

STATE WATER CONSERVATION BOARD

File No. _____

OCT 19 1965

T. 31 R. 23

DUPLICATE

Billie _____ McDermott _____
Bull _____ Malloy _____
Cove _____ Morton _____
Dunagan _____ Sullivan _____
Dickert _____

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

Owner R. W. Gray Address Harlem, Montana

Driller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water _____

Date well started Sept. 27, 1965 Date Completed Sept. 29, 1965

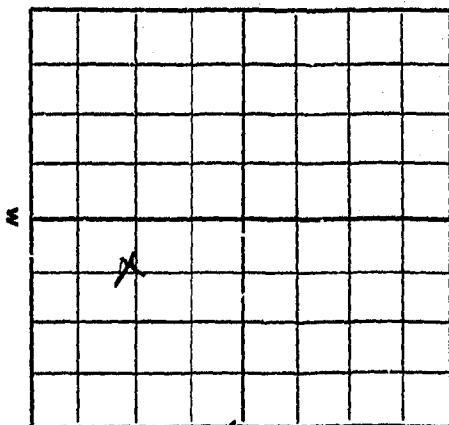
Type of well Drilled Equipment used Cable tools
(dug, driven, bored or Churn, drill, rotary or
drilled) other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground
(Elev. above sea level)
26 brown clay
91 blue shale
78 sandstone and water
101 blue shale

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 530.c. 15 Lbs | 2'A.G. | 101 | 3/16 | 91 | 101 |



Malta, Mont. Sec. 3 T. 31 R. 23
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 26' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 79' feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer

Length of Test 1 hour

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) _____

15

Driller's License Number

[Signature]
Driller's Signature

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.

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 Appropriator.

257006

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 18 DAY
OF October A. D. 1965

AT 9:40 O'CLOCK A. M.

Gora L. Mueser
COUNTY CLERK

Cather Sheets
DEPUTY

FILE

200

File No.

T. 31 R. 24

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

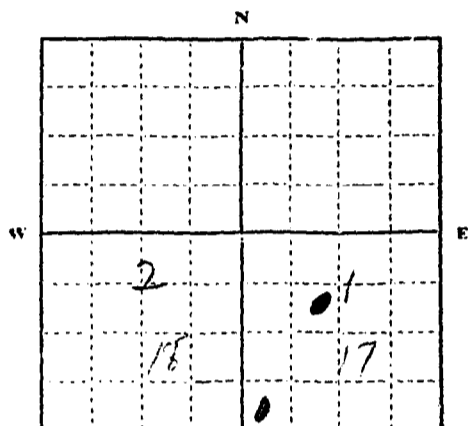
DEC 4 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Del Roy Stout, of Harlem
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



10 1^s 31 24

1/4 Sec. 7 T. 31 R. 25

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 (1) Household + stock water (2) Tap water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1952 continuous use (2) 1958 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 1000 gallons per minute (2) continuous 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 (1) yard + garden irrigation (2) none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) jet pressure pump (2) jet pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (1) Don't have the dates (2) Don't have the dates

8. The depth of water table (1) 165 ft (2) 170 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 (1) Drilled 5" casing 200 ft (2) Drilled 5" casing 175 ft

10. The estimated amount of groundwater withdrawn each year (1) 500,000 gal (2) 2,000,000 gallons

11. The log of formations encountered in the drilling of each well if available (1) not available (2) 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 (1) none (2) none

Signature of Owner Del Roy Stout

Date Nov 23 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.

11763

251385

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 3 DAY
OF December A. D. 1963
AT 10:45 O'CLOCK A M.

Carl R. Magnus
COUNTY CLERK
Cather Sheet

DEPUTY
FEE 20

File No. _____

T 31 R 24

DUPLICATE

SEP 27 1966

County Blaine

Top of Ground
(Elev. above sea level _____)

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 School District 35 Address Savoy, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water _____

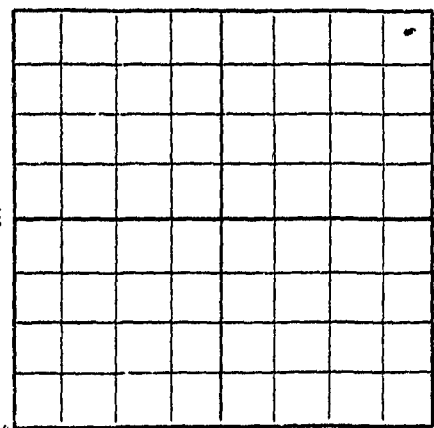
Date well started August 4, 1966 Date Completed August 5, 1966

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other school

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) |
| 8 | 6" | 19# | 0 | 49 | 1/8 X 6" | 22 | 49 |
| | | | | | torch | | |



Block 10, lot addition to Savoy townsite, Savoy

NE 1/4 Sec. 1 T. 31 R. 24
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing well 11 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 35 feet

at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested hailer

Length of Test one hour

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)

placed two packers on above perforations

15
Driller's License Number

H. C. Simpson
Driller's Signature

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

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

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

41,448

258646

258646

STATE WATER CONSERVATION BOARD

SEP 23 1966

Blair
Butcher
Coy
Darlington
Dickett

STATE OF MONTANA
County of Blaine

Filed for record this 22 Day
of September A. D. 1966
At 8:34 O'clock PM M. P.
Carla L. Thurgood
County Clerk

Deputy
For D. Chy

DE JUDICE

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File No.

T. ~~31-33~~ 24

DUPLICATE

County Blaine

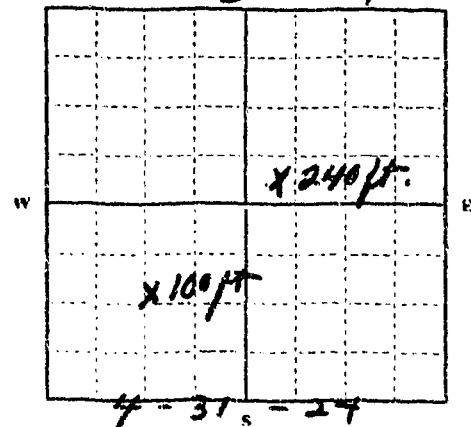
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edward L. Kubitza, of HARLEM A
(Name of Appropriator) (Address) (Town)
County of Blaine State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

Sec 33-32-24



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 House and livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 - all year
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pumps

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 8 ft. to water one at 100 ft. dp. one at 240 ft. dp.

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 in. casing. 100 ft. deep.
5 in. casing. 240 ft. deep. in sand stone

10. The estimated amount of groundwater withdrawn each year don't know yrs. 100,000 gal

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

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

Signature of Owner Edward L. Kubitza
Date Dec 10, 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.

252056

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY

OF December A. D. 1963

AT 4:25 O'CLOCK P M.

