

152385

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 13 day of Jan 1964 at 12 min. past 9 o'clock A. M.

Records of Lewis & Clark
County, State of Montana

[Signature]
County Recorder

By M. L. Linn
Deputy

[Signature]

File No.

T. 14 N., R. 4 W.

DUPLICATE

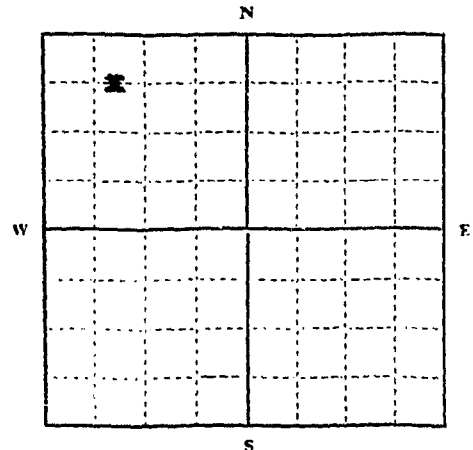
County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CHARLES B. BARRETT, BESSIE BARRETT/ and JOHN F. NOVAK, JR.
(Name of Appropriator) of Route 1 (Address) Helena (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 21, T14N R. 4W.
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 livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1948 by Keith Barnes, predecessor in title of present owners and used continuously since that date spring through fall.
- 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.....
Not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Free flowing spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... Free flowing spring
- 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..... Free flowing spring
- 10. The estimated amount of groundwater withdrawn each year..... Unknown
- 11. The log of formations encountered in the drilling of each well if available. Not applicable
- 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.....

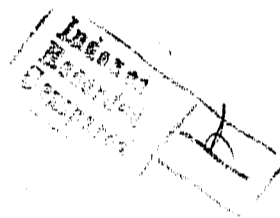
Charles B. Barrett
Mrs Bessie Barrett
Signatures of Owners John F. Novak

Date December 30, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 36185

152379



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1964 at 06 min. past 9 o'clock A.M.

Records of Lewis & Clark
County State of Montana

John Louis

County Recorder

by M. Lass
Deputy

200

File No.

T. 14 N. R. 4 W. 2

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
APR 19 1965

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Montana Highway Comm. Address Helena, Montana

Driller Montana Highway Comm. Address Helena, Montana

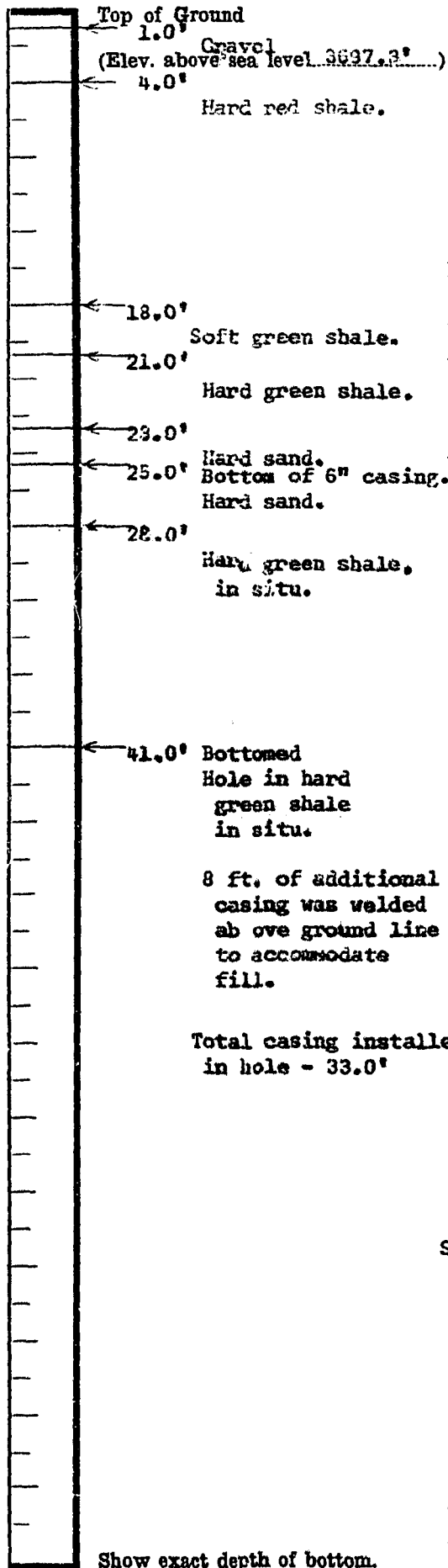
Date of Notice of appropriation of groundwater April 12, 1965

Date well started April 2, 1965 Date completed April 12, 1965

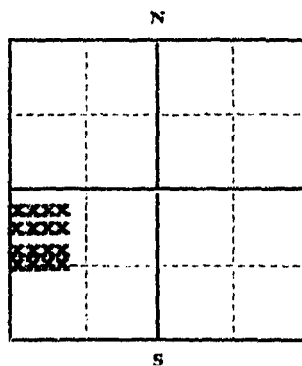
Type of well Drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Rest area water supply.
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" ID | Steel 19.68 lbs. per foot | 8.0' above ground line. | 25.0' below ground line. | None | | |



SW 1/4 Sec. 21 T. 14 N. R. 4 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 5.0 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 21 feet

at 13-1/2 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pumped

Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Bentonite packed around casing at ground line.

(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).

WATER ANALYSIS

pH 8.3
Marble pH 8.3
CO₂ 45 p.p.m.
Phenolphthalein Alkalinity None
Methyl Orange Alkalinity 207 p.p.m. CaCO₃
Total Hardness 196 p.p.m. CaCO₃

None required.
Driller's License Number

[Signature]
Driller's Signature
Date Apr. 12, 1965

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.

39075

#166613

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 16 day of April A.D. 1965 at 45 min past 8 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John L. Kovich
County Recorder

By *Norma H. Kelley*
Deputy

~~2.00~~
No Fee - State

GW 2 208' Lt. of Sta. 312+50
West bound lane Rest Area

I-IG-15-4(3)

Well No. 24

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

File No.

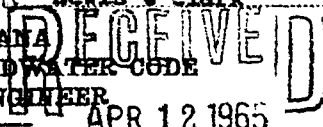
T. 14 N. R. 4 W.

DUPLICATE

County Lewis & Clark

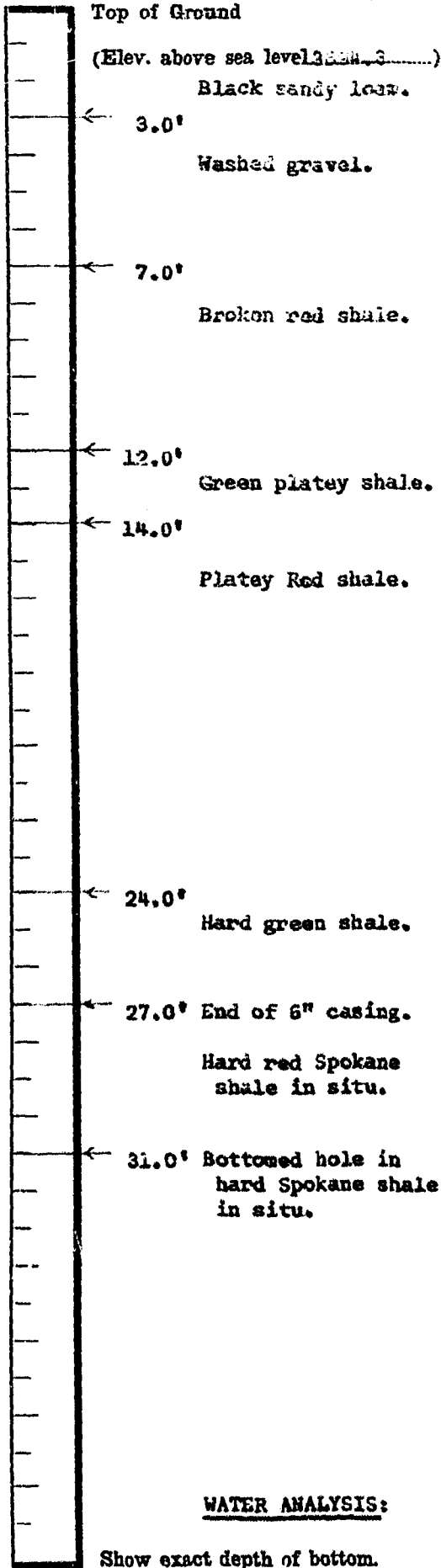
LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater
Appropriation by **MONTANA HIGHWAY COMMISSION**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Owner Montana Highway Commission Address Helena, Montana

