

File No. ....

T. 26th R 56E

DUPLICATE

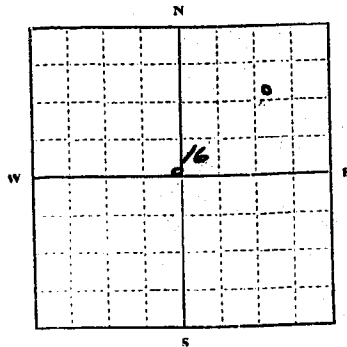
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Everett A. Baxter, of Calbertson (Town)  
(Name of Appropriator) (Address)  
County of Richland State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

2. The beneficial use on which the claim is based. Domestic and stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 28 gals per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1961
8. The depth of water table. 140 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 - 3 inch casing
10. The estimated amount of groundwater withdrawn each year. 400,000 gals per year
11. The log of formations encountered in the drilling of each well if available. None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None available

Signature of Owner: Everett A. BaxterDate 12-31-63

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

30154

286916  
STATE OF MONTANA, } ss.  
County of Richland, }

Filed this 3 day of  
January A.D. 1964  
at 3:54 clock, P.M.  
E. J. Lusker  
County Recorder  
John Burke  
Deputy

fee 2<sup>00</sup>  
filed

File No. ....

T. 24 N. R. 56 E.

County Richland

DUPLICATE

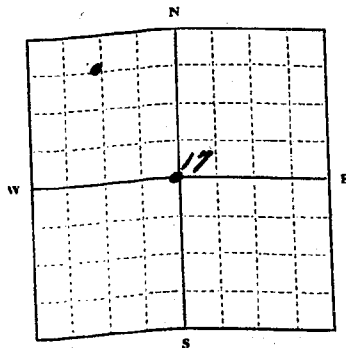
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Everett A. Baxter of Culbertson (Town)  
(Name of Appropriator) (Address)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

2. The beneficial use on which the claim is based  
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Stock water only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pump and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952
8. The depth of water table 190 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 6 inch casing
10. The estimated amount of groundwater withdrawn each year 240,000 gals. per year
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available

Signature of Owner

Everett A. BaxterDate 12-31-63

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 to the Appropriator.

30156

286918

STATE OF MONTANA, } ss.  
County of Richland,

Filed this 2 day of  
January A.D. 1964  
at 3:56 o'clock P.M.

E. J. Rosken  
County Recorder  
Heber Duerke  
Deputy

for 200  
filed

File No.

STATE WATER CONSERVATION BOARD

T. 26N. R. 56E. 17

DUPLICATE

FEB 17 1967

County Richland

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

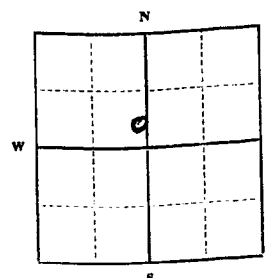
**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Everett Baxter Address Calberton, Mont.Driller Ray G. Petersen Address Libney, Mont.Date of Notice of appropriation of groundwater June 12 - '66Date well started June 6 - '66 Date completed June 10 - '66Type 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, and Shape | From (Feet) | To (Feet) |
| 7 inch               | 6 inch O.D.               | Surface     | 150       | 3 inch 76 round hole  | 160         | 180       |
|                      | 8 inch 10' 50" per ft.    | 150 to 181  | 181       |                       |             |           |

Static Water Level for non-flowing well 125 feet.Shut-in Pressure for Flowing Well NonePumping Water Level 165 feet at 4 gal. per minute.Discharge in gal. per min. of flowing well NoneHow Tested Drill BailerLength of Test 1 1/2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Casing is cemented at ground level for support and sanitation

(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).

Not so used

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

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

Driller's License Number 111Driller's Signature Ray G. Petersen

41734

181 feet  
Show exact depth of bottom.

SE 1/4 of NW 1/4 Sec. 17, T. 26N. R. 56E.

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

STATE OF MONTANA, } ss. 300276  
County of Richland,

Filed this 14 day of

Feb A D 1967

at 1:29 o'clock, P.M.

Helen H. Hurd

County Recorder

D. Sullivan

Deputy

Fee: \$2.00

Filed

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

JUN 7 1973

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 Ernest Baxter

Address Calhoun

Montana

Date well started 5-16-73

completed 5-25-73

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

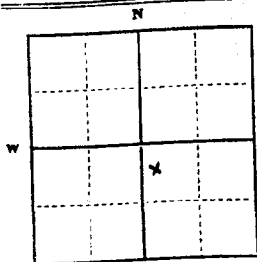
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |
|----------------------|---------------------------|-------------|-----------|--------------|
| 5 7/8"               | 4" I.D.                   | 0           | 275'      | Kind Size    |
| 2"                   | 11 lbs pipe               | 269'        | 289'      | From (Feet)  |
| 272'                 | steel                     | 269'        | 289'      | To (Feet)    |
| 289'                 |                           | 269'        | 289'      |              |
| 3 3/8 to 289'        |                           | 269'        | 289'      |              |



NW 1/4 SE 1/4 Sec. 20  
T. 26 N. R. 56 E.  
S W

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

Driller's Signature Elmer H. Carlson

Driller's Address Med Lake, Mont

LICENSE NO. 235

County

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) |                            |
|-------------|-----------|----------------------------|
| 6           | 13        | yellow clay                |
| 13          | 14        | rock                       |
| 14          | 20        | yellow sand                |
| 20          | 23        | yellow clay                |
| 23          | 30        | blue clay                  |
| 30          | 34        | black sand                 |
| 34          | 37        | black sand & coal          |
| 37          | 270       | blue clay with sand        |
| 272         | 286'      | Coal - bottom hard - white |
| 286'        | 289'      | clay                       |

Water comes from above  
Coal bed with gas  
10 to 15 gal. per minute  
with pump - none

Show exact depth of bottom

53,384

STATE OF MONTANA, } ss. 327376  
County of Richland,

Filed this 6 day of

June A. D. 1973

at 2:30 o'clock P. M.