Caro L. Musgrave
COUNTY CLERK

FEE 2.00

DEPUTY

RECEIVED

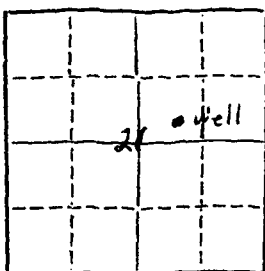
115 13 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 31 N R 24 E
County Blaine

21

WATER WELL LOG



Owner Nancy DeCelles Address Dodson, Montana

Driller R. C. Simpson Address Malta, Montana

Date Started January 16, 1959 Date Completed February 5, 1959

Location: Sec. 21 T. 31 N R. 24 E 1/4 sec. NE

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

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

Casing: 0 ft. to 95 ft. Type screw joint Size 4 inch

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

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

Perforated or Screened: Ft. 63 to ft. 95 Ft. _____ to ft. _____

Type of screen or perforations 3/16 drilled holes

Static Water level, for non-flowing well: 20 feet.

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

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

How tested: bailer

Length of test: one hour

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

(over)

File No. _____

T 31 R 24
County Blaine

TRIPPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
AUG 27 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Thomas O. Brian Address Norton Norton

Driller _____ Address _____

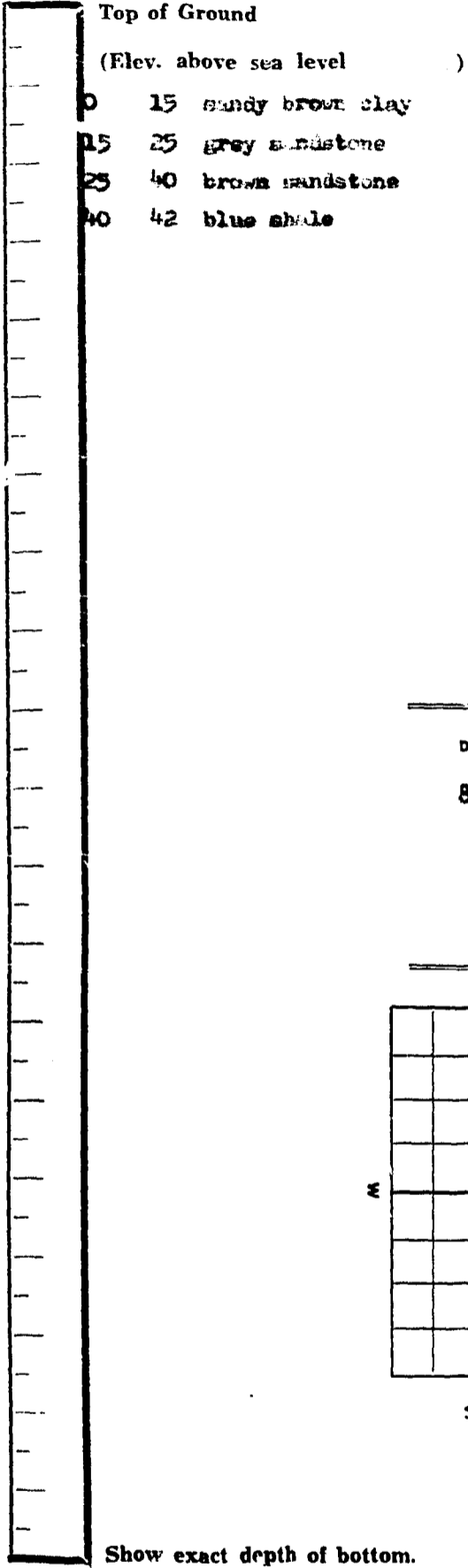
Date of Notice of appropriation of ground water _____

Date well started SEP 2 19, 1963 Date Completed AUG 24, 1963

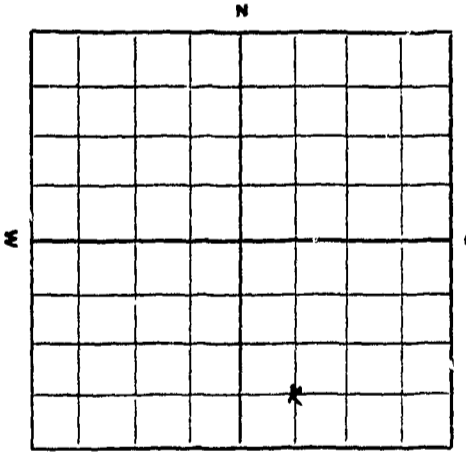
Type of well drilled Equipment used churn
(dug, driven, bored or drilled) Churn, drill, rotary or other)

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 Casings | | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|----------------------------|-------|-------------|------------|--------------|-------------|-----------|
| | | | | | Kind Size | From (Feet) | To (Feet) |
| 8 | 6 | 19 lb | 0 | 1/8" slots | 20 | 35 | |



S 1/4 Sec 9 T 31 R 24
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well 10 1/2 feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested baller

Length of Test one hour

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)

15
Driller's License Number
Robert C. Simpson
Driller's Signature

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

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

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

5 1 66

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 26 DAY

OF Aug A. D. 1963

AT 9:50 O'CLOCK A. M.

Carroll M. Munn
COUNTY CLERK

Esther Shultz
DEPUTY

20

RECORDED
INDEXED
AUG 27 1963
COUNTY CLERK

File No.

T. 31 R. 25

DUPLICATE

County Blaine

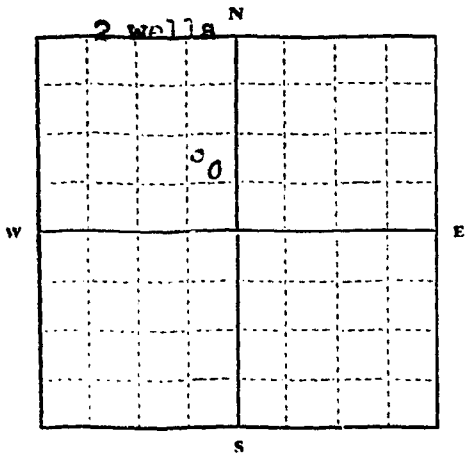
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Crook Bros., of Harlem, Mont. Rte. 1
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 5 T. 31 R. 25
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 and household
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since 1945
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal. per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal submerged pumps
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in 1945
- 8. The depth of water table 65 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 with 6 inch casing installed
- 10. The estimated amount of groundwater withdrawn each year one million gal.
- 11. The log of formations encountered in the drilling of each well if available drilled to 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

Signature of Owner Crook Bros by John C Crook
Date Dec 26 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.

252046

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 3:30 O'CLOCK P M.

Cara L. Musgrave
COUNTY CLERK

FEE 2.00 DEPUTY

File No.

T31 R. 25

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

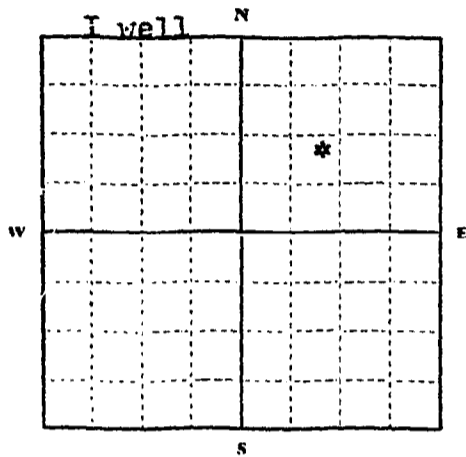
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Cronk Bros, of Harlem, Mont. Rte. I
(Name of Appropriator) (Address) (Town)

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since 1955

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric motor on cylinder lift pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed in 1955

8. The depth of water table 80 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, with 6" casing installed

10. The estimated amount of groundwater withdrawn each year one million gallons

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

Signature of Owner Cronk Bros by John C Cronk
Date Dec. 26, 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.