Driller Montana Highway Comm. Address Helena, Montana

Date of Notice of appropriation of groundwater April 6, 1965

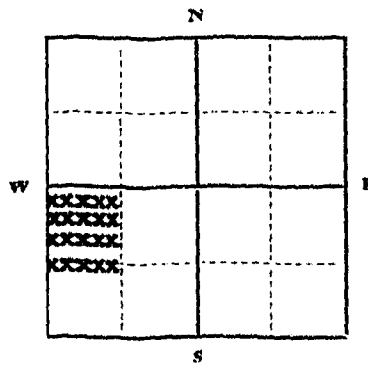
Date well started March 25, 1965 Date completed April 2, 1965

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

Rest Area Water Supply.
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" ID | 6" Steel 19.88 lbs. per foot | 0.0' | 27.0' | NONE | | |



SW 1/4 Sec. 21 T14 N R. 4 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 6.0 feet.

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

Pumping Water Level..... 16.0 feet at..... 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Pumped.....

Length of Test..... 6 hours.....

Remarks: (Gravel packing, cementing, packers, type of shutoff) Bentonite tamped in around casing head.

(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). PM 7.1

WATER ANALYSIS:

| | |
|----------------------------|------------------------------|
| Marble pH | 7.8 |
| CO ₂ | 301 p.p.m. |
| Phenolphthalein Alkalinity | None |
| Methyl Orange Alkalinity | 228 p.p.m. CaCO ₃ |
| Total Hardness | 220 p.p.m. CaCO ₃ |

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.

None required
Driller's License Number
Driller's Signature *Matis. Ep*
Matis. Ep

3906

166430

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in the office of
this 9 day of April
A.D. 1963 at 35 min past
9 o'clock A.M.
Records of Lewis & Clark
County State of Montana

John J. Daniels
County Recorder
By C. Lipid
Deputy
W. J. Fu

APR 10 1963

File No.

T. R.

DUPLICATE

County

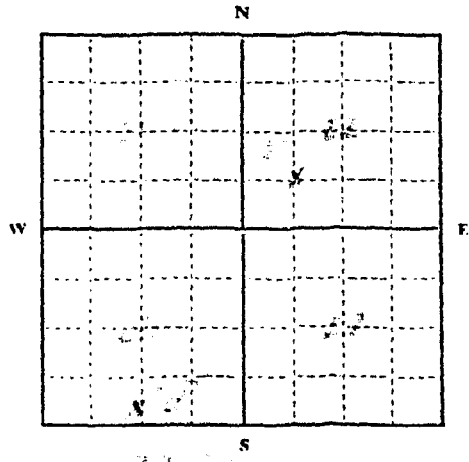
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John J. ..., of Helena, (Name of Appropriator) (Address) (Town)

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



..... 1/4 Sec. T. R.

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.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
- 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.....
- 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 county record.....

Signature of Owner.....

Date.....

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

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

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.

27066

151907

INDEXED

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in
strument was filed in my office on
the 6 day of Jan
A.D. 1967 at 38 min. past
2 o'clock P. M.

Records of Lewis & Clark
County, State of Montana.

[Signature]
County Recorder

By [Signature]
Deputy

20

File No.....

T. 14N R. 4W

DUPLICATE

County Lewis & Clark

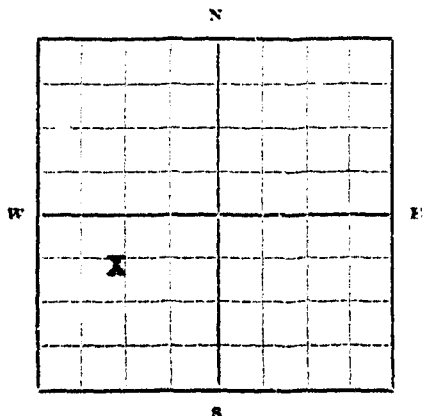
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

STATE ENGINEER

1. The Montana Power Company of 40 East Broadway Butte
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SW 1/4 Sec. 28 T. 14N. R. 4W

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

2. The beneficial use on which the claim is based Domestic consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1931 - continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per minute - 24 hours per day
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well
7. The date of commencement and completion of the construction of the well, well's, or other works for withdrawal of groundwater August 1931
8. The depth of water table 15 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 Drilled 40 feet - 5" casing - pump
10. The estimated amount of groundwater withdrawn each year 60,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

(CORPORATE SEAL)
ATTEST:

[Signature]
Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By [Signature]

Vice President

Date February 1, 1962

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.

130904

RECORDED
INDEXED

STATE OF MONTANA
COUNTY OF DEWEE

I hereby certify that the within and
strung and filed in the office of
this 2nd apr
A.D. 19 02 at 25 o'clock a
9 o'clock a

County Clerk
State of Montana
John Jonick
County Recorder
Lanane C Russell

2:00

File No.

T. 14 N., R. 4 W.

DUPLICATE

County—Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 26 1963
STATE ENGINEER

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

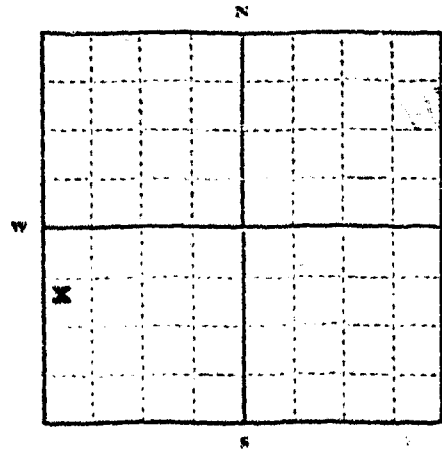
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1948*
Charles B. Barrett
Owners Bessie Barrett Address Rte. 1, Helena, Mont.
John F. Novak Jr.
Contractor (if any) None

Address of Contractor Not applicable

Date Started..... N/A..... Date Completed..... N/A

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



SM 1/4..... Sec. 29 T14N R4W
Indicate point of appropriation and place of use, if possible.

* ~~Appropriation made by Keith Barnes, predecessor in title of present owners, and used continuously since 1948 for watering livestock~~

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. 100 gallons per minute (estimated) Used for watering livestock spring through fall.

Signatures of Owners.....
Charles B. Barrett
Mrs Bessie Barrett
John F. Novak Jr.

Date..... December 30, 1963

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

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

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

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

36181

152375

APPROVED *[Signature]*

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK }

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1964 at 02 min. past 9 o'clock A.M.

[Signature]
County Recorder of Lewis & Clark
County State of Montana

County Recorder
By *M. Lasse*
Deputy

200

30

File No.....