Helen Siemke

County Recorder

June Paladichuk

Deputy

Filed

fee. \$2.00



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 Thomas W. & Sandra Lee Hackley

Address P.O. 2 Culbertson

Montana 59218

Date well started Nov. 3-1971

completed Nov. 20-1971

Type of well Drilled

Equipment used Cable Tool

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

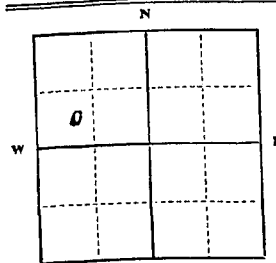
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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). Not so used

ESTIMATED ANNUAL WITHDRAWAL 76,000 gals

| Size of Drilled Hole | Size and Weight of Casing | From (Feet)                 | To (Feet)  | PERFORATIONS           |
|----------------------|---------------------------|-----------------------------|------------|------------------------|
| <u>7 inch</u>        | <u>6 inch O.D.</u>        | <u>2 feet above surface</u> | <u>214</u> | <u>1/4" round hole</u> |
|                      | <u>7/8" 10:50# per ft</u> |                             |            | <u>69 88</u>           |



SW 1/4 NW 1/4 Sec. 23  
T. 26 N. R. 56 E. S. W

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

Driller's Signature Ray J. Petersen  
Driller's Address Garard Route - Box 138  
Sidney, Montana 59270 LICENSE NO. 111

County Richland 23

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             | 31        | top soil                |
| 31            | 12        | light gray clay         |
| 12            | 18        | harder gray clay        |
| 18            | 24        | harder gray clay        |
| 24            | 36        | brownish gray clay      |
| 36            | 57        | hard gray clay          |
| 57            | 65        | sandy blue clay         |
| 65            | 68        | hard blue shale rock    |
| 68            | 80        | hard blue clay          |
| 80            | 85        | sandy blue clay and     |
| 85            | 89        | about 12" gals water    |
| 89            | 129       | blue clay               |
| 129           | 135       | very hard gray clay     |
| 135           | 136       | blue clay               |
| 136           | 156       | light sandy blue clay   |
| 156           | 163       | hard blue clay          |
| 163           | 177       | sandy blue clay         |
| 177           | 180       | hard gray clay          |
| 180           | 185       | sandy gray clay         |
| 185           | 187       | clay                    |
| 187           | 210       | rock layer              |
| 210           | 219       | hard blue clay          |
| 219           | 240       | gray clay               |
|               |           | about 12" gals water    |
|               |           | End of well:            |

240 ft Show exact depth of bottom

STATE OF MONTANA,  
County of Richland,

321079  
ss. 321079

Filed this 10 day of  
Dec. A. D. 19 71  
at 11:25 o'clock, A. M.

John H. Harker  
County Recorder  
Gene Paladichuk  
Deputy

NOV 18 1965

File No. \_\_\_\_\_  
 Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Duplicates \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 Darlington \_\_\_\_\_ LOG Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

T. 26 N. R. 56 E. 24  
 County Richland

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

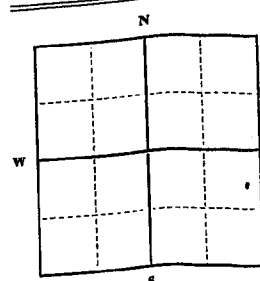
(Under Chapter 237, Montana Session Laws, 1961)

to 1 ft. Topsoil  
 to 14 ft. yellow clay & gravel mixed  
 to 19 ft. yellow clay  
 to 19.4 ft. gravel  
 to 28 ft. soft sandy soil  
 and a deep of water at 26'  
 to 32 ft. yellow sandy clay  
 to 35 ft. brown sandy clay  
 to 48 ft. gray clay  
 to 56 ft. light clay  
 to 75 ft. bluish gray sand  
 and quite some water  
 from 30 to 75 ft.  
 End of well:

On Henry T. Hackley Add Bozorth, Montana  
 Drilled by Ray J. Petersen Add Bozorth, Montana  
 Date of Notice of appropriation of groundwater June 14-1965  
 Date well started May 29-'65 Date completed June 2-'65  
 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.  
Water rises 35 feet in well.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS   |             |           |
|----------------------|---------------------------|-------------|-----------|----------------|-------------|-----------|
|                      |                           |             |           | Kind Size      | From (Feet) | To (Feet) |
| 7 inch               | 6" O.D. 10:50             | Surface     | 48        | Coarse saw cut | 55          | 70        |
|                      | also 4" S.D. 7:25         | then        | 48        |                |             | 75        |



SE

1/4 Sec. 24, T. 26, R. 56.  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 45 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 5.5 feet  
 at 4 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Drill bailer

Length of Test 15 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Pump system is located in covered cement pit.

(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). Not the case

75 feet  
 Show exact depth of bottom.

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

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

Driller's License Number 111

Driller's Signature Ray J. Petersen

39844

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STATE WATER COMMISSION BOARD

STATE OF MONTANA,  
County of Richland,

295458  
ss. 295458

Filed this 17 day of

Nov. A. D. 19 65  
at 11:02 o'clock, A. M.

