 76 Sec 15 T 20 N R 36 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
water for irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
April 17-1958
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
15 gpm per acre
- 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
1/4 sec 15 SW 1/4 SW
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Motorsal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April 17-1958

8. The depth of water table 30 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
8 1/2 ft deep casing size 6 1/4"

10. The estimated amount of groundwater withdrawn each year _____

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

0-2 1/2' sand, 3-20' layer of sand & clay, 27-28' coarse quartz sand, 29-32' fine sand & silt, 33-34' silt & clay, 35-42' silty sand, 43-48' sand & silt, 49-50' silty sand, 51-52' sand & silt, 53-54' sand & silt, 55-56' sand & silt, 57-58' sand & silt, 59-60' sand & silt, 61-62' sand & silt, 63-64' sand & silt, 65-66' sand & silt, 67-68' sand & silt, 69-70' sand & silt

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 Richard J. Gray
Date 1-9-64

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)
_____ having first been duly sworn,
depose and say that _____ he _____ of lawful age and
the appropriator _____ and claimant _____ of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person _____ whose name
subscribed thereto, as the appropriator and claimant _____, that _____ he _____ know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this _____ day of _____, 1964
Notary public for the State of Montana, residing at _____
NOTARY PUBLIC for the State of Montana
January 14, 1964

31470

251536
351536

STATE OF MONTANA }
COUNTY OF SILVER BOW }

I hereby certify that the within instrument
was filed at my office on the _____
day of _____ A. D. 19____
at _____ o'clock _____

Attest my hand
WILLIAM H. BLIGHT
Notary Public
Wm. H. Blight

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

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

298999
I hereby certify that the within instrument
was filed at my office on the 11
day of 9. 1965.
County Clerk and Recorder
Shirley Miller

RECEIVED
SEP 14 1970

County Silver Bow

**GROUNDWATER CODE
SOURCES BOARD**
**APPROPRIATION OF GROUNDWATER
BY MEANS OF WELL**
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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.

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.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	1'	top soil
1'	22'	sand & clay
22'	85'	sandy clay - some rock
85'	90'	sand - 2 gpm water
90'	110'	sandy clay
110'	120'	sand & water

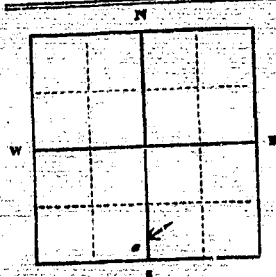
Owner Bill Stetzer
Address 4015 1/2 Ave
Date well started August 14 1970
completed Aug 15, 1970

For Administrator's Use
File 278999
September 11, 1970
L. D. P. M.

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 Average Residential use.
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				PERFORATIONS		
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	1'7"	above 120'	cutting torch	113'	117'



Static water level 80' ft.
Pumping water level 113' ft.
at 30 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by rust pump
for 2 1/2 hours.
Power 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 SW 1/4 Sec. 15
T. 2 N. R. 7 W.
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Drilling Co; any
Driller's Address 2804 Harvard Ave.
Butte, Montana LICENSE NO. 8

120' Show exact depth of bottom
417805

RECEIVED
 OCT 30 1957
 STATE ENGINEER

T. 2 N R. 9 W
 County Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

2		

Owner Reuben Travers Address Silver Bow

Driller _____ Address _____

Date Started August 1930 Date Completed September 1930

Location: Sec. 15 T. 2 N R. 9 W $\frac{1}{4}$ sec. NW 1/4

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

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

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

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

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 52 feet.

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

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Dug by hand and cased with stone cement covering outlet 10 feet below surface.
Piped 300 feet to house for domestic use. A shut-off valve is 75' below well
for detecting clay formation.

(over)

304 913

304 913

STATE OF MONTANA,
COUNTY OF SILVER BURDEAU. } ss.