T. 14 N. R. 4 W.

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964
STATE ENGINEER

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

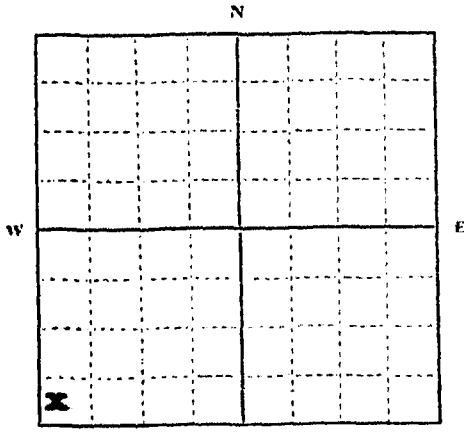
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1948*
Owners Charles B. Barrett
Bessie Barrett Address Rte. 1, Helena, Mont.
John F. Novak, Jr.
Contractor (if any) None

Address of Contractor Not applicable

Date Started N/A Date Completed N/A

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



* Appropriation made by Keith Barnes, predecessor in title of present owners, and used continuously since 1948 for watering livestock

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

estimate approximate lengths of periods of use 50 gallons

per minute (estimated) Used for watering

livestock spring through fall.

SW 1/4 Sec. 20 T14 N. R. 4 W

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

Signatures of Owner Charles B. Barrett
Bessie Barrett
John F. Novak, Jr.

Date December 30, 1963

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

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

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

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

36183

152377

STATE OF MONTANA } ss.
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1964 at 9 o'clock AM in the County of Lewis & Clark State of Montana

County Recorder
By M. Lee
Deputy

2.00

File No.

T. 14 N., R. 4 W.

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964
STATE ENGINEER

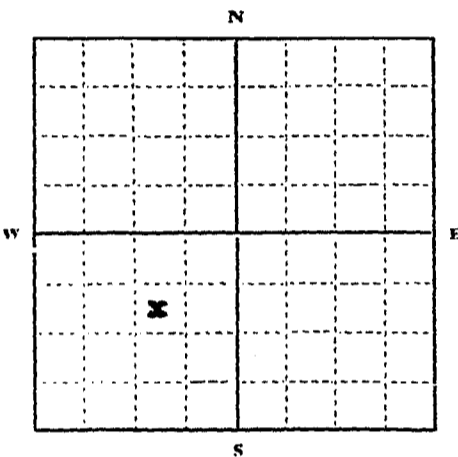
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

and JOHN F. NOVAK JR.

1. CHARLES B. BARRETT, BESSIE BARRETT/ of Route 1 Helena
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 30 T. 14 N. R. 4 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.....
Watering livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 by Keith Barnes, predecessor in title of present owners and used continuously since that date spring through fall
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
Not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Free flowing spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Free flowing spring
- 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
Free flowing spring
- 10. The estimated amount of groundwater withdrawn each year
Unknown
- 11. The log of formations encountered in the drilling of each well if available
Not applicable
- 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 Charles B. Barrett
Mrs Bessie Barrett
John F. Novak Jr.

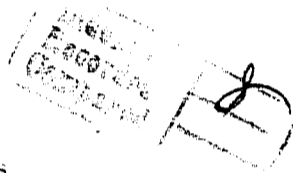
Date December 30, 1963

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

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

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

152383



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1964 at 10 o'clock AM past 9 o'clock AM.

Records of Lewis & Clark County, State of Montana

John J. Powell
County Clerk

M. Ross
Deputy

W. J. ...

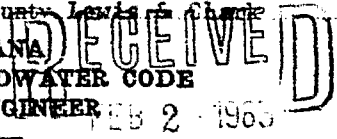
File No.

T. 14 R. 3

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Elaine Chapin Address Wolf Creek, Mont.
Driller Thomas B. Franklin Address Sta. 1. So. Great Falls, Mont.

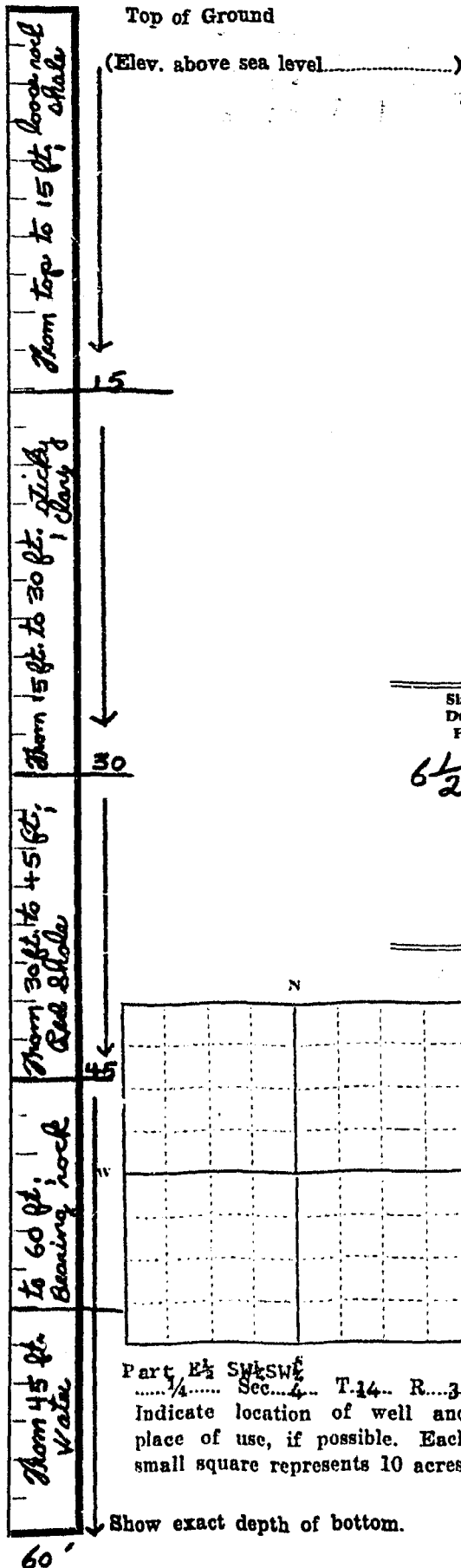
Date of Notice of Appropriation of Groundwater Nov. 25, 1964

Date well started Dec. 20, 1964 Date Completed Jan. 10, 1965

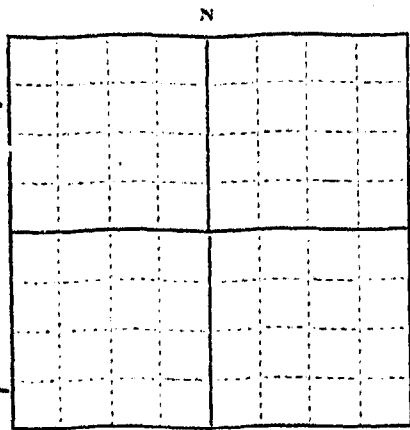
Type of well Drilled Equipment Used Cable Tools
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock Bar Restaurant

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



| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|-----------------------------|-------------|-----------|-----------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6 1/2" | 5 inch I.D. 17 lbs. per ft. | top | Bottom | 1/4" x 2" slots | 40 | 60 |



Part E 1/2 SW 1/4
Sec. 4 T. 14 R. 3
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 40 feet.

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

Pumping Water Level 60 feet at 12 gal. per minute.

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

How Tested Bailer Length of Test 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).....

84
Driller's License Number

Thomas B. Franklin
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.

164725

[Faint, illegible text and markings]

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 23 day of Feb A.D. 1965 at 95 min. of 14 M. Records of Lewis & Clark County, State of Montana.