E. L. Harder  
County Recorder

E. Harder  
Deputy

yes: #27  
false

File No. NOV 18 1965

T. 26 N R. 56 E 24

DUPLICATE

Billie \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butcher \_\_\_\_\_ McNulty \_\_\_\_\_  
 Cagle \_\_\_\_\_ Morton \_\_\_\_\_  
 Dickinson \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dicker \_\_\_\_\_

County Richland

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground about 1900  
 (Elev. above sea level) 1900  
 to 1 ft. top soil  
 to 5 ft. black soil  
 to 14 ft. yellow clay  
 to 23 ft. yellow sandy clay  
 to 30 ft. harder yellow clay  
 to 33 ft. dark quick sand mud  
 and a little water  
 to 40 ft. yellow sandy clay  
 to 41 ft. hard pan clay  
 to 52 ft. yellow sandy clay  
 to 59 ft. sandier yellow clay  
 and a little water.  
 to 74 ft. gray fine clay  
 to 82 ft. blue clay  
 to 90 ft. lightish gray clay  
 hard  
 to 101 ft. gray hard sand  
 and 20 g. p. M. water.

Owner Hans T. Hackley Address Bellevue, MontanaDriller Ray J. Petersen Address Sidney, MontanaDate of Notice of appropriation of groundwater Nov 8 - 1965Date well started Nov 4 - 65 Date completed Nov 6 - 65Type 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 inch               | 6" O.D.                   | Surface     | 90        | 3" round hole | 90          | 101       |
|                      | 10.50" per ft.            | 90          | 101       |               |             |           |

Static Water Level for non-flowing well 50 feet.  
 Shut-in Pressure for Flowing Well none  
 Pumping Water Level 60 feet  
 at 5 gal. per minute.  
 Discharge in gal. per min. of flowing well none  
 How Tested Drill Bailer  
 Length of Test 1 hour  
 Remarks: (Gravel packing, cementing, packers, type of shut off) Casing is cemented at ground level for support and sanitation

SE. 1/4 Sec. 24 T. 26 R. 56  
 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).

101 feet  
 Show exact depth of bottom.

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

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

Driller's License Number 111

Ray J. Petersen  
 Driller's Signature

39943

295457

STATE OF MONTANA, )  
County of Richland, }

ss.

Filed this 17 day of

November A. D. 19 65

at 11.00 o'clock, A. M.

E. L. Haaker  
County Recorder

by E. Hardy  
Deputy  
Fee 2.00 filed

File No. ....

T. 26N56E

TRIPLICATE

County Richland

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Thomas W. Lee Address Culbertson, MontDriller Ray J. Petersen Address Sidney, MontanaDate of Notice of appropriation of groundwater Nov. 4-1970Date well started 10-27-70 Date completed 11-2-70Type 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 inch               | 6" O.D.                   | Round       | 98 1/2    | none         |             |           |
|                      | 7 1/4" #10, 150 #         |             | per ft    |              |             |           |

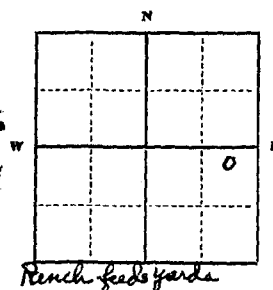
Top of Ground  
(Elev. above sea level) about 2100

to 1 ft. Black top soil  
to 14 ft. yellow clay  
to 15 ft. sandstone layer  
to 22 ft. yellow clay  
to 22 1/2 ft. coal layer  
to 28 ft. muddy dark coarse sand  
to 32 ft. gray clay  
to 39 ft. yellow clay  
to 43 ft. very hard blue clay  
to 59 ft. gray clay  
to 60 1/2 ft. coarse sand & small gravel dry  
to 79 ft. hard gray clay  
to 83 ft. softer gray clay - coal chips  
to 89 ft. harder gray clay, 3 inch coal strip at 88 ft. and a little water showing  
to 91 ft. softer gray clay  
to 93 ft. sandy gray clay  
to 98 1/2 ft. pure fine sand, lots of water here.

End of well:

Dec. 19 31 4 5 15  
Filed for record  
Jan. 21 1971  
A. D. 19 71 at 11:05  
at Stock P. M.

N.E. - S.E.



1/4 Sec. 24 T. 26 N. R. 56  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 40 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 45 feetat 5 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Drill bailerLength of Test 2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) bot. of clean pea gravel in bottom

(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).

Not so used98 1/2 ft.

Show exact depth of bottom.

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

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

Driller's License Number 111Driller's Signature Ray J. Petersen118016

STATE OF MONTANA, } 317545  
County of Richland, } ss. 317545

Filed this 21 day of  
January A. D. 19 71  
at 1:05 o'clock, P.M.

John Gierke  
County Recorder  
June Palodichuk  
Deputy

Filed  
Dec 20



RECEIVED

T. 26N R. 56E

25

County Richland

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

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

Owner Tom Heckly Address Culbertson  
Driller Sam Andy Marko Address 320 S. 5th Sidney  
Date Started Apr 10 Date Completed Apr 15 - 58  
Location: Sec. 25 T. 26 R. 56 1/4 sec.

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: 156 ft. to \_\_\_\_\_ ft. Type C.P. Size 6 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated on Screened Ft. 136 to ft. 156 Ft. 20 to ft. \_\_\_\_\_

Type of screen or perforations cut with a cutting torch

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

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

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

How tested: Barley

Length of test 3 1/2 hours

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

(over)

### Log of Well

19  
 May  
 10:52  
 19  
 58  
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25

T. 26N R. 56E  
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 28 1958

WATER WELL LOG

STATE ENGINEER

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Owner Tam Hackby Address Cultivation  
Driller Arley Macka Address Sidney  
Date Started Oct 10 Date Completed Apr 15-58  
Location: Sec. 25 T. 26 R. 56 1/4 sec. Churn

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 15.5 ft. to \_\_\_\_\_ ft. Type OD Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Cut wief cutty toich

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

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

Pumping water level 20 feet at 10 gal. per min. 10

How tested: Bailing

Length of test one Hour

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

### Log of Well

[illegible]

G

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

File No. ....

