

File No.

T. 7 N R. 10 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

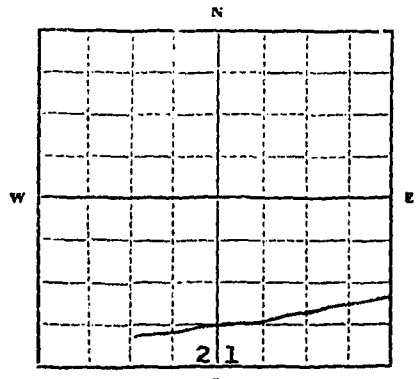
RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

State of Montana
1. Montana State Prison, of Deer Lodge, Montana
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/2 SE 1/4, Sec. 1, T7N, R10W.
S 1/4 SW 1/4, Sec. 2, T. 7E R. 10W.

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

- 2. The beneficial use on which the claim is based.....
Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
August 1960, continuous during irrigation season.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
200 inches - April through September
- 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.....
Sections 7 and 8, T7N, R9W, State of Montana.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Drain ditch - free flowing.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... August 1960
- 8. The depth of water table..... one foot
- 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.....
Drain ditch - 2000 feet in length. 4 1/2 feet deep (average) water free flowing from drain.
- 10. The estimated amount of groundwater withdrawn each year..... 37 gals per sec. 1,166,932,000 gals per year.
- 11. The log of formations encountered in the drilling of each well if available.....
top soil - gravel & clay - log 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..... Not applicable

MONTANA STATE PRISON
Signature of Owner By: [Signature] Warden.
Date December 30, 1963

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

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

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

32192

63047

DECLARATION OF VESTED GROUNDWATER
RIGHTS

STATE OF MONTANA
MONTANA STATE PRISON

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:40 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.....

T. 7N R. 10W.

DUPLICATE

County Powell

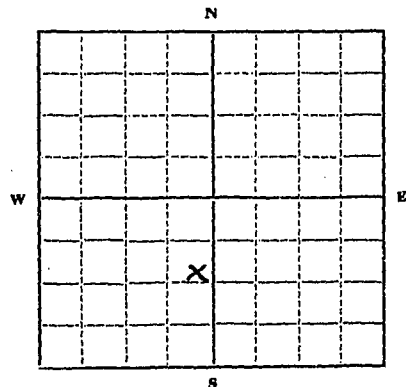
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. State of Montana, of Montana State Prison, Deer Lodge,
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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

Above plat represents SE 1/4 SW 1/4, Sec. 2, T7N, R10W.

2. The beneficial use on which the claim is based... Prison use domestic - for inmates.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 10-8-1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 750 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 - see description

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 9-9-56 commencement... 10-8-56 completion

8. The depth of water table... 12 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Drilled well - 200 feet deep - 12 inch casing - pump 750 gals per minute.

10. The estimated amount of groundwater withdrawn each year... 750 gals per min.

11. The log of formations encountered in the drilling of each well if available... Log not available
formations generally - clay - sand - gravel

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... other information not available.

MONTANA STATE PRISON
Signature of Owner By *[Signature]*
Warden
Date December 30, 1963

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

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

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

32194

73049

DECLARATION OF VESTED GROUNDWATER
RIGHTS

STATE OF MONTANA
MONTANA STATE PRISON

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:42
P.M.

Daniel E. Hertz
Clerk and R

By _____ Dep.

Fee \$ 2.00 Paid

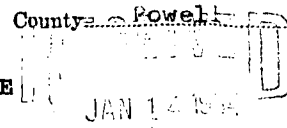
File No.

T. 7 N. R. 10 W.

DUPLICATE

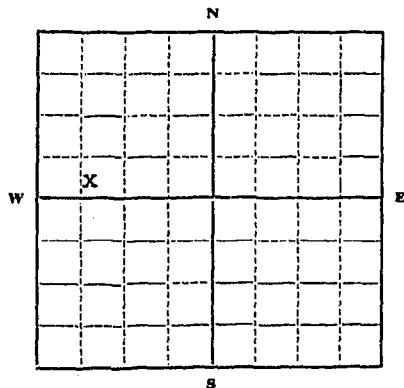
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

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



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

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

Above plat represents NW 1/4 SW 1/4, Sec. 2, T. 7N, R. 10W.