I hereby certify that the within instrument

was filed at my office on the 4

day of Aug. A. D. 19 10

53 minutes past 2:00 o'clock P.

attest my hand:

Notary Public for Montana
County Clerk and Recorder

Stacy McKee

319535

STATE OF MONTANA, }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the

day of June A. D. 1973
number 319535 of record

HAZEL E. COCHRAN
COUNTY CLERK
Hazel E. Cochran

RECORDED
INDEXED

RECORDED
INDEXED

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 Allen Kohler
ALLEN KOHLER

Address 8 Mile
BUTTE MONTANA

Date well started APRIL 8 1971 GW-1
completed APRIL 9 1971

For Administrator's Use
File 3076.57
April 14, 1971
1:30 pm

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

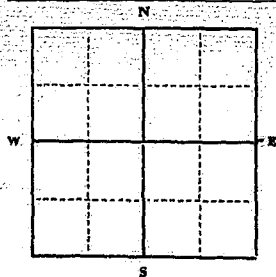
Equipment used CRUISER
(Churn drill, rotary or other)

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 1,000,000 GALS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 IN</u>	<u>6 IN</u> <u>17.02</u> <u>176</u> <u>6250</u>	<u>0</u>	<u>39</u>	<u>None</u>		



Static water level 33 ft.*
Pumping water level 30 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by balling
for 2 hours.
Power 2 Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
water is coming
through end of casing

2.24 1/4 Sec.
T. 2 N. R. 3 E. 6 W.

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

Driller's Signature MORTON J BAUGS

Driller's Address 303A MARTIN DRILLING & PUMP CO.
3218 Sanders St.

Butte Montana LICENSE NO. 39701

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>3</u>	<u>Top Soil</u>
<u>3</u>	<u>27</u>	<u>Loose gray sand</u>
<u>27</u>	<u>55</u>	<u>Brown Sand</u>
<u>55</u>	<u>56</u>	<u>Red Colored Sand (Water Seepage)</u>
<u>56</u>	<u>72</u>	<u>Brown Sand</u>
<u>72</u>	<u>75</u>	<u>Red Colored Sand (Water Seepage)</u>
<u>75</u>	<u>86</u>	<u>Brown Sand</u>
<u>86</u>	<u>90</u>	<u>Sand & Gravel Rocks (Water)</u>

Show exact depth of bottom

302657

STATE OF MONTANA } ss.
COUNTY OF SILVER BOW.

hereby certify that the within instrument
dated at Silver Bow on the 19th day of
April 1914 at 10 o'clock P. M.

WILLIAM T. DUCKHAM
County Clerk and Recorder

By Ernest Bond Deputy

297301

STATE OF MONTANA,
COUNTY OF SILVER BOW. } ss.

I hereby certify that the within instrument
was filed at my office on the 27
day of May 19 76
11 minutes past 12 o'clock P.

Attest my hand:

WILLIAM F. BUCKHART
County Clerk and Recorder

[Handwritten Signature]

RECEIVED

County Silver Bow

SEP 20 1972

DRILLER'S LOG

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

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 Michael Nevin Jean A Nevin
For Administrator's Use

Address Continental Drive File
Butte, Montana 59701 Sept. 19, 1972 - 8:49 a.m.

Date well started August 31, 1972
completed Sept. 1, 1972

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

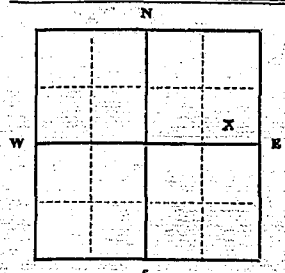
Equipment used Churn Drill
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	32 1/2' +34'	78'	cutting torch	70'	75'



Static water level 48' ft.*
Pumping water level 55' ft.*
at 25 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by bailing & test pumping
for 3 hours.
Power Pump 2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 N 1/2 Sec. 16
T 2 N R 7 E

Lot 32 Continental Acres
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature O'Keefe Contracting Company

Driller's Address 2804 Harvard Ave.

Butte, Montana 59701 LICENSE NO. 8

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0'	2'	top soil
2'	30'	decomposed sand
30'	60'	decomposed sand-clay
60'	70'	dirty, silty sand
70'	78'	coarse sand-water

78' Show exact depth of bottom

1-F/B

51,423

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

Special Instructions:

Please provide the county filing number for the attached form, as indicated in red.

Thank you.