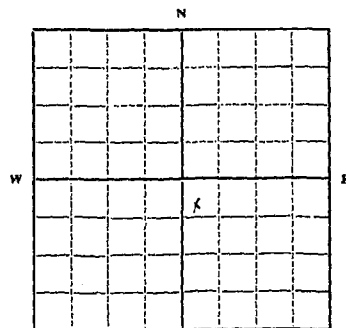
DUPLICATE

T. 26 N. R. 56 E  
County RichlandSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
OCT 4 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

SW Corner

NW 1/4 Sec. 27 T. 26. R. 56

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.....  
Stockwater and spraying3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1947 and continuous  
use for various purposes4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... 5 gallon per minute5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal..... PUMP7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater..... 19478. The depth of water table..... -30 ft. of water9. 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..... 65 ft. to water withdrawal  
by gasoline engine10. The estimated amount of groundwater withdrawn each year..... 10,000 gal11. The log of formations encountered in the drilling of each well if available..... none available12. 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 Virgil M. West  
Date 10/3/63Three 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.

6228

STATE OF MONTANA, } ss. 284685  
County of Richland, }

Filed this Oct. 3 day of  
A. D. 19 63

at 9:45 o'clock, A. M.

E. L. Kasher  
County Recorder

D. Sullivan  
Deputy

Fee: \$2.00  
filed

GT

File No. ....

DUPLICATE

T. 26 N. R. 56 E.

County Richland

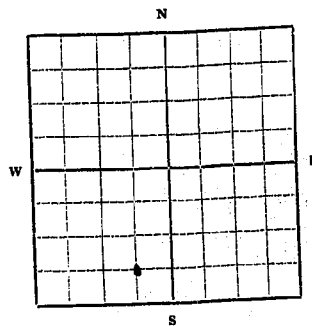
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED

STATE ENGINEER

1. Frances Jorgensen (formerly Frances Finnicum) of F. O. Andes  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4, Sec. 29, T. 26 R. 56

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 water well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 with continuous use since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and pump jack - SE 1/4, Sec. 29, Twp. 26 N., Rge. 56 E., M.P.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958
8. The depth of water table 11'
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 44" drilled well, 24" casing
10. The estimated amount of groundwater withdrawn each year 6 gallons per minute, six hours per day, 7 months per year (468,720 gallons)
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Frances JorgensenDate June 13, 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 School of Mines and Quadruplicate for the Appropriator.

2672

STATE OF MONTANA, } ss. 278510  
County of Richland, }

Filed this 7 day of

Sept. 1962 A. D.

at 3:26 o'clock P. M.

E. L. Kraker  
County Recorder

Deputy

fee \$2.00

filed



RECEIVED  
JUL 19 1958

*Drinking place*

T. 26N R. 56E 30  
County Richland

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

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

Owner E. and M. G. Cox Address Anders, Mont.  
Driller Tam Address Laurel, Mont.  
Date Started July 1958 Date Completed July 1958  
Location: Sec. 20 T. 26 R. 56  $\frac{1}{4}$  sec. SE 21 1/2

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 2 ft. to 28 ft. Type steel Size 21 inch  
Casing: 28 ft. to 50 ft. Type steel Size 15 inch  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 25 to ft. 38 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations blue cut iron mesh

Static Water level, for non-flowing well: 15 feet.

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

Pumping water level 34 feet at 4 gal. per min.

How tested: see engine on pump jack

Length of test: 4 hours

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

(over)

Log of Well

Description of Material Drilled

Depth, feet  
From To

257503

STATE OF MONTANA, ss.  
County of Richland.

Filed this 8 day of May A. D. 1928  
at 1:37 o'clock P. M.

E. J. Kasper  
County Recorder

E. J. Kasper  
Deputy

File No. ....

T. 26 N. R. 5 E. S. 31

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner United States Bureau of Land Management  
Sra Palmer and Gilbertson, MontDriller Ray Peterson Drilling Address Sidney, MontDate of Notice of Appropriation of Groundwater 9/15/62Date well started 9-11-62 Date Completed 9-18-62Type 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.

Top of Ground (Elev. above sea level) near 2100

To 36 ft. yellow clay

To 44 ft. blue clay

To 46 ft. solid rock

To 56 ft. blue clay

To 60 ft. coal

To 66 ft. blue clay

To 84 ft. coal

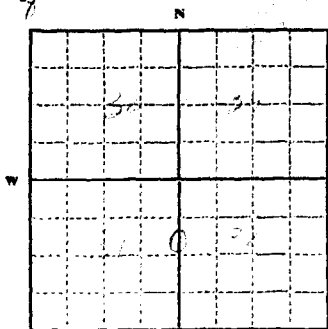
To 96 ft. sand

To 114 ft. blue clay 6 inch

To 148 ft. blue shale

To 152 ft. coal and lots of water here.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS         |             |           |
|----------------------|---------------------------|-------------|-----------|----------------------|-------------|-----------|
|                      |                           |             |           | Kind Size            | From (Feet) | To (Feet) |
|                      |                           |             |           | 1/4 inch round holes | 140         | 152       |



SE 1/4 Sec 31 T 26 R 56

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

152 feet  
Show exact depth of bottom.