[Handwritten signature]
County Recorder
C. Lipolis
200

Doc. No. 218557
 Filed for record
 File No. this 7 day of July
 DUPLICATE A. D. 19 71, at 9:15
 o'clock A.M.
 LOG

T. 14N R. 3E
 County Lewis & Clark

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)

DEPARTMENT OF INTERIOR
 BUREAU OF LAND MANAGEMENT
 Owner BLM Address Missoula, Mont.

Driller Hickel + Tooke Address Turner, Mont.

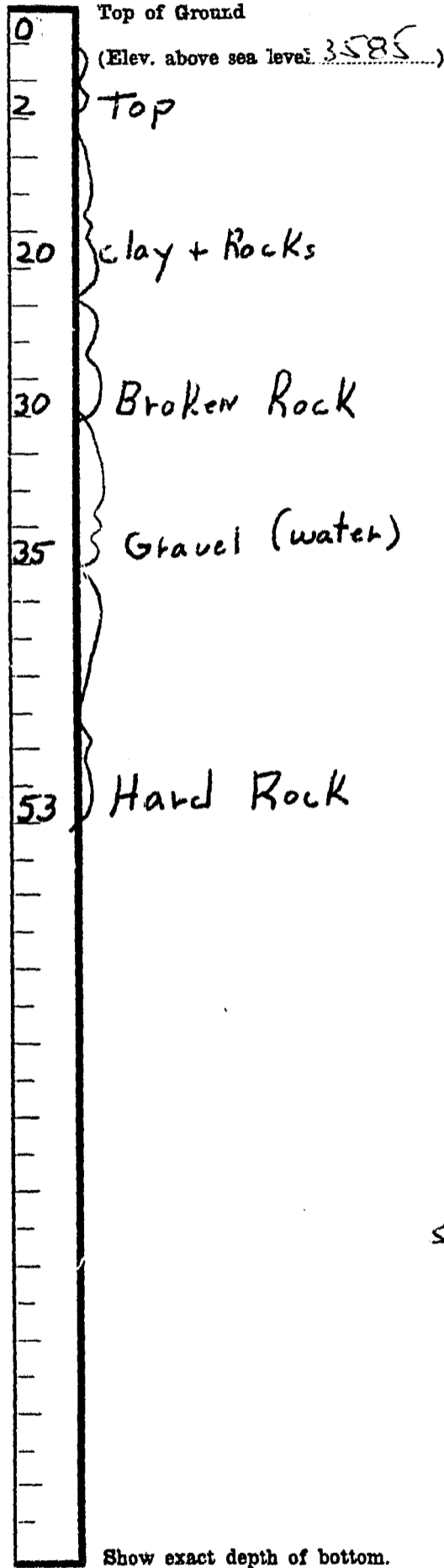
Date of Notice of appropriation of groundwater.....

Date well started 6/3 Date completed 6/12/71

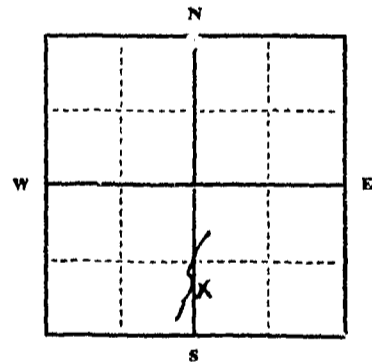
Type of well drilled Equipment used Cable tool
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

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 | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | 6 5/8" 18.97 Per ft | Top | 53' | 12" slits | 23' | 53' |



SW 1/4 SE Sec. 4 T. 14N. R. 3W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 15 feet.

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

Pumping Water Level..... 16 feet
 at..... 60 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... Bailer

Length of Test..... 6 hrs.

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

Cement Grout Top 10'
Gravel packed Bottom 43'

(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.

196
 Driller's License Number

Richard O. Hickel
 Driller's Signature

Robert J. Tooke Jr.
48723

218557

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 7 day of July
A.D. 19 71 at 15 min past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John L. Linn
County Recorder

By *Carol Buckner*
Deputy

B.O.

File No.

T. 14 N R. 3 W

DUPLICATE

County Lewis and Clark

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)

Owner The Montana Power Co Address 40 E. Broadway
Butte, Montana

Driller The Montana Power Co Address "

Date of Notice of appropriation of groundwater September 14, 1967

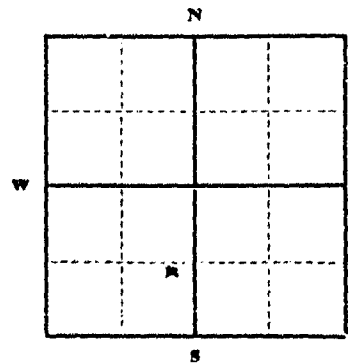
Date well started 9/14/67 Date completed 9/14/67

Type of well Sandpoint driven Equipment used manual
(Dug, Driven, bored or drilled) (Charn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other -**Recreation**

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" | Std. 4" wrought iron pipe | Sur-face | 12' | | | |



Static Water Level for non-flowing well 8 feet.

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

Pumping Water Level..... 8 feet
at..... 40gal. 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).....

Lot 11 SW 1/4 Sec. 5 T14N R3W

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.

THE MONTANA POWER COMPANY

By Will Teller
Vice President

40 East Broadway
Butte, Montana

OWNER AND DRILLER

Driller's Signature
XXXXXXXXXXXX

42,723

190789

| | |
|----------|----------|
| Indexed | |
| Recorded | <i>J</i> |
| Compared | |

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within instrument was filed in my office on this 18 day of Oct. A.D. 1907 at 50 min. past 8 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John Donald
County Recorder

By *Phyllis*
Deputy

2.00

File No. MONTANA WATER RESOURCES BOARD

T. 14 N R. 3 W

DUPLICATE

RECEIVED

County Lewis and Clark

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)

Owner The Montana Power Co. Address 40 E. Broadway
Butte, Montana

Driller The Montana Power Co. Address _____

Date of Notice of appropriation of groundwater September 14, 1967

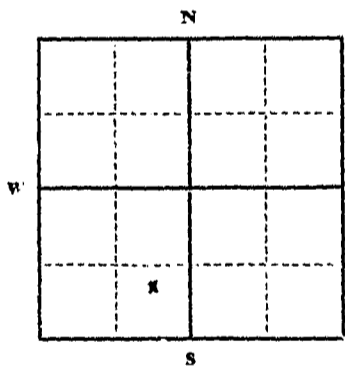
Date well started 9/14/67 Date completed 9/14/67

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other - Recreation

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" | Std. 4" wrought iron pipe | Sur-face | 19' | | | |



Static Water Level for non-flowing well 8 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 8 feet at 40 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) _____

Lot 11 SW 1/4 Sec. 5 T. 14 N R. 3 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.

THE MONTANA POWER COMPANY
By *W. W. Talbot*
Driller's License No. 99 President
40 East Broadway
Butte, Montana
Driller's Signature
OWNER AND DRILLER

42,424

190790

| | |
|----------|----------|
| Indexed | |
| Recorded | <u>2</u> |
| Compared | |

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within instrument was filed in my office on this 19 day of Oct. A.D. 1907 at 55 min. past 8 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

Henry L. Smith
County Recorder

By Phyllis L. ...
Deputy

2.00

G

File No.