- 2. The beneficial use on which the claim is based. Domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. September, 1961 - continuous use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Domestic use - Montana State Prison, Rothe Hall, State of Montana
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump - NW 1/4 SW 1/4 of Sec 2, T. 7N, R. 10W.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. September, 1962
- 8. The depth of water table. 10 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 inches - 100 ft. withdrawal by pump
- 10. The estimated amount of groundwater withdrawn each year. 567,648,000 gallons per year
- 11. The log of formations encountered in the drilling of each well if available. clay and 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. No other information available.

MONTANA STATE PRISON
Signature of Owner By [Signature]
Date December 26, 1963 Warden

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.

32196

73051

DECLARATION OF VESTED GROUNDWATER
RIGHTS

STATE OF MONTANA
MONTANA STATE PRISON

**RECEIVED
POWELL COUNTY, MONTANA**

December 31st, 19 63
at _____ minutes past 4:44 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

RECEIVED
OCT 10 1956

T. 7N R. 10W

County Powell

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner Montana State Prison Address Deer Lodge, Montana

Driller Layne-Minnesota Co. Address Minneapolis 18, Minn.

Date Started Fall 1956 Date Completed Fall 1956

Location: Sec. 2 T. 7N R. 10W 1/4 sec. NE 1/4 of SW 1/4

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

Water us: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 170 ft. Type steel Size 12 Diameter

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

Casing plus screen equal 220 Ft. Screen actually installed opposite water strata

Perforated or Screened: Ft. 170 to ft. 220 Ft. _____ to ft. _____

Type of screen or perforations Stainless Steel Shutter Type

Static Water level, for non-flowing well: Approx. 30 feet.

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

Pumping water level 125 feet at 200 gal. per min.

How tested: With centrifugal submerged pump

Length of test 2 1/2 hrs.

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

This well was drilled 220Ft. deep to a diameter of 38". The first 45 Ft. were cemented outside of a 30" casing. The 12" casing was installed and the volume between the cored hole and the casing was filled with 1/4" gravel

(over)

**RECEIVED
POWELL COUNTY, MONTANA**

May 8 - 1958
at _____ minutes past 3:30 o'clock

M.
Daniel B. Hertz Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ _____

35'	38'	Sandy Clay
38'	40'	Clay, small streaks of fine sand some water
40'	43'	Hard clay, small streaks of sand & gravel
43'	45'	Soft sandy clay not enough water for drilling
45'	125'	Soft sand stone with streaks of clay in gravel form-plenty of water for drilling
125'	150'	Hardpan clay, sandstone, trace of fine sand
150'	175'	Softer clay, hardpan more broken up
175'	184'	More fine sand & clay with hardpan
184'	185'	Fine sand
185'	188'	Fine sand and clay
188'	197'	More clay, trace of blue clay & sand
197'	210'	Some fine sand, clay and brown hardpan
210'	223'	Same as above
223'	225'	Hard yellow clay
225'	230'	Fine sand very hard brown clay & hardpan
230'	240'	Soft brown clay, hardpan, trace of blue clay

File No. 99-62

T. 7N R. 10W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 5 1962

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

21' Top of Ground
Top soil
(Elev. above sea level 5,000)

Owner Montana State Prison Address Deer Lodge, Montana

Driller C.F. Wroble Address Millcreek RFD # 1 Anaconda Montana

17 ft. static water level Date of Notice of Appropriation of Groundwater

Date well started Nov. 17, 1962 Date Completed Nov. 19, 1962

22' Sand gravel and large boulders (glacial overburden)

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6" 15 lb.	Surface	60	slots 3/16 X 5"	58'	55'

48' pumping level.

Static Water Level for non-flowing Well 17' feet.

Shut-in Pressure for Flowing Well

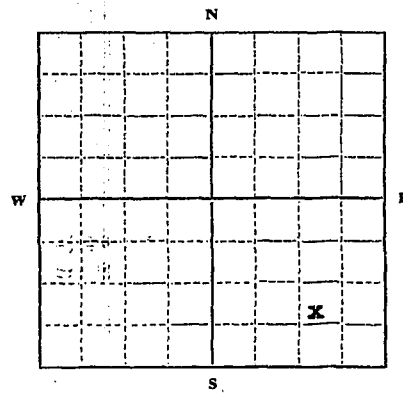
Pumping Water Level 48 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailed 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)

Loose gravel pack 52 ft. to 58 ft.



SE 1/4 Sec. 4 T. 7N R. 10W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

60' Sand and fine gravel. Show exact depth of bottom.

60 ft. at bottom

62
Driller's License Number

C.F. Wroble
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.

71238

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MONTANA STATE PRISON

RECEIVED
POWELL COUNTY, MONTANA

December 4th, 1962
at _____ minutes past 1:45 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

6

File No.....