252044

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 3:30 O'CLOCK P M.

Lara L. Musgrave
COUNTY CLERK

DEPUTY
FEE 2⁰⁰

File No. _____

T 31 R 25
County Blaine

DUPLICATE

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)

| | | |
|----|----|-----------------------|
| 0 | 1 | top soil |
| 1 | 5 | sandy brown clay |
| 5 | 38 | tan clay |
| 38 | 68 | blue clay |
| 68 | 75 | small rocks blue clay |
| 75 | 80 | sand gravel water |

Owner Sam Kabitza Address Savoy, Montana
Driller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water _____

Date well started April 3, 1971 Date Completed April 8, 1971

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

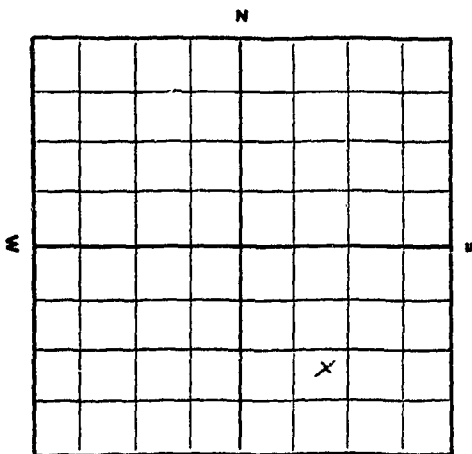
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Doc. No. 266829
Filed for record
this 21st day of April
A. D. 19 71, at 2:09
clock P. M.

| Size of Drilled Hole | Size and Weight of Casings | | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|----------------------------|------|-------------|-----------|--------------|-----------|--|
| | Kind | Size | | | From (Feet) | To (Feet) | |
| 7 1/2 | 5" | 14# | 0 | 80 | none | | |

Estimated annual withdrawal 180,000 gallons



1/4 Sec. 11 T. 31 N. R. 25 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing well 6 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 9 1/2 feet

at 40 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pumped

Length of Test 30 minutes

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) _____

15
Driller's License Number
Robert Simpson
Driller's Signature

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

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

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

48386

266829

266829

STATE OF MONTANA }
County of Blaine }

Filed for record this 21 Day
of April A. D. 19 71
At 2:04 P. M.

Lucille A. Schmidt County Clerk
Deputy

Fee 3.00

12

File No.....

T. 31 R. 25

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... *owned since 1947*
Owner *Carlitt Chamberlain* Address *Harlem, Mont.*

Contractor (if any)

Address of Contractor

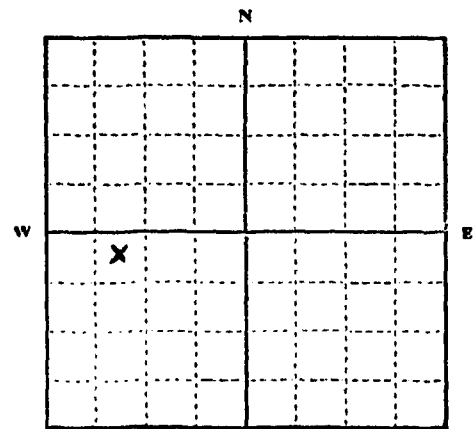
Date Started..... Date Completed.....

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

Natural Spring
Placed sub 10 yrs ago
to increase flow

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.....

Continuous use



S 1/2 SW 4 Sec. *12* T. *31* R. *25*

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

Signature of Owner *Carlitt Chamberlain*

Date *Oct 28 - 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.

6702

File No.

T. 31 R. 25

DUPLICATE

County. Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 30 1963

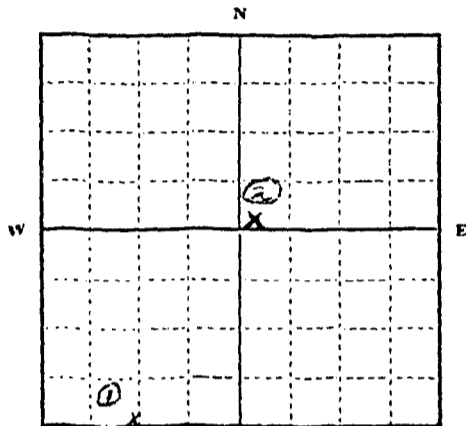
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. [Signature], of [Address], (Town) [Town]
(Name of Appropriator) (Address) (Town)

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



N 1/4 SE 1/4 12 31 25
SW 1/4 NE 1/4 Sec. 13 T31 R25

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 stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 since 1957. Continuously
in winter - 25 days since 1947
used occasionally

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No. 1 - 15 gals
No. 2 - 10 gals

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. Pump down by water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 2 - 1947, see preliminary
No. 1 - 1957

8. The depth of water table. No. 2 - 110 ft - No. 1 - 267 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year. 15,000 + 100,000 gals
15,000 + 100,000 gals

11. The log of formations encountered in the drilling of each well if available. No. 1 - sandstone
No. 2 - sandstone, probably sandstone

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

Signature of Owner [Signature]
Date Oct 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.

6701

File No.

T. 31 R. 25

DUPLICATE

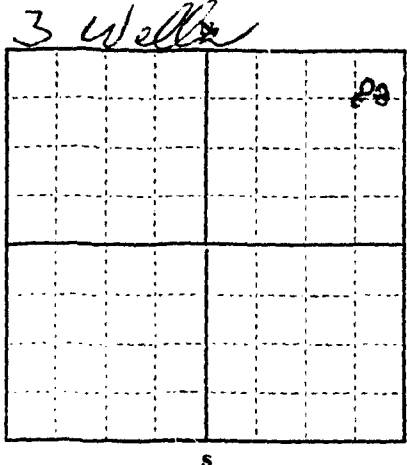
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cronk Bros of Harlem, Mont. (Town)
(Name of Appropriator) (Address)
County of Blaine State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based livestock
and household

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Continuous use since 1943

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 25 gal. per min.

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

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal submerged pumps

SW 1/4 Sec. 21 T. 31 R. 25

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater two wells completed in 1943 and one completed in
1950

8. The depth of water table two wells at 110 and one at 210 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 wells with 6 inch casing installed

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

11. The log of formations encountered in the drilling of each well if available all wells carried to
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

Signature of Owner

Cronk Bros by
John E Cronk

Date Dec 26, 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.

21888

252045

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 3:30 O'CLOCK P M.