Static Water Level for non-flowing Well 110 feet.Shut-in Pressure for Flowing Well not the casePumping Water Level 144 feet at 8 gal. per minute.Discharge in gal. per min. of flowing well not the caseHow Tested Drill bailer Length of Test 1 hr + 45 min

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) Casing is cemented at top of ground for support + sanitation

Driller's License Number 111

Raymond J. Petersen  
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.

29469

RECORDED IN INDEXED, ss. 286165  
FILED IN 30 day of  
December A.D. 1963  
at 12:04 P.M.  
C. R. Koster  
County Recorder  
C. Cask  
Deputy

for \$20.00  
filed

File No. ....

T. 28 N. R. 56

DUPLICATE

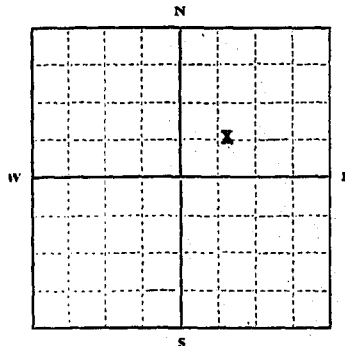
County RICHLAND

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MARY H PALMER, of COLUMBIA MONTANA  
(Name of Appropriator) (Address) (Town)  
County of RICHLAND State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 24 T. 26 R. 56

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 STOCKWATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOVEMBER 1 1944

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 GAL. PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
NOT APPLICABLE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater START 15 OCTOBER COMPLETED NOV. 1 1944

8. The depth of water table 90 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 6 INCH STEEL CASING TO A DEPTH OF 231 FEET

10. The estimated amount of groundwater withdrawn each year 40,000 GAL.

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

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

Signature of Owner Mary H Palmer

Date Jan 3 1964

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

STATE OF MONTANA, } ss. 78685 2  
County of Richland,

Filed this 3 day of  
January A. D. 1964  
at 9:36 o'clock A. M.

E. L. Kosker  
County Recorder  
Helen Burke  
Deputy

for 200  
filed

File No. ....

T. 26 N. R. 36

DUPLICATE

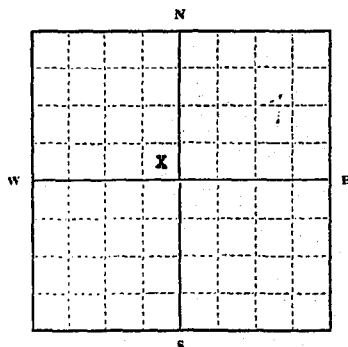
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Hackley, of Culbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 35 T. 26 R. 36

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 Stockwell
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 25, 1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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  
Windmill and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 20, 1953, July 25, 1953
8. The depth of water table 58 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 inch casing 92 ft.
10. The estimated amount of groundwater withdrawn each year 120,000 gallons
11. The log of formations encountered in the drilling of each well if available  
Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date 12-31-63

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.

29798

STATE OF MONTANA, { ss. 286504  
County of Richland,

Filed this 31 day of  
December A. D. 1963  
at 11:44 o'clock, P. M.

E. L. Kosken  
County Recorder  
Helen Dierker  
Deputy

for 2.00  
filed



File No. \_\_\_\_\_

T. 26 N. R. 56 E.

DUPLICATE

County Richland

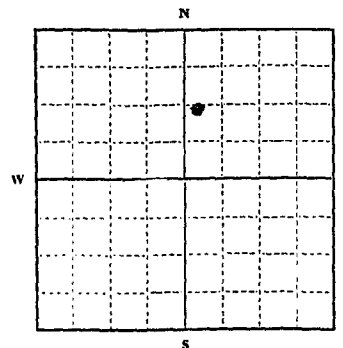
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald Zoanni, of Libbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 36 T. 26 R. 56

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 & it has been used ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal.

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 pumped with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well dug in 1952 and finished in 1952

8. The depth of water table 75'

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

5" casing & 1" pipes

10. The estimated amount of groundwater withdrawn each year 36,000 gal.

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

No information available

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

none available

Signature of Owner Donald Zoanni

Date Dec 28 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 to the Appropriator.

29497

286196

STATE OF MONTANA,

ss.

30 day of  
December 1962

E. L. Hooper

Helen Dierke

Deputy

Filed

GW 2

## STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. ....

JUL 25 1967

T 26 R 56

DUPLICATE

LOG

 Billie ..... McDermott .....  
 Butcher ..... McQuilly .....  
 Coyle ..... Martin .....  
 Deaton ..... Sullivan .....  
 Dickert .....

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County Richland

Top of Ground

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

 0  
 10  
 18 yellow silt  
 52½ yellow sand  
 53 gravel  
 53½ soft coal / water

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

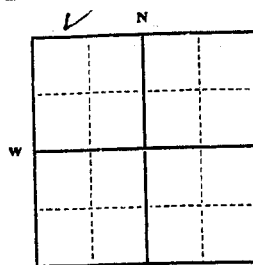
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Everett Baxter Address Culbertson, Mont.Driller Albert Anderson Address Medicine Lake, Mont.Date of Notice of appropriation of groundwater June 14, 1967Date well started June 13 - 67 Date completed June 14, 67Type of well drilled Equipment used rotary  
(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 | PERFORATIONS |           |           |                       |
|----------------------|---------------------------|--------------|-----------|-----------|-----------------------|
|                      |                           | From (Feet)  | To (Feet) | Kind Size | From (Feet) To (Feet) |
| 5 5/8                | 4" I.D.<br>11 lbs.        | 0            | 53 6      | none      | none none             |

Static Water Level for non-flowing well 8 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 36 feetat 5 gal. per minute.Discharge in gal. per min. of flowing well 0How Tested PumpingLength of Test 5 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) end of casing set in gravel
 1/4 Sec. T. R.  
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

46.169

STATE OF MONTANA, } ss 201889  
County of Richland,

Filed this 19 day of July

at 3:30 o'clock P.M.