Equipment used CROWN DRILL
(Crown 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 Drilling Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind and Size	From (Feet) To (Feet)
6"	6 5/8" OD x .230	77 1/2' +35'	73'	cutting torch	70' 75'

RECEIVED
NOV 22 1977

MONTANA DEPARTMENT OF NATURAL RESOURCES

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

35 W N 1/4 Sec. 10
T. 2 N. R. 7 E

Lot 32 Continental Acres
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature Charles Corning Company

Driller's Address 2004 Harvard Ave.

Helena, Montana 59601 LICENSE NO. _____

71 _____ Show exact depth of bottom

1-F/B

51,423

Filing Number?

313499

File 570

STATE OF MONTANA,
COUNTY OF SILVER BOW. ss.
I hereby certify that the within instrument
was filed at my office on the 10th
day of Sept 1972 A. D. 10 o'clock
41 minutes past 10 o'clock A.M.
Attest my hand:

HAZEL E. MOORE,
County Clerk and Recorder.

By Rodney Harris, Deputy

RECEIVED

File No.

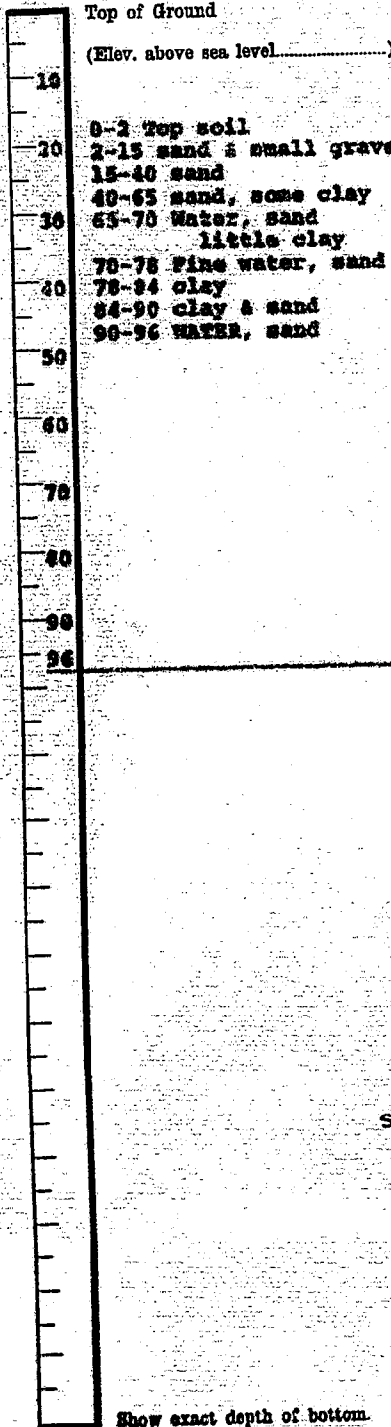
JUN 24 1969

T. *J.W. R. J.W.*
County *Silver Bow*

QUADRUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD



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

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

Owner John Hyde Address Butte, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater May 12, 1969

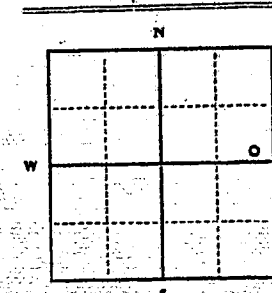
Date well started April 2, 1969 Date completed April 3, 1969

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"	6" I.D. 17 lb.	0	98'	cutting torch	91'	96'



Static Water Level for non-flowing well 45' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 55' feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baller

Length of Test 2 hours

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

SE 1/4 NE 1/4 Sec. 16 T.2.N. R.7.W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Place of Use: Same as well location;
(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).

Domestic use only, Lot 35, Continental Acres, Butte, Silver Bow County, Montana;

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

1534

291791
291791

STATE OF MONTANA, }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument

was filed at my office on the

day of June A. D. 1969

at 1:22 o'clock P.

[Signature]

File No. 16

MONTANA WATER RESOURCES BOARD

T. T. M. R. 2 N

RECEIVED

QUADRUPLICATE

JUN 24 1969

County Silver Bow

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5575')

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Top soil

Granite sands

clay & Granite sands

Granite sands (water)

clay & Granite sands

Granite sands (water)

Owner James Rouse Address Butte, Mont.