T 14 R 3W

DUPLICATE

County Lewis & Clark

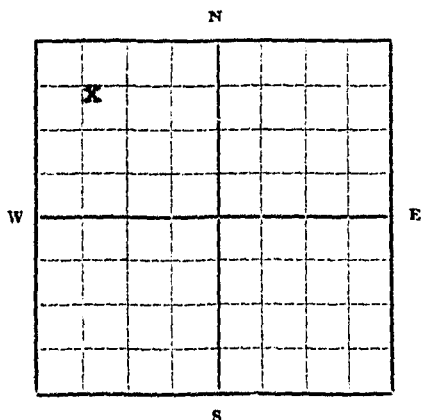
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

1. The Montana Power Company of 40 East Broadway Butte
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW 1/4 Sec. 8, T. 14 R. 3W.

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

2. The beneficial use on which the claim is based Domestic consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Hand-dug well - 1931; replaced by drilled well - 1960. Constant and continuous use since first date above.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.3 gallons per minute (approximately). Approximately 24 hours per day

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 Not used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was drilled in late fall of 1959. Pump installation completed in 1960.

8. The depth of water table 12 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 Drilled well, 6 inch casing, 44 feet deep.

10. The estimated amount of groundwater withdrawn each year Approximately 6,722,800 gal.

11. The log of formations encountered in the drilling of each well if available Approximately 6 ft. sandy loam; 8 ft. quicksand; 4 ft. hardpan; 14 ft. sand and 12 ft. gravel to bottom of well.

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 This well furnishes drinking water and water for household facilities for 11 homes and one apartment.

(CORPORATE SEAL)

THE MONTANA POWER COMPANY

ATTEST:

Signature of Owner By [Signature]

Vice President

Date February 1, 1962

[Signature]
ITS SECRETARY

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

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

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

130897

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } 83.

I hereby certify that the within instrument was filed in my office on this 2nd day of Apr. A.D. 1902 at 9 min. past 9 o'clock A. M.

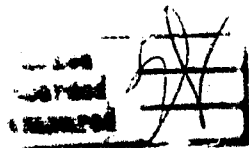
Records of Lewis & Clark
County, State of Montana.

John L. Conrich
County Recorder

Thomas A. Russell
Deputy

2.00

235163



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } sc
I hereby certify that the within in-
strument was filed in my office on
the 30 day of May
19 77 at 06 min. past
1 o'clock P.M.
Records of Lewis & Clark
County State of Montana.

John L. Smith
County Recorder
by *Carol Erickson*
Deputy

A.P.P.

RECEIVED

County LEWIS & CLARK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

DRILLER'S LOG

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

Top of Ground (Elev. above sea level) 3830

| From (Feet) | To (Feet) | |
|-------------|-----------|---------------------|
| SPC | 5 | CLAY |
| 5 | 10 | CLAY |
| 10 | 15 | CLAY |
| 15 | 20 | CLAY |
| 20 | 25 | CLAY |
| 25 | 30 | CLAY |
| 30 | 35 | CLAY |
| 35 | 38 | CLAY |
| 38 | 41 | CLAY & GRAVEL MIXED |
| 41 | 45 | CLAY |
| 45 | 50 | CLAY |
| 50 | 55 | GRAVEL UNIFORM SML |
| 55 | 60 | GRAVEL UNIFORM SML |
| 60 | 65 | GRAVEL UNIFORM SML |
| 65 | 70 | GRAVEL UNIFORM SML |
| 70 | 75 | GRAVEL UNIFORM SML |
| 75 | 80 | GRAVEL UNIFORM SML |
| 80 | 85 | GRAVEL UNIFORM SML |
| 85 | 90 | GRAVEL UNIFORM SML |

Owner NICK PLATISHA

Address 717 32nd ST SO.

GREAT FALLS MONTANA

Date well started Sept. 6, 1971

completed Sept. 20, 1971

For Administrator's Use

File 220902
October 1, 1971
1:55 PM

GW 1

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used ROTARY DRILL

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

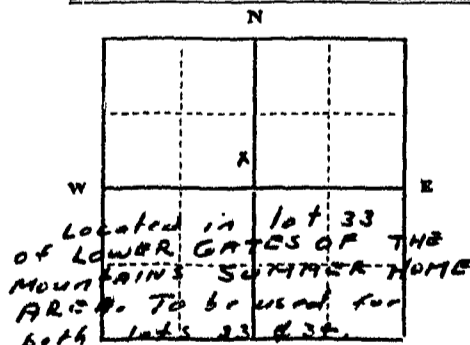
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7 7/8 | 6" plastic PVC | 6' | 80' | 3/8" HOLES | 60 | 80' |
| 7 1/4" | 6" x .280 steel pipe | at top | | | | |



5 E. 1/4 Sec. 15
T. 19 N. R. 3 E

Static water level 22 ft.*
Pumping water level 60 ft.*
at 10 gallons per minute,
measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by air pump
for 1 hour
Power CAT D-8 Pump 140 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
CASING CEMENTED DOWN TO 58 FEET

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

Driller's Signature Geo L Gaylor

Driller's Address 503 - 34th ST N.W.

GREAT FALLS, MONTANA

LICENSE NO. 214

90 FEET Show exact depth of bottom

49189

~~220902~~

220902

Indexed
Recorded
emared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 1 day of Oct
A.D. 19 21 at 10 min. past
1 o'clock A.M.

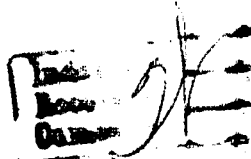
Records of Lewis & Clark
County, State of Montana.

John L. Linnick
County Recorder

by *Betty Stafford*
Deputy

2.00

235129



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK }

hereby certify that the within in-
strument was filed in my office on
the 30 day of May
A.D. 19 73 at 40 min. past
8 o'clock A. M.

Records of Lewis & Clark
County, State of Montana.

John J. Smith
County Recorder

Carol Erickson
Deputy

A.P.O.

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 Ken Hunt
Address 102211 Locust
Great Falls Mont. 57401
Date well started Aug 14, 1971
completed Aug 27, 1971

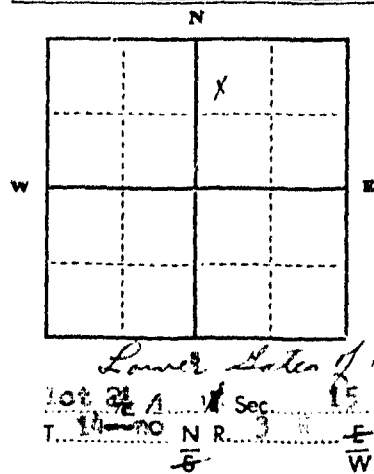
For Administrator's Use
File 202211-9
102211-9-202211
102211-9-202211
GW 1

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

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Packer Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|---------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 3" | | sfc | 20' | | | |
| 6" | | sfc | 200' | | | |
| | .253 | sfc | 91' | | | |



Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.
*Measured from ground level.
Well developed by ALF TRIMM
for 12 hours. Garinger
Power Caterpillar Pump 1000 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
near water shut off by
casing cemented in

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

Driller's Signature
Driller's Address 502 South of U.S. Great Falls, Mont
57401
LICENSE NO. 215