County Recorder

Deputy



RECEIVED  
JAN 6 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 26N R. 27E

County Richmond

WATER WELL LOG

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

Owner Richmond Address Richmond

Driller Richmond Address Richmond

Date Started Jan 6 1958 Date Completed Jan 6 1958

Location: Sec. 1 T. 26N R. 27E 1/4 sec. 1

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: 2 ft. to 10 ft. Type Steel Size 4 in.

Casing: 10 ft. to 10 ft. Type Steel Size 4 in.

Casing: 10 ft. to 10 ft. Type Steel Size 4 in.

Perforated or Screened: Ft. 10 to ft. 10 Ft. 10 to ft. 10

Type of screen or perforations Slot

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

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

Pumping water level 10 feet at 10 gal. per min.

How tested:                     

Length of test                     

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

(over)

RECEIVED

JAN 6 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 26 N. R. 57 E

County. Richland

WATER WELL LOG

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

Owner Norman A. Brown Address Wadley, Mont

Driller Bob Johnson Address Sidney, Mont

Date Started Mar 20-57 Date Completed Mar 25-57

Location: Sec. 1 T. 26 R. 57 1/4 sec. NW 1/4 Sec 1

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: 85 ft. to \_\_\_\_\_ ft. Type Stile Size 4 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 82 to ft. 85 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Holes in casing

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

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

Pumping water level 75 feet at 5 gal. per min.

How tested: By pumping with regular well pump

Length of test 4.7 hours

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

(over)

### Log of Well

[illegible]



File No. ....

T 26 N R 57E

DUPLICATE

County **Richland**

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

yellow clay

25 blue clay  
30

fine sand

50 fine sand  
55

Owner **Norman C. Atwood** Address **Nehly, Montana**Driller **Schnell Inc.** Address **Dickinson, N.D.**

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

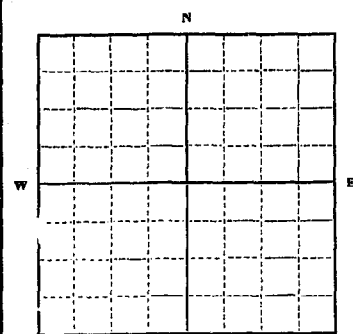
Date well started **02-05-63** Date Completed **02-09-63**

Type of well **drilled** Equipment Used **rotary**  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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) |
|                      | 4-1/2 OD<br>10.89<br>lbs/ft | - 1         | 45             |               |             |           |
|                      |                             |             | 3 non<br>brass | red<br>screen | 45          | 55        |



NW 1/4 Sec. 1 T. 26 R. 57

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..... 29 feet.

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

Pumping Water Level..... 35 feet at 14 gal. per minute.

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

How Tested..... Length of Test.....

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).....

**installed gravel pack**

Driller's License Number 77

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.

33689

STATE OF MONTANA, } ss. 287/24  
County of Richland, }

Filed this 20 day of

Jan A. D. 19 64

at 11:55 o'clock A. M.

E. L. Kader

County Recorder.

D. Sullivan

Deputy

fee: \$2.00  
filed

File No. ....

T. 26 N R. 57 E

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952Owner Geo Hackley Address CulbertsonContractor (if any) none

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.  dug out by hand from under sand rock at  
 ground level

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. 7 monthsstock spring summer  
pasture50,000 gallonSignature of Owner Geo HackleyDate 12-31-63

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

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

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

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

29776

STATE OF MONTANA, } ss. 286482  
County of Richland,

Filed this 31 day of  
December, 1962  
at 11:22 o'clock P. M.

E. L. Hooker  
County Recorder  
John Duske  
Deputy

For 200  
filed

GV.

Approver Stock Form—State Publishing Co., Helena, Montana—42234

File No. ....

T. 26 N. R. 37

DUPLICATE

County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

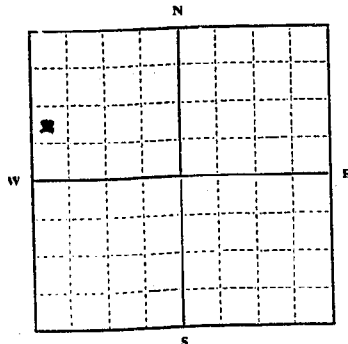
JAN 10 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. O'Connor Brothers, Inc., of Gulbertson (Town)  
(Name of Appropriator) (Address)

County of Richland State of Montana  
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.....  
Home consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1913—continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gals. 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  
No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
2" cylinder pump 24" sec. 16 T. 26 R. 37

Sec. 16 T. 26 R. 37

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 withdrawal of groundwater. 1913

8. The depth of water table. 30'

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. Board 24" 90' Steel casing

10. The estimated amount of groundwater withdrawn each year. 36,000 lbs.

11. The log of formations encountered in the drilling of each well if available. 20' topsoil; 5' coal; balance is clay.

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

Signature of Owner.....

O'Connor Brothers, Inc.

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 to the Appropriator.

29870

286577

STATE OF MONTANA, }  
County of Richland, } ss.

Filed this 31 day of  
December A. D. 19 63

at 12:57 o'clock, P.M.

E. L. Hooker  
County Recorder

E. Hook  
Deputy

fee \$2.00  
filed

County Alameda 17

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.