Cara L. Inman
COUNTY CLERK

700 DEPUTY

File No. _____

T 31 R 26

TRIPPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 22 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Cook Bros Address Dodson, Montana

Driller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water _____

Date well started 10/1/63 Date Completed 10/3/63

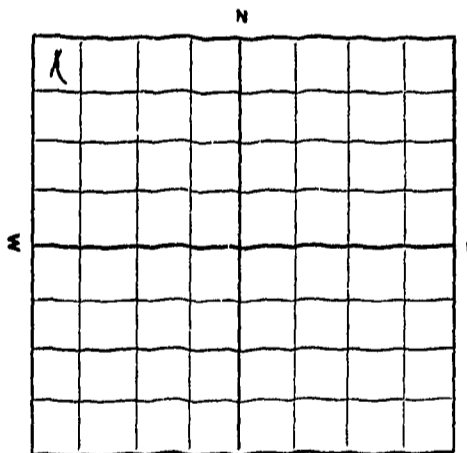
Type of well Drilled Equipment used Cable tools
(dug, driven, bored or Churn, drill, rotary or drilled) other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

| Top of Ground (Elev. above sea level _____) | |
|--|---------------------|
| 1 | top soil |
| 21 | sandy brown clay |
| 30 | blue sand and water |
| 33 | rock layer |
| 39 | blue shale |
| 45 | light gray shale |
| 61 | blue shale |
| 66 | sandy shale |
| 68 | brown shale |
| 77 | blue shale |
| 83 | L brown shale |
| 84 | blue shale |
| 87 | L brown shale |
| 89 | blue shale |
| 94 | sandstone shaly |
| 97 | tan shale |
| 110 | sandstone and water |

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 5 | 4" 11 lbs 4" I.D. | 3' | A.G. 110 | 3/16 | 193 | 110 |



Static Water Level for non-flowing well 4 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 60 feet

at 2.14 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer

Length of Test 2 hours

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

110
Show exact depth of bottom.

15
Driller's License Number

[Signature]
Driller's Signature

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

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

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

250835

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 21 DAY
OF Oct A. D. 19 63

AT 8:49 O'CLOCK P. M.

Clara S. Magnuson
COUNTY CLERK

Esther L. Hunt
DEPUTY

PER 203

County BLAINE Twp. 30 NORTH Rge. 17 EAST

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|------|----------------------|--------------|-----------------|---------|
| 14 | BLASKUOD, S. C. | WELL LOG | | |

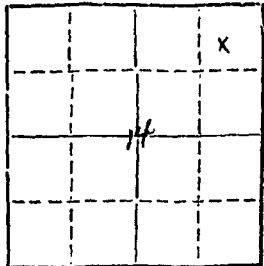
T. 30 R. 17
County Blaine

ERNEST O. LEE, DRILLING
1200 3RD STREET HAVRE

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner D. C. Blaskuod Address Chemical
 Driller E. O. Lee Address 1200 3rd St
 Date Started Oct 17 61 Date Completed Oct 24 61
 Location: Sec. 14 T. 30 R. 17 1/4 sec. NE 1/4 NE 1/4

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

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

Casing: 0 ft. to 99 ft. Type Spray Size 7"
 Casing: 95 ft. to 115 ft. Type Spray Size 6"
 Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 100 to ft. 115 Ft. _____ to ft. _____

Type of screen or perforations 1/4 x 4 4 per 10"

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

Shut-in pressure, for flowing well: 10 lb. sq. in. on: Oct 27 1961
Water flows at 15 gal per min. (date)

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

How tested: _____

Length of test 2 hrs

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

Slight trace of gas at 94 ft shut off with
7" casing
Water is good to taste

File No.

DUPLICATE

D

T. 30 R. 18

County Blaine

JUL 18 1964

REGISTER

20
21
24

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

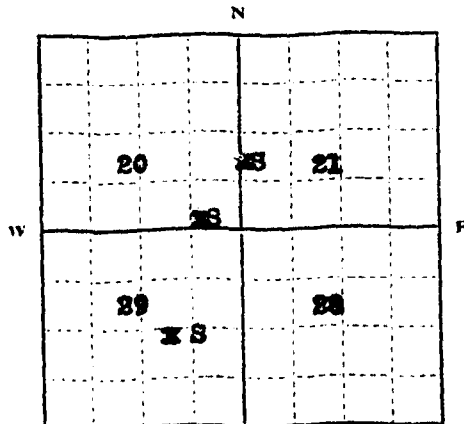
Owner **Davies Ranch Company** Address **Chinook**

Contractor (if any)

Address of Contractor

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

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



SE 1/4 SE 20 30 18
NW 1/4 SW 21 30 18
SW 1/4 NE Sec. 29 T. 30 R. 18

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

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

estimate approximate lengths of periods of use. **All springs are in continuous use**

Signature of Owner **Davies Ranch Company**

By *[Signature]*

[Signature]

Date **December 27, 1963**

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

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

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

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

252094

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 11:58 O'CLOCK A. M.

Cara L. Murgrow
COUNTY CLERK

FEE 200

DEPUTY

File No.....

T.....~~30~~R.....~~28~~

DUPLICATE

County Blaine County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1956 1954

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural spring

Owner Davis Ranch Co. Address Chinook, Montana

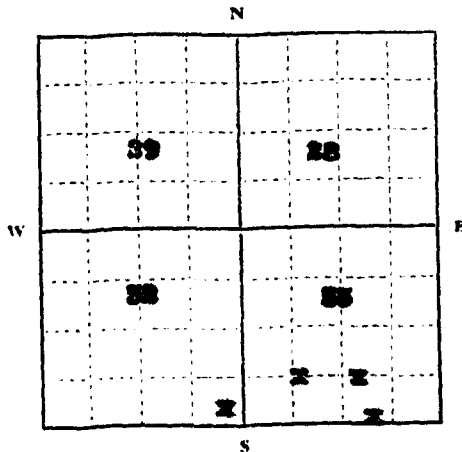
Contractor (if any)

Address of Contractor

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

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

All four springs herein described are free flowing.



SE 1/4 Sec. 32 T. 30 R. 28
3 Springs indicate place of appropriation
and place of use, if possible.

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

estimate approximate lengths of periods of use Continuous use

Signature of Owner Davis Ranch Company
Wm A. Daniel Pres
Date Dec. 21, 1953

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.

252095

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 12:00 O'CLOCK PM.