County Richmond

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) | |
| 5 | 5 | overburdened (clay & silt) |
| 5 | 10 | " " |
| 10 | 11 | " " |
| 11 | 15 | Grey shale hd |
| 15 | 20 | " " |
| 20 | 25 | " " |
| 25 | 30 | " " |
| 30 | 35 | " " |
| 35 | 40 | " " |
| 40 | 45 | " " |
| 45 | 50 | " " |
| 50 | 55 | " " |
| 55 | 60 | " " |
| 60 | 65 | " " |
| 65 | 70 | " " |
| 70 | 75 | " " |
| 75 | 80 | " " |
| 80 | 85 | clayish shale water 53% w |
| 85 | 90 | black shale hd |
| 90 | 95 | " " |
| 95 | 100 | " " |
| 100 | 115 | greenish grey shale |
| 115 | 120 | " " |
| 120 | 125 | black shale |
| 125 | 130 | " " |
| 130 | 135 | " " |
| 135 | 140 | " " |
| 140 | 145 | " " |
| 145 | 145 | hard stone hard & tight |
| 145 | 150 | black w/ green shale |
| 150 | 155 | green w/ black shale |
| 155 | 160 | green shale |
| 160 | 165 | " " |
| 165 | 170 | sandstone dry soft |
| 170 | 175 | green shale |
| 175 | 180 | " " |
| 180 | 182 | black cherty shale v hd |
| 182 | 185 | green sandstone dry |
| 185 | 187 | " " |
| 187 | 190 | lt green shale |
| 190 | 195 | grey shale |
| 195 | 200 | green shale |
| 200 | 205 | " " |
| 205 | 210 | grey sandstone hd & dry |
| 210 | 215 | " " |
| 215 | 220 | " " |
| 220 | 225 | " " |
| 225 | 230 | early grey shale |
| 230 | 235 | brownish sandstone |
| 235 | 240 | black shale hd |
| 240 | 245 | " " |
| 245 | 250 | grey sandstone |
| 250 | 255 | grey sandy shale |
| 255 | 260 | " " |
| 260 | 265 | grey sandstone tile |
| 265 | 270 | " " |
| 270 | 271 | black shale hd |
| 271 | 275 | black sand loose 1/2 in |
| 275 | 275 | black shale |
| 275 | 280 | black shale |

280 Show exact depth of bottom

445/13

222019

Indexed
Recorded
Prepared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 26 day of Jan
A.D. 19 71 at 10 min. past
10 o'clock A. and record-
ed on page of Book
of Records and
Clark County, State of Montana.

John Donald
County Recorder

By *Betty Stafford*
Deputy

12.00

236055

| | |
|----------|---|
| Indexed | B |
| Recorded | |
| Compared | |

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 26 day of June
A.D. 1973 at 20 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John J. Lovick
County Recorder

Basel Erickson
Deputy

7.00

File No.

T. 14 N. R. 3 W.

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

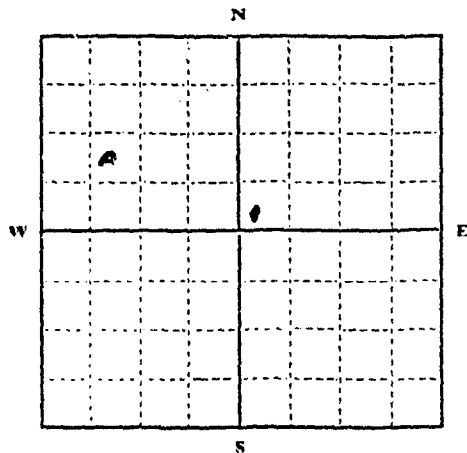
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bearfoot Ranch Co. of Fort Ross, Idaho
(Name of Appropriator) (Address) (Town)

County of Lewis & Clark 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. 14 N. R. 3 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
Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1906

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
not improved

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

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

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 county record

Bearfoot Ranch Co.

Signature of *[Handwritten Signature]*
Secretary

Date 12-27-63

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

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

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

36200

152394

RECORDED
INDEXED
PREPARED

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 13th day of Jan
A.D. 1964 at 21.9 o'clock
P.M. of said day.

County Recorder of Lewis & Clark
County, Montana

William L. Linn

By W. Lase
Deputy

200

File No. _____ AUG 15 1966 T. 14 N. R. 37.

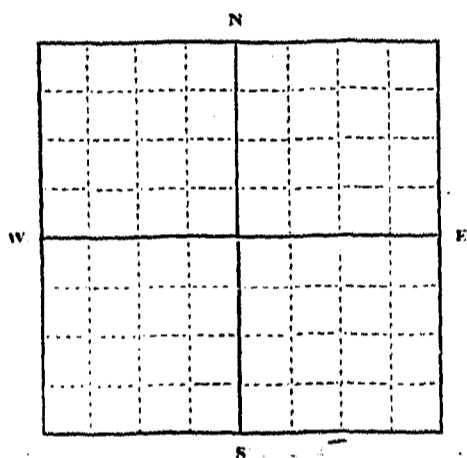
DUPLICATE
Name: M. Dermott
County: Lewis & Clark
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 4, 1966
Owner: G.S. Fawcett Address: 801 Maryland, Butte
Contractor (if any): None
Address of Contractor: _____
Date Started: _____ Date Completed: _____



1/4 Sec. 31 T. 14 N. R. 37

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

- Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.): developed spring: water is taken from overflow box by pipe 1 1/4 inches in diameter. Box dimensions: 2 feet X 4 feet X 3 feet
- Means of withdrawing water (gravity, pump, canal, etc.): gravity by means of pipe
- Depth of water table: _____
- Use of the water: Household uses
- Amount of groundwater claimed (in miner's inches, or gallons per minute): 16 cubic feet per hour
- If used for irrigation, give number of acres and description of land: None
- Estimate amount of water used each year: 15,000 gallons

Signature of Owner: *Gordon S. Fawcett*
Date: 8-11-66

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.

41,311
476-311

INDEXED
RECORDED
180570

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 17 day of Aug A.D. 1966 at 35 min. past 11 o'clock A.M.

Records of Lewis & Clark County, State of Montana.

John J. Donich
County Recorder

By M. L. Lase
Deputy

200

Wells No, 2

File No.....

T. 14N R. 3W. 36

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER JUL 8 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner... Beartooth Ranch Co. Address... Wolf Creek, Montana

Driller... Price & Lindsay Address... Clancy, Montana

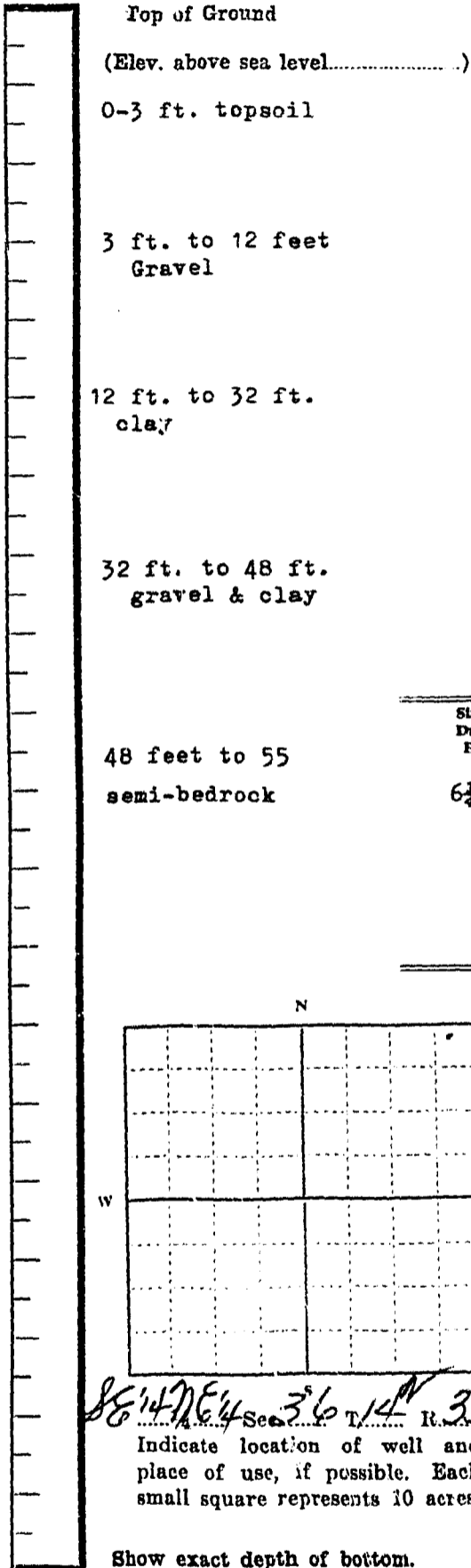
Date of Notice of Appropriation of Groundwater.....