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

Owner \_\_\_\_\_ For Administrator's Use \_\_\_\_\_

Address \_\_\_\_\_ File 322764

Date well started 12/1/77 GW 1 1

completed 7-10-70

Type of well Hand-dug (Dug, driven, bored or drilled)

Equipment used 1000 (Chain, drill, rotary, or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

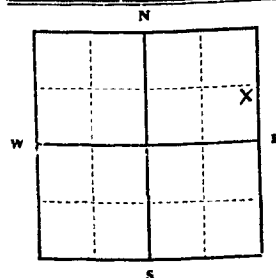
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL 1,200,000 liters

| Size of Drilled Hole | Size and Weight of Chisel | From (Feet) | To (Feet) | PERFORATIONS |             |           |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
|                      |                           |             |           | Kind Size    | From (Feet) | To (Feet) |
| 1 1/2"               | 1 1/2" x 1 1/2"           | 0           | 117       |              |             |           |
| 1 1/2"               | 1 1/2" x 1 1/2"           | 0           | 117       |              |             |           |



SE 1/4 NE 1/4 Sec. 17  
T. 26 N. R. 57 E. 4

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

Driller's Signature .....

Driller's Address .....

LICENSE NO.....

**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) 6.02

| From<br>(Feet) | To<br>(Feet) |           |
|----------------|--------------|-----------|
| 7              | 4            | fine sand |
| 7              | 10           | fine sand |
| 45             | 10           | fine sand |
| 76             | 10           | fine sand |
| 102            | 145          | fine sand |
| 145            | 15           | fine sand |
| 152            | 67           | fine sand |
| 67             | 37           | fine sand |
| 37             | 20           | fine sand |
| 20             | 37           | fine sand |
| 37             | 45           | fine sand |
| 45             | 47           | fine sand |
| 47             | 51           | fine sand |
| 51             | 57           | fine sand |
| 57             | 65           | fine sand |
| 65             | 70           | fine sand |
| 70             | 77           | fine sand |
| 77             | 76           | fine sand |

Show exact depth of bottom

50,419

17

thick sand, show and well.

State

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

100 ft. deep

GW 2 Revised 1969  
STATE PUBLISHING COMPANY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL  
Developed after January 1, 1962

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

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

Owner

Address

Date well started

completed

Type of well

Equipment used

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

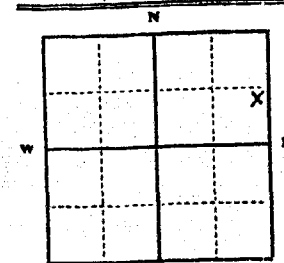
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 1,300,000 gal per year

| Size of Drilling Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |
|-----------------------|---------------------------|-------------|-----------|--------------|
| 10"                   | 8" sch 40                 | 0           | 117       |              |
| 7"                    | 5" sch 40                 | 0           | 657       |              |



S.E. 1/4 NE 1/4 Sec. 17  
T. 26 N. R. 57 E  
S. 7'

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

Driller's Signature

Driller's Address

RECEIVED

MAY 18 1972

County HILL 17

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) 7400

| From (Feet) | To (Feet) |                        |
|-------------|-----------|------------------------|
| 0           | 43        | surface sandstone clay |
| 42          | 90        | clay                   |
| 88          | 90        | clay                   |
| 90          | 103       | fine gray sand         |
| 103         | 145       | gray shale             |
| 145         | 152       | clay                   |
| 152         | 167       | gray shale             |
| 167         | 187       | clay                   |
| 187         | 190       | gray shale             |
| 190         | 195       | clay                   |
| 195         | 465       | gray shale             |
| 465         | 492       | clay / sandstone       |
| 492         | 511       | gray shale             |
| 511         | 512       | clay                   |
| 512         | 630       | clay and sandy clay    |
| 630         | 58        | gray sandy clay        |
| 650         | 670       | gray sandstone         |
| 670         | 671       | clay                   |
| 671         | 700       | sand water             |

Static water level 408 ft.  
Pumping water level \_\_\_\_\_ ft.  
at 10 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping  
began.

\*Measured from ground level.  
Well developed by air  
for \_\_\_\_\_ hours.

Power \_\_\_\_\_ Pump \_\_\_\_\_ HP

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

\_\_\_\_\_

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\_\_\_\_\_

LICENSE NO. 12

700

Show exact depth of bottom

50,419



322764

STATE OF MONTANA, }  
County of Richland, }

Filed this 17 day of  
May A. D. 1922  
at 10 o'clock P. M.

Helen Threlkeld  
County Recorder  
L. J. Threlkeld  
Deputy

for \$2.00

File No. ....

T. 26 N. R. 37 E.

DUPLICATE

County. Richland

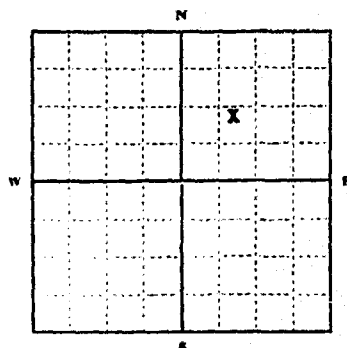
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Hackley, of Culbertson  
(Name of Appropriator) (Address) (Town)

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



$\frac{1}{4}$  Sec. 18 T. 26 R. 37

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 Stockwell

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 20, 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 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.  
Windmill and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 10, 1955, August 20, 1955

8. The depth of water table 130 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 inch casing 184 ft.

10. The estimated amount of groundwater withdrawn each year 120,000 gallons

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

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

Signature of Owner Leo Hackley

Date 12-31-63

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.