Cara L. Musgrave
COUNTY CLERK

FEE 2⁰⁰

DEPUTY

File No.

well #2

T. *3* N. R. *18* E. *33*

DUPLICATE

County *Chouteau*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 29 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

| | |
|----|---|
| 0 | Top of Ground (Elev. above sea level.....) |
| 5 | <i>top soil</i> |
| 12 | <i>soft mud</i> |
| 14 | <i>gravel</i> |
| 31 | <i>soft mud</i> |
| 34 | <i>quicksand</i> |
| 46 | <i>gravel quicksand & water</i> |
| 48 | <i>gravel & water</i> |
| 48 | <i>bottom</i> |

Owner *Darius Ranch Co.* Address *Chinook*

Driller *Leota Warburton* Address *.....*

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

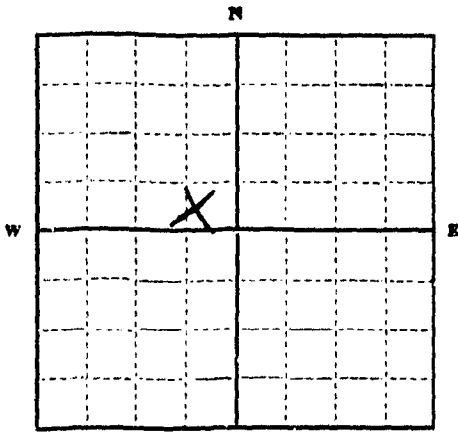
Date well started *6-1-64* Date Completed *6-5-64*

Type of well *driven* 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) |
| 7" | <i>13#x65#</i> | <i>3 1/2</i> | <i>0</i> | | | |
| 7" | <i>13#x65#</i> | <i>0</i> | <i>46</i> | <i>none</i> | | |



Sec. 14, Twp. 33, S. 30, R. 18
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well *+2 feet* feet.

Shut-in Pressure for Flowing Well *10* psi

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

Discharge in gal. per min. of flowing well *2 gal per min.*

How Tested *hydraulic* 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) *bottom was gravel packed back 4 1/2 feet. Casing 2 feet off of bottom*

31
Driller's License Number

Leota Warburton
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.

7-8-64

25-1869

STATE OF MONTANA
County of Blaine)

FILED FOR RECORD THIS 28 DAY

OF October A. D. 1964

AT 1:40 O'CLOCK P. M.

Carroll Macgregor
COUNTY CLERK

Catharine Sheets
DEPUTY

FEB 3 1964

File No.

Well # 1

T. 30^N R. 18^E 33

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 29 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

| | |
|----|---|
| 0 | Top of Ground (Elev. above sea level.....) |
| 6 | top soil |
| 16 | soft brown shale |
| 20 | gravel |
| 28 | red dirt |
| 23 | hard rock |
| 30 | water, gravel, sand |
| 35 | hard red rock + water |
| 35 | bottom |

Owner Darius Ranch Co Address Chiswick

Driller Leeta Warburton Address "

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

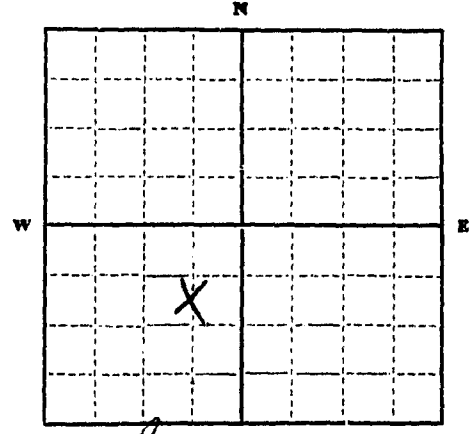
Date well started 5-1-64 Date Completed 5-3-64

Type of well drum 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) |
| 7" | 6 5/8 X 13 # | 3 | 0 | | | |
| 7" | 6 5/8 X 13 # | 0 | 28 | | | |



Well # 33 Sec 30 R 18
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

Shut-in Pressure for Flowing Well ✓

Pumping Water Level 34 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well ✓

How Tested haul 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) No casing used from 28 to 35 feet, had rock walls

31
Driller's License Number

Leeta Warburton
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.

38608

254870

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 28 DAY
OF October A. D. 1964
AT 1:40 O'CLOCK P. M.
Cara L. Musgrave
COUNTY CLERK
Ether Sheets
DEPUTY
FEE 2.00

GW 2

File No.

T. 30 R. 19

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Spindle Co Address Chinook, Mont.

Driller Waubesa Drilling Address Chinook, Mont.

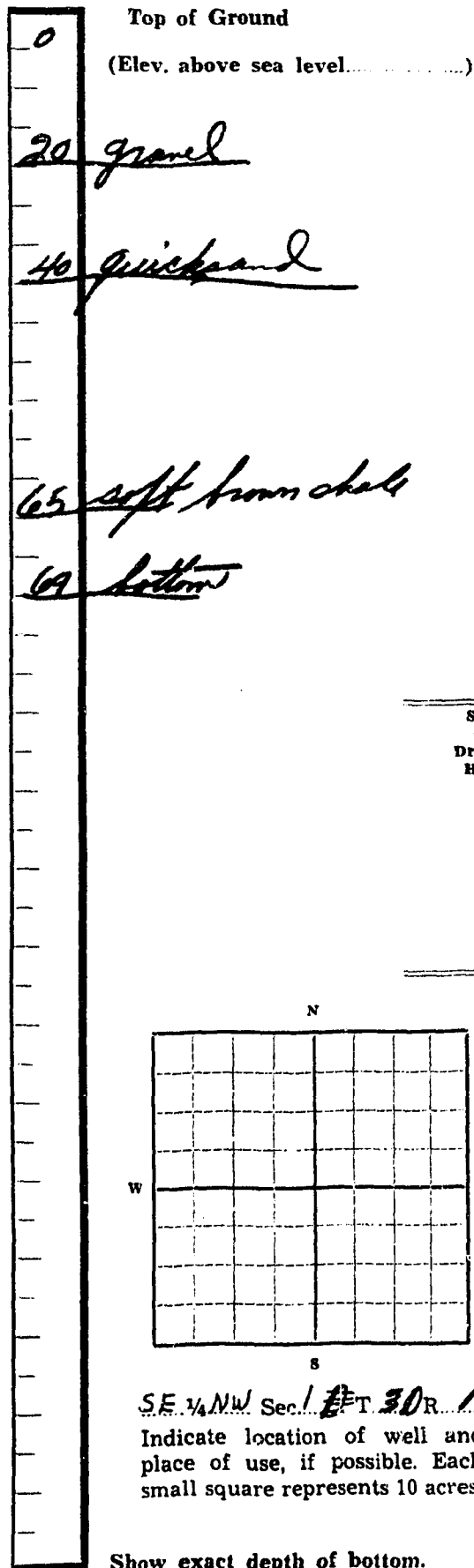
Date of Notice of Appropriation of Groundwater

Date well started 11/19/62 Date Completed 11/21/62

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 4" | 6 5/8" x 13# +1 | 0 | 0 | none | | |
| 4" | 6 5/8" x 13# 0 | 68 | 68 | | | |

Static Water Level for non-flowing Well 25 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 50 feet at 10 gal. per minute.

Discharge in gal, per min. of flowing well

How Tested ailer Length of Test 1 hr.

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

about two feet of natural gravel packing in bottom of casing welded type drive shoe casing done very hard

31
Driller's License Number

Waubesa
Driller's Signature

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

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

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

3208

247845

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 7 DAY
OF JANUARY A. D. 19 63
AT 3.00 O'CLOCK P. M.
Cora L. Musgrove
A. H. Dorn COUNTY CLERK
\$2.00 DEPUTY
FRK

GW 2

2

File No.