Driller Barrus Drilling & Pump Address Butte, Mont.

Date of Notice of appropriation of groundwater Oct. 25, 1968

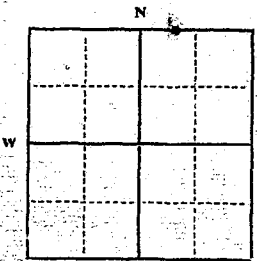
Date well started Oct. 24, 1968 Date completed Oct. 26, 1968

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 in.	6 in. 219 14.97 300	0'	67'	Bored	65'	50'



Static Water Level for non-flowing well 58' feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 45' feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Pumped

Length of Test 7 1/2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) Water is coming through perforations from the granite sands

1/4 Sec. 16 T. 7 R. 2 N
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).

James Rouse

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.

NO. 179
Driller's License Number Barrus J. Barrus
Driller's Signature Barrus J. Barrus

45,370

388393

288

MONTANA WATER RESOURCES BOARD

RECEIVED

JUN 24 1969

STATE OF MONTANA
COUNTY OF DEWEE
I hereby certify that the within instrument is a true and correct copy of the original as the same appears on the records of the County Clerk of the County of Dewee, Montana, this 15th day of June, A. D. 1969.

Margaret L. ...

GW 2

STATE WATER CONSERVATION BOARD

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

File No.

R E C E I V E D
AUG 18 1965

T. 2^N R. 7^W 16

QUADREPLICATE

REFERRED TO _____
LOG

County Blaine

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 5600)

0'-2' top soil

2'-40' silt & clay

48'-51' fine sand, silt, small amount of water

51'-80' silt

80'-85' red sand

85'-90' clay

90'-95' grey sand

95'-98' clay

T2N R7W

$\frac{17}{20} \mid \frac{16}{21}$

T2N R7W

1250' ↑

445' ⊙

1277.5'

⊙ approx location well.

Show exact depth of bottom.

Owner N. Ganswill & Son Address Butte

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater _____

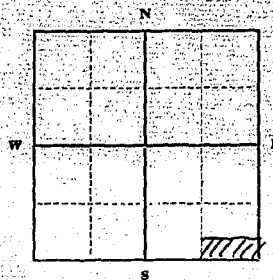
Date well started June 15, 1965 Date completed June 18, 1965

Type of well _____ Equipment used Churn drill, rotary (water) drill
(Dug, Driven, Hydro drilled)

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"	0	99' 6"	cutting torch	94'	99'



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well 55'

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

Discharge in gal. per min. of flowing well 50

How Tested _____

Length of Test 1 hour

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

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

(Continue on reverse side)

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

Went at W. end and 445' long + 100' wide running N.S. used for irrigated tree grass etc. About 3 ac. in lower in West portion. Strata watering probably later on.

Driller's License Number _____
Edward R. O'Keefe
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, tissue copy to be retained by driller.

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

39445

264129

264129

STATE OF MONTANA }
COUNTY OF SILVER BOW. }

I hereby certify that the within instrument
was filed at my office on the 27th
day of July A. D. 1912
at 10 o'clock P.M.

WILLIAM
[Signature]

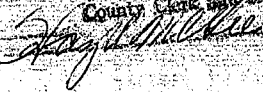
RECEIVED
MONTANA WATER RESOURCES BOARD
APR 13 1970

296531

STATE OF MONTANA,
COUNTY OF SILVER BOW. } ss.

I hereby certify that the within instrument
was filed at my office on the 6
day of July, A. D. 1970, at
5 minutes past three o'clock pm
of the said month.

WILLIAM T. DUCKHAM,
County Clerk and Recorder.



296537

STATE OF MONTANA }
COUNTY OF SILVER BOW. } ss.

I hereby certify that the within instrument
was filed at my office on the 6
day of Apr. 19 1905
27 minutes past 10 o'clock

Attest my hand:

WILLIAM T. FLETCHER
County Clerk and Recorder

Wm. T. Fletcher

obsolete and was

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

This form is identified by

Owner Marty-Seymour

~~3158-S. Montana~~
Address Butte, Montana 59701

Location T. 2N., R. 7W., Sec. 16

Document No. 296527