29796

STATE OF MONTANA, } ss. 286502  
County of Richland,

Filed this 31 day of  
December A.D. 1963  
at 11:42 o'clock P.M.

E. L. Keeser  
County Recorder  
Helen L. Keeser  
Deputy

2.00  
filed

File No. ....

T. 26 N. R. 57 E. 18

DUPLICATE

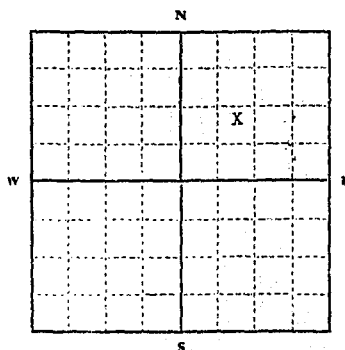
County. Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Hackley, of Culbertson  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T.26 R.57

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, lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. January 10, 1958 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Garden - 2 acres  
SWNE 18-26-57  
Leo Hackley
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Deep well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. January 6, 1958, January 10, 1958

8. The depth of water table. 110 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. 32,600 gallons

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

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

Signature of Owner Leo Hackley

Date 12-31-63

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.

29797

STATE OF MONTANA, } ss. 286502  
County of Richland,

Filed this 31 day of  
December A. D. 1963  
at 11:42 o'clock A. M.

E. L. Hooker  
County Recorder

Helin Hooker  
Deputy

Fee 2.00  
filed

File No. ....

T. 26 N. R. 57 E.

DUPLICATE

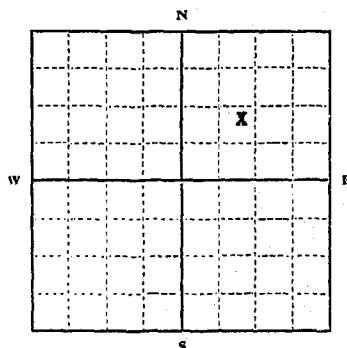
County Richland

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leo Hackley of Culbertson, Montana  
(Name of Appropriator) (Address) (Town)  
County of Richland State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T. 26 R. 57

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, garden, lawn and shelterbelt.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. December 7, 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 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  
3 acres, garden and shelterbelt  
SWNE 8-26-57  
Leo Hackley

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. December 4, 1957, December 7, 1957

8. The depth of water table. 80 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. 70 ft. 6 inch casing  
62 ft. 4 1/2 inch casing

10. The estimated amount of groundwater withdrawn each year. 40,000 gallons

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

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

Signature of Owner Leo Hackley

Date 12-31-63

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.

29795

STATE OF MONTANA, } ss. 286501  
County of Richland,

Filed this 31 day of  
December A.D. 1963  
at 11:46 o'clock, P.M.

E. L. Lockyer  
County Recorder  
Helen Quicke  
Deputy

Fee 2.00  
filed

T. 26N R. 57E

County Richmond

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 28 1958

WATER WELL LOG

STATE ENGINEER

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

Owner O'Connor Bros. Inc. Address Calhoun

Driller Andy Smith Address Sidney

Date Started Oct 2 Date Completed Apr 27-58

Location: Sec. 18 T. 26 R. 57 1/4 sec. SE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 229 ft. to \_\_\_\_\_ ft. Type A.D. Size 6 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 173 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations cut with cutting tool

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

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

Pumping water level 10 feet at 7 gal. per min. 6

How tested: bedding

Length of test 3 1/2

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

(over)



## Log of Well

| Depth, feet |     | Description of Material Drilled   |
|-------------|-----|-----------------------------------|
| From        | To  |                                   |
| 0           | 60  | Sand & silt                       |
| 60          | 68  | Coal and mass of water per minute |
| 68          | 200 | Blue clay                         |
| 200         | 210 | Coal                              |
| 210         | 229 | Sand and silt                     |

260425

STATE OF MONTANA, }  
County of Richland, }

Filed this 25 day of November A.D. 1958

at Helena, B. M.

E. R. Harker  
County Recorder

G. G. Gant  
Deputy

RECEIVED  
APR 17 1958

T. 26 N R. 37 E

County: Richland

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

### WATER WELL LOG

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Owner: O'Connor Bros., Inc. Address: Culbertson, Montana

Driller: Andy Munk Address: Sidney, Montana

Date Started: April 2, 1958 Date Completed: April 9, 1958

Location: Sec. 12 T. 26 R. 37 1/4 sec. 37

Type of well: Drilled (Dug, driven, bored, or drilled) Equipment used: Chain Drill (Cable tool, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

Casing: 36 ft. to 120 ft. Type: Steel Size: 6 inch

Casing: 120 ft. to 222 ft. Type: Steel Size: 4 1/2 inch

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 60 to ft. 72 Ft. 222 to ft. 226

Type of screen or perforations: \_\_\_\_\_

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

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

Pumping water level: \_\_\_\_\_ feet at 7 1/2 gal. per min.

How tested: Meter

Length of test: \_\_\_\_\_

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

(over)

### Log of Well

[illegible]

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 26N R. 57E  
County Richland

18

WATER WELL LOG

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Owner McCormac Bros Inc Address Aulberton  
Driller Andy Mocko Address 320 SE Sidney  
Date Started Apr 2 Date Completed Apr 9-58  
Location: Sec. 18 T. 26 R. 57  $\frac{1}{4}$  sec.

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: 229 ft. to \_\_\_\_\_ ft. Type O.D. Size 6 in  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 56 to ft. 173 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations cut with cutting torch

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

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

Pumping water level: 16 feet at 7 gal. per min. 7 gals/min

How tested: Baling

Length of test 1 Hour

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

(over)