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

DUPLICATE

County.....Powell.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 28 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....
U.S. Dept. of Agriculture,
Owner.....U.S. Forest Service Address.....Butte, Montana.....

Contractor (if any)None.....

Address of ContractorNone.....

Date Started.....10/1/63..... Date Completed.....1/15/64.....

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.....2 ft. deep seep in hillside.....

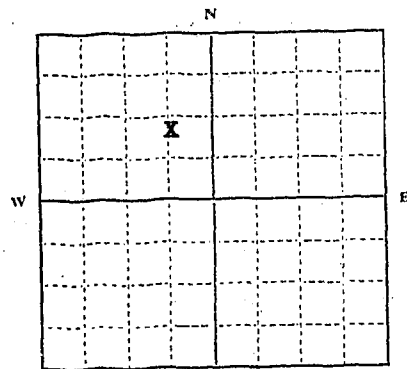
Gravity flow. Stone and concrete box, 1 1/2 inch
galvanized pipe flowing to a wooden trough.

Robinson # 2

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.....

3 qts. per minute used year round.



NE 1/4 NW 1/4 Sec. 6 T. 7N. R. 10W

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

U.S. Dept. of Agriculture,
U. S. Forest Service, By:

Signature of Owner.....Paul A. Hoskins.....

Date.....Feb. 27 1964.....

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.

73461

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

U.S. DEPT. OF AGRICULTURE
U.S. FOREST SERVICE

RECEIVED
POWELL COUNTY, MONTANA

February 27th, 19 64
at _____ minutes past 11:05 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$2.00 Paid

15

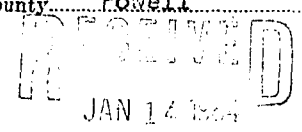
File No.

T. 7 N. R. 10 W.

DUPLICATE

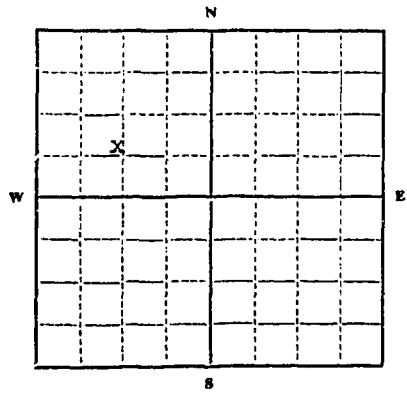
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

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



NW 1/4 SE 1/4 Sec. 15, T. 7 N. R. 10 W.

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

Above plat represents NW 1/4 SE 1/4 of Sec. 15 T. 7 N. R. 10 W.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 320 Acres. S 1/2 of Sec. 14, T 7 N, R 10 W. State of Montana

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 September 1962

8. The depth of water table 5 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 - 75 feet deep. Withdrawal by means of a pump

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

11. The log of formations encountered in the drilling of each well if available gravel & clay and topsoil. Other information 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 not available.

MONTANA STATE PRISON
Signature of Owner By [Signature] Warden.
Date December 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.

32195

73050

DECLARATION OF VESTED GROUNDWATER
RIGHTS

STATE OF MONTANA
MONTANA STATE PRISON

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:43 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

RECEIVED

File No. _____
JAN 21 1970

T. 7 N. R. 10 W.

DUPLICATE

County. Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Index No. 1628
Powell Co.
Book 1, Page 379
Water Rights
A Re filing

Notice of Completion of Groundwater Appropriation
Without Well

Revised After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

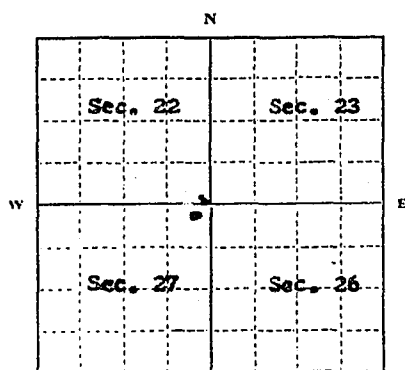
Doc. No. 82792
Filed for record
this 20 day of January
A. D. 1970 at 11:05
o'clock A.M.