T. ... R. ...

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

10 salt & top soil
15 sand
20 gravel

50 brown shale
60 sand
75 brown shale
80 dark gray shale
81 gravel & water
81 bottom

Owner Sprinkler Co Address Chinook, Mont

Driller Wauberton Drilling Address Chinook, Mont

Date of Notice of Appropriation of Groundwater

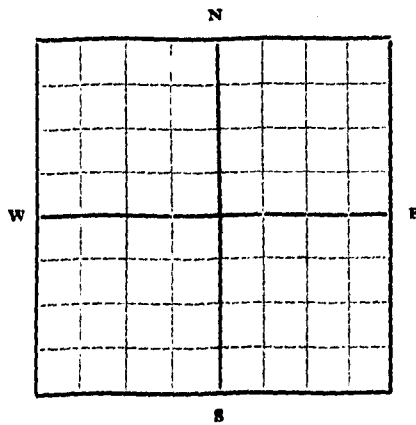
Date well started 11-1-62 Date Completed 11-5-62

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 5/8" | 6 5/8" X 13" | 0 | 0 | | | |
| 6 5/8" | 6 5/8" X 15" | 0 | 60 | none | | |
| 6" | 5 1/2" X 15" | 54 | 80 | 1/4 x 2" | 65 | 80 |



NW 1/4 SE Sec. 6 T. 30 R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 20 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 25 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested fall 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) none

welded type line also used

21
Driller's License Number

Lester Wauberton
Driller's Signature

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

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

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

3209

#217846

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 7 DAY
OF January A. D. 19 63
AT 3.00 O'CLOCK P. M.
Cora L. Musgrove
A. H. Dorn COUNTY CLERK
2.00 DEPUTY

File No.

T. 30 R. 19

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 29 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0
5 top of Ground
(Elev. above sea level.....)
10 shale
15 gravel
20 quicksand
110 grey shale
115 tan shale
125 grey sandstone
165 tan shale
205 grey sandstone
220 grey shale
235 brown shale
250 grey sandstone
270 grey shale
320 tan shale
325 sandstone
330 shale
350 sandstone
365 brown sandstone + water
375 blue sandstone
385 dark shale
420 brown shale
430 light brown shale
445 dark shale
453 brown sandstone
water + gas
453 bottom

Owner Kenneth Gordon Address Chinook Mont

Driller Lester Warburton Address

Date of Notice of Appropriation of Groundwater 12-1-63

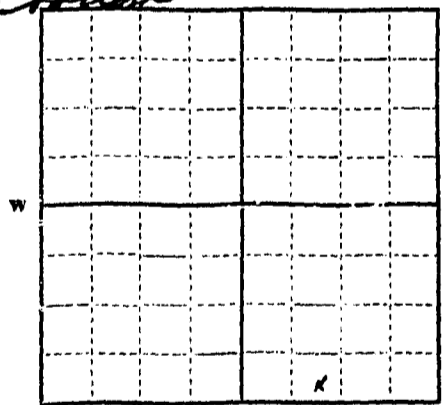
Date well started 12-20-63 Date Completed 1-20-64

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

| Depth (Feet) | Character of Stratum | Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|--------------|----------------------|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | | | Kind Size | From (Feet) | To (Feet) |
| 2 | quicksand | | 24" x 8 5/8" | 2 | 0 | | | |
| 0 | grey shale | 8 5/8" | 24" x 8 5/8" | 0 | 20 | | | |
| 110 | grey shale | 8 5/8" | 13" x 6 5/8" | 1 1/2 | 0 | 1/4 x 2" | 350 | 380 |
| 115 | tan shale | 6 5/8" | 13" x 6 5/8" | 0 | 453 | 1/4 x 2" | 445 | 453 |



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

Show exact depth of bottom.

Static Water Level for non-flowing Well 0 feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 350 feet at 5 gal. per minute.

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

How Tested Failer 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) Water at 350-365 and at 445-453

31
Driller's License Number

Lester Warburton
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.

254635

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF September A. D. 1964
AT 10:45 O'CLOCK P. M.

Car L. Musgrave
COUNTY CLERK

Esther Sheets
DEPUTY

FRK 2 -

File No.

T. 3 R. 19 21

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 29 1964
STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

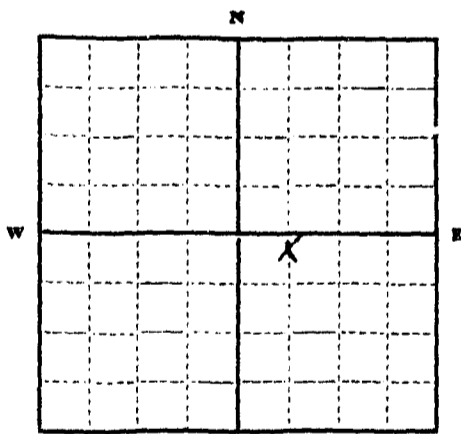
Top of Ground
(Elev. above sea level.....)

0
15 shale + gravel
25 soft shale
90 dark gray shale
95 sand + gravel + water
95 bottom

Owner Kenneth Gordon Address Chenish
 Driller Leota Washburn Address Chenish
 Date of Notice of Appropriation of Groundwater Dec 1, 1963
 Date well started 12-15-63 Date Completed 12-20-63
 Type of well drilled Equipment Used Chenish 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) |
| 8 5/8 | 8 5/8 x 24# | 2 | 0 | | | |
| 8 5/8 | 8 5/8 x 24# | 0 | 20 | | | |
| 6 5/8 | 6 5/8 x 13# | 0 | 95 | 1/4 x 2" | 85 | 95 |



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

Show exact depth of bottom.

Static Water Level for non-flowing Well..... ✓ feet.
 Shut-in Pressure for Flowing Well..... 11#
 Pumping Water Level..... ✓ feet at ✓ gal. per minute.
 Discharge in gal. per min. of flowing well. 10 gal.
 How Tested..... bucket Length of Test..... after 24 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)..... None

31
 Driller's License Number
Leota Washburn
 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.

38494

254636

STATE OF MONTANA
County of Elaine

FILED FOR RECORD THIS 28 DAY

OF September A. D. 1964

AT 10:45 O'CLOCK A. M.

Cora L. Mangrove

COUNTY CLERK

Esther Sheels

DEPUTY

PER 200

County Blaine

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.

(Pres) Gordon Cattle Co
Owner

Address Blaine, Mont

Date well started 1-1-73

completed 1-1-73

Type of well drilled

Equipment used rotary

Water Use: Domestic Municipal Stock Irrigation

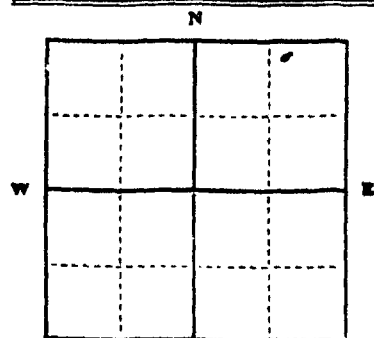
Industrial Drainage Other * Garden/Lawn

*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) |
| | | | | | | |
| | | | | | | |



NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 23
T. 20 N. R. 19 E.