Date well started... 3-8-64 Date Completed... 3-12-64

Type of well..... Equipment Used.....
(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 1/2 a.d. | 171 b | 0 | 55 | 1/4 X 1 1/2 | 21 ft. | 50 |

Static Water Level for non-flowing Well... 8 feet.

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

Pumping Water Level... 45 feet at 80 gal. per minute.

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

How Tested... Boiler Length of Test... 3 hrs.

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

10 to 20 acres

Hay & lawn

38
Driller's License Number

Wesley Lindsay
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.

38257

15836

| | |
|-----------|-------------------------------------|
| Indexed | <input checked="" type="checkbox"/> |
| Recorded | <input type="checkbox"/> |
| Completed | <input type="checkbox"/> |

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 6th day of July A.D. 1964 at 30 min. past 12 o'clock P.M.

Records of Lewis & Clark
County of Montana.

John L. Powell

County Recorder

By *Thomas C. Russell*
Deputy

2:00

File No.

T. 14N R.3W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER JUL 8 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Beartooth Ranch Co. Address Wolf Creek, Montana

Driller Price & Lindsay Address Clancy, Montana

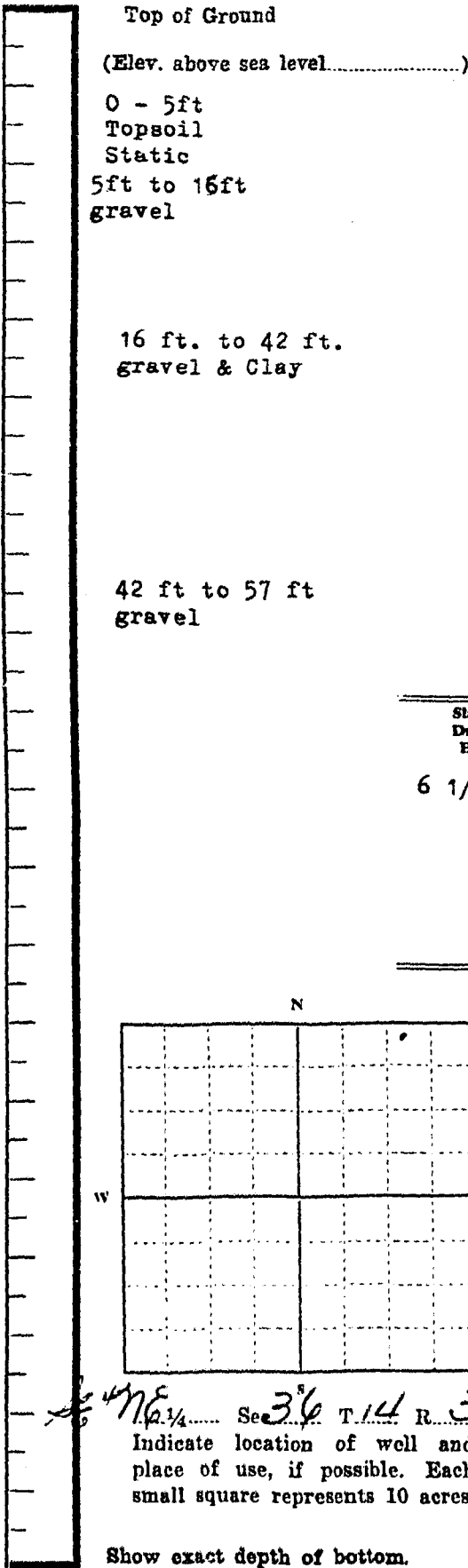
Date of Notice of Appropriation of Groundwater March

Date well started April 1, 1964 Date Completed March 6, 1964

Type of well Drilled Equipment Used churn
(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 1/4 a.b. | 171 b | 0 | 57ft | 1/2 X 1 1/2 | 55 | 40 |

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 30 feet at 125 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Boiler Length of Test 3 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)

10 to 20 acres
hay

38
Driller's License Number
Wesley Lindsay
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.

38256

158361

| | |
|----------|-------------------------------------|
| Indexed | <input checked="" type="checkbox"/> |
| Recorded | <input checked="" type="checkbox"/> |
| Compared | <input checked="" type="checkbox"/> |

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 6th day of July A.D. 1912 at 12 o'clock P.M.

Records of Lewis & Clark County, State of Montana

Allen Tonich
County Recorder

Louise E. Russell
Deputy

\$ 2.00

File No.

T. 14N R. 2E

DUPLICATE

County: *Liberty*

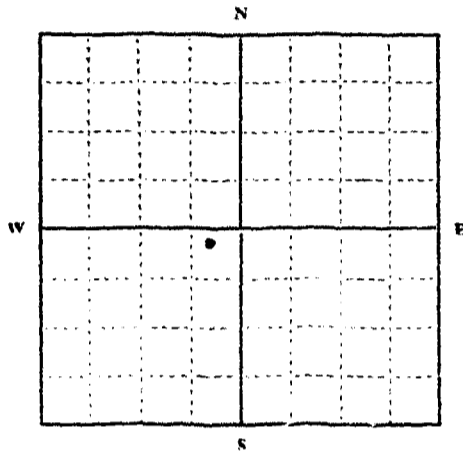
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Beartooth Ranch Co.**, of **Box 835** **Helena**
(Name of Appropriator) (Address) (Town)
County of **Liberty & Clark** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 3 T. 14 R2E

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

- 2. The beneficial use on which the claim is based **domestic**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **April 5, 1960 tested and capped**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **5 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **electric pressure system (future)**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **completed April 5, 1960**
- 8. The depth of water table **25 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 **drilled and cased 6 1/4 ID steel pipe to 70'**
- 10. The estimated amount of groundwater withdrawn each year **50,000 gallons (future)**
- 11. The log of formations encountered in the drilling of each well if available **Na**
- 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 *Beartooth Ranch Co*
by *W. J. Libland*
Date *12/11/63*

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

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

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

151459

STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 30 day of Dec. A.D. 19 63 at 3 min. past 3 o'clock P. M.

Records of Lewis & Clark
County, State of Montana

[Signature]
County Recorder

By Norma Kelley
Deputy

2.00

RECORDED
INDEXED
[Handwritten mark]

File No.

T. 14N R. 2W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

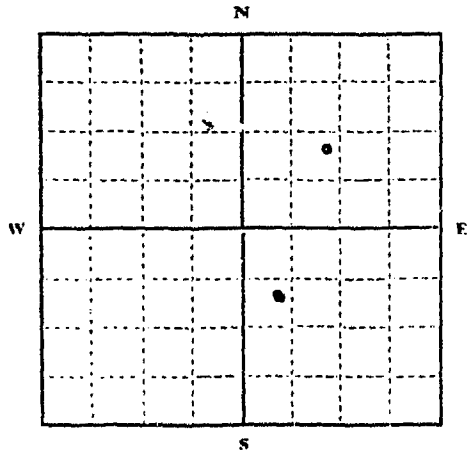
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Beartooth Ranch Co., of Box 835 Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 & SE 1/4 Sec. 9 T.14N R.2W

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

NW 1/4 Sec. 11, T.14N R. 2W

2. The beneficial use on which the claim is based.....
Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1906

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pipe on SE 1/4

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

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.....