Date of Appropriation of Groundwater. October 21, 1908

Owner. Lou C. Kelson Address R #1, Deer Lodge
(Edward Chapman, Original appropriator) & claimant
Contractor (if any). Unknown

Address of Contractor _____

Date Started Oct. 1908 Date Completed Oct. 1909



1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed springs in S.E. 1/4 of S. E. 1/4 of Sec. No. 22 in T. 7 N. R. 10 W. and spring rising in N. E. 1/4 of N. E. 1/4 in Sec. 27, in T. 7 N. R. 10 W. conveyed for use by 3 1/2 mile pipeline to S. E. 1/4 of S. E. 1/4 of Sec. 30 in T. 7 N R. 9 W.

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

3) Depth of water table. Unknown - Surface

S.E. 1/4 of S.E. 1/4 of Sec. No 22 R10W
N.E. 1/4 N.E. 1/4 Sec. 27 T. 7 N. R. 10 W.

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

S.E. 1/4 of S.E. 1/4 of Sec. 30 in T. 7 N. R. 9 W.

Use of the water. Domestic purposes, irrigation and other useful and beneficial purposes.

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) One cubic foot per second

6) If used for irrigation, give number of acres and description of land. Garden and small pasture

7) Estimate amount of water used each year. Continual use of output

Signature of Owner Lou C. Kelson

Date Jan 20 1970

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.

82792

RECEIVED
POWELL COUNTY, MONTANA

January 20th 19 70

at _____ minutes past 11:05 o'clock

_____ A. M.

Elfa McDonough
Clerk and Recorder

By _____ Deputy

Fee \$ _____

County Powell Twp. 77 Rge. 9W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	Johnson, C. & E. J. & M. M. M. M.	1962	No #	
3	Woodin, John	1960	No #	
3	Johnson, C. & E. J. & M. M. M. M.	GW4	72857	
4	Goldie, Louis B.	GW4	71397	
4	Goldie, Louis B.	GW4	71396	
4	Larsen, A. T.	GW2	82633	
4	Larsen, A. T.	GW4	73096	
4	Mc Elvain, Joseph A. & Mary U.	GW3	73077	
4	Mitchell, Magdalene U.	GW4	73026	
4	Phelps, Dr. Sara T.	GW2	86227	
4/33	Leveck, Amanda M.	GW2	86344	
4/33	Deer Lodge Creamery	1960	No #	
6	Deer Lodge Country Club	GW2	72135	
9	McKee, Edward A.	1961	No #	
9	Koranga, Matt.	GW2	88618	
9	Benjamin, Harold	GW2	81314	
9	Benson, Cliff	GW2	75258	
9	Benson, Bill	GW2	88292	
9	Spannlin, Bruce	GW2	86771	
9	Lowell, Frank	GW4	73377	
9	Marsley, Ken	GW2	87049	
9	Marsley, Ken	GW2	87048	
9	Morgan, Mabel	GW2	88199	
9	Smith, Robert A.	GW2	82423	
9	Rennifield, Kenneth L.	GW2	73532	
9	Valitans, Don F. & Margaret B.	GW3	73674	
9	Link Remer, Richard	GW2	88044	
10	Habeler, J. W. & Harriet	GW2	84704	
11	Elberson, Paul C.	GW4	72910	
13	Reilly, Walter J.	GW4	72671	
13	Winters, Frank B.	GW4	73078	
14	Wagner, Frank B.	GW4	73079	
14	Schiele, Winny	GW3	72683	
14	Schiele, Henry	GW3	72687	
15/16	Young, M. Duane & Nancy L.	GW4	72326	
16	Reistad, Melvin E.	GW4	73042	
20	Michelson, Donald E.	GW4	72908	
24	Schusch, W. E.	1958	No #	
24	Schusch, W. E.	1958	No #	
24	Schusch, W. E.	1958	No #	
27	Kelson, Lou C.	GW3	82792	
29	Morgan, Eugene C.	GW4	75513	
29	Reistad, Melvin E.	GW4	73041	
29	Lourey, Al	GW2	84738	
30	Kelson, Lou C.	GW4	82791	
31	Johnson, Lewis	GW4	73018	

RECEIVED
MAY 19 1960

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____
County Fowl

WATER WELL LOG

Owner John Wardenfeller Address PO Box 524 Deer Lodge
 Driller C.F. Wroble Address PO Box 170 Anaconda Montana
 Date Started April 28 1950 Date Completed May 21 1950
 Location: Sec. 3 T. 7 R. 9 1/4 sec.

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: Surface ft. to 133 ft. Type Standard Size 6"

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

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

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

Type of screen or perforations: _____

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

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

Pumping water level: 125 feet at 20 gal. per min.

How tested: Bailed

Length of test: 2 hours

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

File No.