Static water level 15 ft.*
Pumping water level 20 ft.*
at 100 gallons per minute,
measured 1 minutes after pumping
began.

*Measured from ground level.
Well developed by _____
for _____ hours.

Power _____ Pump _____ HP

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

DRILLER'S LOG

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

Top of Ground (Elev. above sea level) _____

| From (Feet) | To (Feet) | |
|-------------|-----------|-------|
| 0 | 10 | soil |
| 10 | 20 | clay |
| 20 | 30 | shale |
| 30 | 40 | shale |
| 40 | 50 | shale |
| 50 | 60 | shale |
| 60 | 70 | shale |
| 70 | 80 | shale |
| 80 | 90 | shale |
| 90 | 100 | shale |
| 100 | 110 | shale |
| 110 | 120 | shale |
| 120 | 130 | shale |
| 130 | 140 | shale |
| 140 | 150 | shale |
| 150 | 160 | shale |
| 160 | 170 | shale |
| 170 | 180 | shale |
| 180 | 190 | shale |
| 190 | 200 | shale |
| 200 | 210 | shale |
| 210 | 220 | shale |
| 220 | 230 | shale |
| 230 | 240 | shale |
| 240 | 250 | shale |
| 250 | 260 | shale |
| 260 | 270 | shale |
| 270 | 280 | shale |
| 280 | 290 | shale |
| 290 | 300 | shale |
| 300 | 310 | shale |
| 310 | 320 | shale |
| 320 | 330 | shale |
| 330 | 340 | shale |
| 340 | 350 | shale |
| 350 | 360 | shale |
| 360 | 370 | shale |
| 370 | 380 | shale |
| 380 | 390 | shale |
| 390 | 400 | shale |
| 400 | 410 | shale |
| 410 | 420 | shale |
| 420 | 430 | shale |
| 430 | 440 | shale |
| 440 | 450 | shale |
| 450 | 460 | shale |
| 460 | 470 | shale |
| 470 | 480 | shale |
| 480 | 490 | shale |
| 490 | 500 | shale |
| 500 | 510 | shale |
| 510 | 520 | shale |
| 520 | 530 | shale |
| 530 | 540 | shale |
| 540 | 550 | shale |
| 550 | 560 | shale |
| 560 | 570 | shale |
| 570 | 580 | shale |
| 580 | 590 | shale |
| 590 | 600 | shale |
| 600 | 610 | shale |
| 610 | 620 | shale |
| 620 | 630 | shale |
| 630 | 640 | shale |
| 640 | 650 | shale |
| 650 | 660 | shale |
| 660 | 670 | shale |
| 670 | 680 | shale |
| 680 | 690 | shale |
| 690 | 700 | shale |
| 700 | 710 | shale |
| 710 | 720 | shale |
| 720 | 730 | shale |
| 730 | 740 | shale |
| 740 | 750 | shale |
| 750 | 760 | shale |
| 760 | 770 | shale |
| 770 | 780 | shale |
| 780 | 790 | shale |
| 790 | 800 | shale |
| 800 | 810 | shale |
| 810 | 820 | shale |
| 820 | 830 | shale |
| 830 | 840 | shale |
| 840 | 850 | shale |
| 850 | 860 | shale |
| 860 | 870 | shale |
| 870 | 880 | shale |
| 880 | 890 | shale |
| 890 | 900 | shale |
| 900 | 910 | shale |
| 910 | 920 | shale |
| 920 | 930 | shale |
| 930 | 940 | shale |
| 940 | 950 | shale |
| 950 | 960 | shale |
| 960 | 970 | shale |
| 970 | 980 | shale |
| 980 | 990 | shale |
| 990 | 1000 | shale |

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

Driller's Signature _____

Driller's Address _____

LICENSE NO. 21

Show exact depth of bottom

52,403

County Blaine 23

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.

(Paw) Gordon Gottle CO
 Owner Blaine, Mont.

Address Blaine, Mont.

Date well started 1-26-73

completed 1-26-73

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

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

Water Use: Domestic Municipal Stock Irrigation

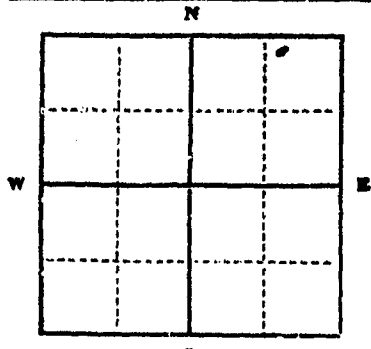
Industrial Drainage Other * Garden/Lawn

*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) |
| 8 3/8 | 5 1/2 | 0 | 21 | - | - | - |
| 6 3/4 | 4 1/2 | 0 | 0 | - | - | - |
| 4 1/2 | 4 1/2 | 0 | 76 | - | - | - |



NE 1/4 NE 1/4 Sec. 23
 T. 20 R. 19 E

Static water level 1.2 ft.*
 Pumping water level 1.2 ft.*
 at 1.2 gallons per minute,
 measured 1.2 minutes after pumping began.
 *Measured from ground level.
 Well developed by _____
 for 1.2 hours.
 Power _____ Pump _____ HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

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

Driller's Signature [Signature]

Driller's Address Blaine, Mont.

LICENSE NO. 21

DRILLER'S LOG

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

| Top of Ground (Elev. above sea level) | | |
|---------------------------------------|-----------|-------------|
| From (Feet) | To (Feet) | |
| 0 | 36 | black shale |
| 36 | 37 | rocks |
| 37 | 43 | black shale |
| 43 | 46 | gravel |
| 46 | 55 | black shale |
| 55 | 56 | rocks |
| 56 | 75 | black shale |
| 75 | 76 | rocks |
| 76 | 80 | black shale |
| 80 | - | Water |
| 80 | - | Bottom |

80 ft Show exact depth of bottom

57,403

270980

STATE OF MONTANA }
County of Blaine }
1973 Feb 13 Day
8:40 A. M. A. D. 19 73
Care B. Thompson
County Clerk

Fee 2.00 Deputy

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

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

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

| | |
|-------------------------|----------------------|
| For Administrator's Use | |
| File | <u>272178</u> |
| | <u>June 19, 1973</u> |
| GW 1 | <u>11:30 A.M.</u> |

Owner M. K. ...
 Address ...
 Contractor (if any) _____
 Address of Contractor _____
 Date Started _____ Date Completed ...

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

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

3. Depth of water table _____

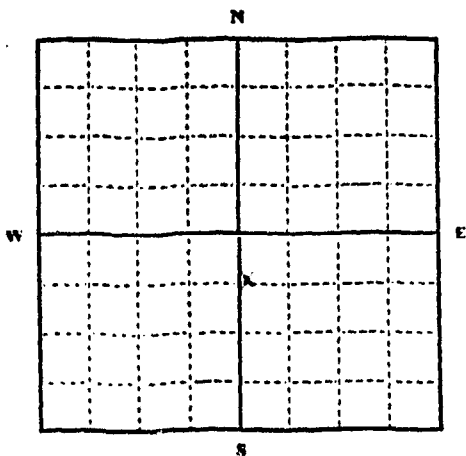
4. Use of the water irrigation

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

6. If used for irrigation, give number of acres and description of land _____

7. Estimate amount of water used each year _____

8. Months of year spring flows _____



..... 1/4 1/4 Sec.