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 county record.....

Beartooth Ranch Co.

Signature of Owner Virginia L. Parry Secretary

Date 12-27-63

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

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

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

36195

152389

152389
1/13/64

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

hereby certify that the within instrument was filed in my office on this 13 day of Jan A.D. 1964 at 16 min. past 9 o'clock A. M.

Records of Lewis & Clark
County, State of Montana.

Steven L. Linnick

County Recorder

By M. Lass
Deputy

s. J. C.

File No.

T. 14N R. 2W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 16 1964

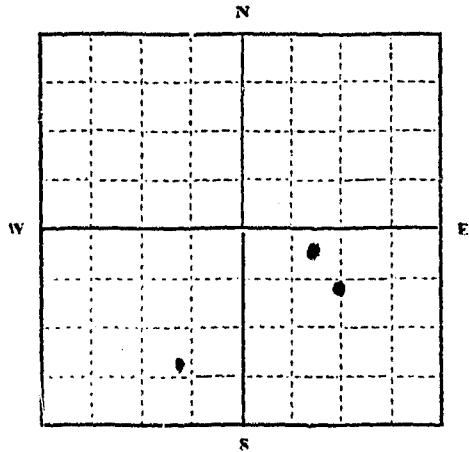
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Beartooth Ranch Co., of Box 835 Helena
(Name of Appropriator) (Address) (Town)

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



SE 1/4 & SW 1/4 Sec. 15 T. 14N R. 2W

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
stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1906

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

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

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

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

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

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 county record

Beartooth Ranch Co.

Signature of Owner Secretary

Date 12-30-63

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

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

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

36199

152 393

Indexing
Recording
Commissioner
[Signature]

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 13 day of Jan
A.D. 1964 at 20 past
9 o'clock a. M.

Recorder of Lewis & Clark
County, State of Montana.

[Signature]

County Recorder

By *M. Love*
Deputy

22nd

File No.

T. 15 14 R. 2 W.

DUPLICATE

County Lewis & Clark

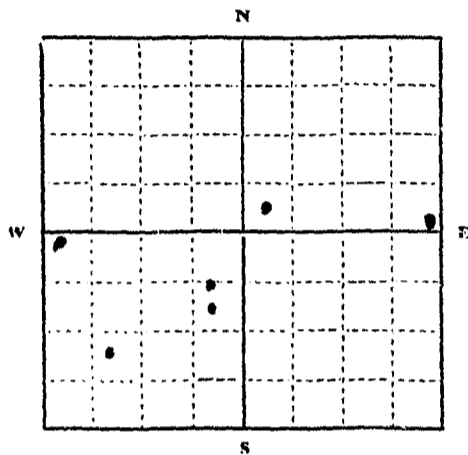
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Beartooth Ranch Co., of Box 835 Helena, (Town)
(Name of Appropriator) (Address)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 & SW 1/4 Sec. 17 T. 14 N. R. 2 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.....
stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1906
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pipe
Two in SW 1/4 improved and one in NE 1/4

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

Beartooth Ranch Co.

Signature of *[Handwritten Signature]*
Secretary

Date 12-27-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 36198

152 392



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on

the 13 day of Jan
1964 at 17 min 15 sec
of 10 o'clock A. M.

[Signature]
County Recorder of Lewis & Clark

County Recorder
By M. Lass
Deputy

212

File No.

T. 14N R. 2E

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

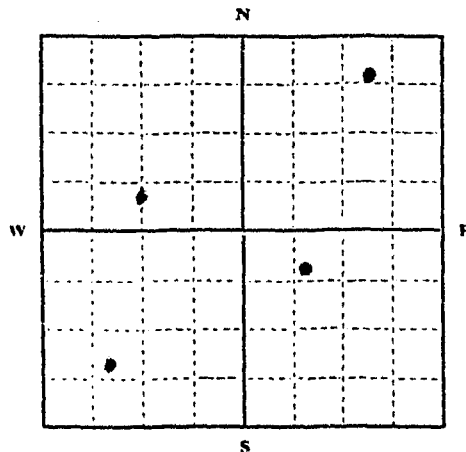
APR 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Beartooth Ranch Co. of Box 655, (Name of Appropriator) (Address) (Town)

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



SE 1/4 & NW 1/4 Sec. 19 T. 14N R. 2E

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

NE 1/4 & SW 1/4 Sec. 23 T. 14N R. 2E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1906

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Sec. 23 improved pipe

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

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.

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 county record.

Beartooth Ranch Co.
Signature of [Signature] Secretary
Date 12-27-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator. 36201

152395

RECORDED
INDEXED
OCT 13 1904

STATE OF MONTANA)
COUNTY OF LEWIS & CLARK)

I hereby certify that the within in-
strument was filed in my office on
this 13 day of Jan
A.D. 1904 at 2:20 min. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

[Signature]
County Recorder

By M. Lass
Deputy

82

File No.

T. 14N R. 27E

DUPLICATE

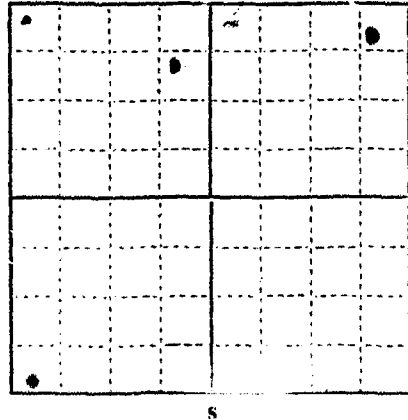
County Lewis & Clark 31

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fourtooth Ranch Co., of Helena,
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW
1/4 Sec. 30 T. 14N R. 27E

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

NW 1/4 Sec. 31 T. 14N R. 27E

NE 1/4 Sec. 27 T. 14N R. 27E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1906

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pipe (not improved only)

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

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

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 county record

Fourtooth Ranch Co.

Signature of Arthur W. ... Secretary

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.

36197

152391

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 13 day of June 1964 at 10 min. past 9 o'clock a.M.

Record of Lewis & Clark
County, State of Montana

William J. Powell

County Recorder

By M. L. Linn
Deputy

200

File No.

T. 14N R. 2W

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

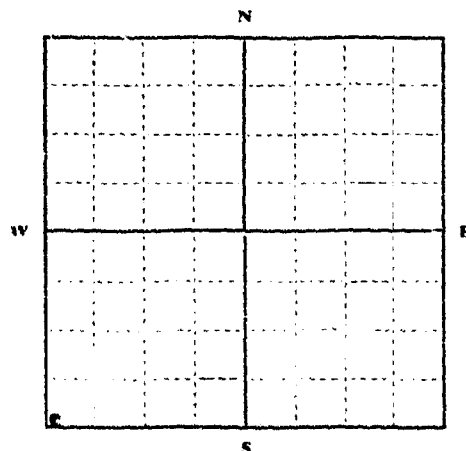
RECEIVED
JAN 2 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Beartooth Ranch Co.**, of **Box 855** **Helena**
(Name of Appropriator) (Address) (Town)
County of **Lewis & Clark** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 31, T. 14N, R. 2W

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

2. The beneficial use on which the claim is based **domestic and irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **October 10, 1959**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **100 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 **5 acres in SW 1/4 Sec. 31, T. 14N R. 2W**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **October 10, 1959**

8. The depth of water table **5 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 **6 1/4 perforated steel casing 60' depth**

10. The estimated amount of groundwater withdrawn each year **3 million gallon**

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

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 *Beartooth Ranch Co*
W. J. Libb
Date **11/12/61**

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.

17494