T. N/R. E.
S W

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

Signature of Owner M. K. ...

Date June 19, 1973

53,654

RECEIVED

GW 3 Revised 1969
191-1300-10/69

County Blaine

JUN 19 1973

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA DEPARTMENT OF
MONTANA-WATER RESOURCES BOARD
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

For Administrator's Use.

File 272178

June 19, 1973

GW 1 11:30 A.M.

Owner Nicholas Fabez

Address Chinook Montana

Contractor (if any) _____

Address of Contractor _____

Date Started April 1972 Date Completed May 1972

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

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

PUMP

3. Depth of water table _____

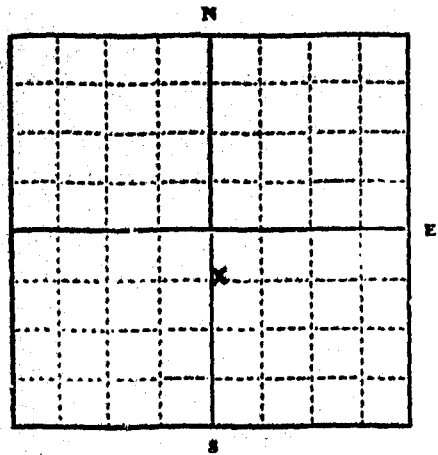
4. Use of the water irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 400 gallons

6. If used for irrigation, give number of acres and description of land 160 acres

7. Estimate amount of water used each year 150,000 gallons

8. Months of year spring flows _____



NW 1/4 SE 1/4 Sec. 33

T. 20 NR 12 E
S W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated _____

Signature of Owner Nicholas Fabez

Date June 19, 1973

53,654

#272178

STATE OF MONTANA
County of Blaine
Filed for record this 19 Day
of June A. D. 19 72
At 9:30 O'Clock A. M.

[Signature]
County Clerk
Deputy

Fee 2.00

File No.

T. 30 N R. 20 E S. 3

DUPLICATE

County. Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
NOV 10 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

| | |
|-----|---|
| 0 | Top of Ground (Elev. above sea level.....) |
| 5 | topsoil |
| 88 | soft brown shale |
| 99 | grey shale |
| 115 | gravel |
| 133 | sand |
| 136 | grey sandy shale |
| 143 | grey sandstone + water |
| 144 | hard rock |
| 165 | grey sandstone + water |
| 165 | bottom |

Show exact depth of bottom.

Owner Brockhartney Ranch Address Chinook

Driller Lester Warburton Address Chinook

Date of Notice of appropriation of groundwater 10-10-64

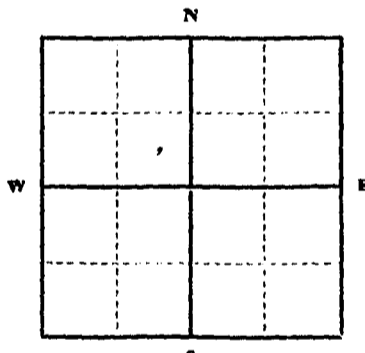
Date well started 10-12-64 Date completed 10-14-64

Type of well driven & drilled Equipment used Cham drill
(Dug, Driven, bored or drilled) (Curn 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 5/8" | 6 5/8" X 13" | 2 | 0 | | | |
| 8 5/8" | 6 5/8" X 13" | 0 | 126 | none | | |
| 6" | 5 1/2 X 15" | 116 | 165 | 4 1/2 X 3" | 126 | 165 |



Static Water Level for non-flowing well 128 feet.
Shut-in Pressure for Flowing Well ✓
Pumping Water Level 160 feet
at 2.5 gal. per minute.
Discharge in gal. per min. of flowing well ✓
How Tested failed
Length of Test 1 1/2 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff) none

SE 1/4 NW 1/4 Sec. 3 T. 30 N. R. 20 E.
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).
static water 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, tissue copy to be retained by driller.

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

31
Driller's License Number

Lester Warburton
Driller's Signature

254973

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 9 DAY
OF November D. 1964
AT 8:20 O'CLOCK A.M.
Cora L. Musgrave
COUNTY CLERK

FEE 2⁰⁰

DEPUTY

File No.
DUPLICATE

30 - 20
~~12-30-21~~
~~12-30-20~~

12
18

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

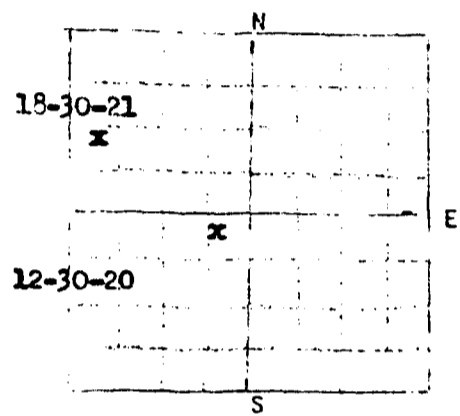
Blaine
1954

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

Edwin Gruszka, of Chinook, (Name of Appropriator) (Address) (Town)

County of Blaine State of Montana

have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1952, as follows:



S NW 18-30-21
WNE 12-30-20
... Sec. ... T. ... R. ...
dicate point of appropriation
d place of use, if possible.
ch small square represents 64
acres.

- 2. The beneficial use on which the claim is based.....
Household and stock.....
- 3. Date or approximate date of earliest beneficial use,
and how continuous the use has been.....
1953 and 1951.....
- 4. The amount of groundwater claimed (in miner's inches
or gallons per minute).....
Approx 5 gallons per minute.....
- 5. If used for irrigation, give the acreage and descrip-
tion of the lands to which water has been applied and name
of the owner thereof.....
None.....

- 6. The means of withdrawing such water from the ground and
the location of each well or other means of withdrawal.....
Electric Pump.....
- 7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater.....
1953 and 1951.....
- 8. The depth of water table.....
18-30-21 artesian well, 100 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.....
12-30-20 6" steel casing
18-30-21 4" and 2 1/2 inch casing steel.....
- 10. The estimated amount of groundwater withdrawn each year.....
Continuous use.....
- 11. The log of formation encountered in the drilling of each well if available.....
Shale, sandstone, rock, siltstone.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy
of this act, including reference to book and page of any county record.....
None available.....

Signature of Owner.....

STATE OF MONTANA)
County of Blaine) ss.
Edwin Gruszka

Date..... December 30, 1953

..... 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.

21855

252012
252012

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963

AT 2 O'CLOCK P. M.

Con L. Mays
COUNTY CLERK

Esther Shurt
DEPUTY

THE 2

272336

STATE OF MONTANA)

County of Blaine)

Filed for record this 29 Day

of June A. D. 1973

At 4.50 O'Clock P. M.

County Clerk

Deputy

Fee _____