T. & 7W R. 9N

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963

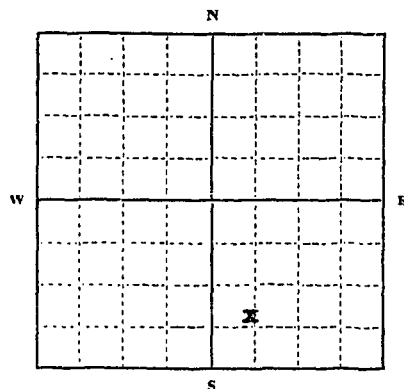
STATE ENGINEER

Clark R. Johnson, Margaret J. Marsh
and Edw. J. Marsh

1C Johnson, E. J. and M. J. Marsh, of Box 17, Deer Lodge
(Name of Appropriator) (Address) (Town)

County of Powell State of Montana

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



SW 1/4 SE Sec 3 T. 7N R. 9W

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

- 2. The beneficial use on which the claim is based.....
Domestic and Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
May 5, 1949 Constant Use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10
- 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.....
Yard and Garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump - See Plat

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Commenced May 1, 1949, Completed May 5, 1949
- 8. The depth of water table.....
55 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" Drilled 125 Feet Deep
- 10. The estimated amount of groundwater withdrawn each year.....
1,752,000 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.....
Montana Bureau of Mines Water Well Log Originally given to Powell County Clerk and Recorder on December 29, 1961 at 4:25 P. M.

Clark R. Johnson Margaret J. Marsh
Signature of Owner. Edw. J. Marsh
Date Dec 16, 1962

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

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

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

15963

72857

DECLARATION OF VESTED GROUND-
WATER RIGHTS

CLARA R. JOHNSON, MARGARET J.
MARSH & EDW. J. MARSH

RECEIVED
POWELL COUNTY, MONTANA

December 16th, 1963
at _____ minutes past 1:10 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

GW

File No.

T. 7 N. R. 9 W

DUPLICATE

County Powell

STATE OF MONTANA

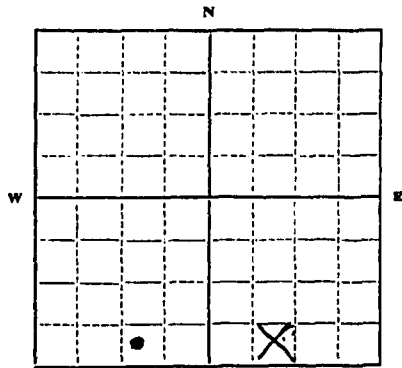
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis B. Goldie of Deer Lodge
(Name of Appropriator) (Address) (Town)
County of POWELL State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 4 T. 7 N. R. 9 W

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

- 2. The beneficial use on which the claim is based. Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1914 September continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2.5 inch
- 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. about 1 acre
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pumps has pumps
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. about June 1914 to about Sept 1914 this was farm property doing their own work
- 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. none
- 10. The estimated amount of groundwater withdrawn each year. 5,000,000
- 11. The log of formations encountered in the drilling of each well if available. not available its a drilled well.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Louis B. Goldie
Date Jan 11 - 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.

71397

DECLARATION OF VESTED GROUND-
WATER RIGHTS

LOUIS B. GOLDIE

RECEIVED
POWELL COUNTY, MONTANA

January 15th, 19 63
at _____ minutes past 10:30 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid



STATE OF MONTANA

STATE ENGINEER

SAM W. MITCHELL BUILDING

HELENA, MONTANA

FRED E. BUCK, STATE ENGINEER
HANS L. BILLE, ASSISTANT
E. S. Heidel, Deputy State Engineer

January 21, 1963

RECEIVED
JAN 23 1963

STATE ENGINEER

Mr. Daniel B. Hertz; Jr.
Powell County
Clerk and Recorder
Deer Lodge, Montana

Dear Mr. Hertz:

The enclosed duplicates of your Document Nos. 71396 and 71397 are returned because the section number has been omitted from the location description in each case. If the originals have the complete location noted, will you please copy it on these duplicates and return them to us?

Very truly yours,

FRED E. BUCK
STATE ENGINEER

E. S. Heidel

By: C. S. Heidel
Deputy State Engineer

CSH:ba
Encs. 2

Copies are same as the originals.
For your information, the Section
Number is Four (4).

Daniel B. Hertz, Jr.
Clerk & Recorder, Powell County, Montana
1/22/63

G.

File No.

DUPLICATE

RECEIVED

T. 7 N. R. 9 W

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

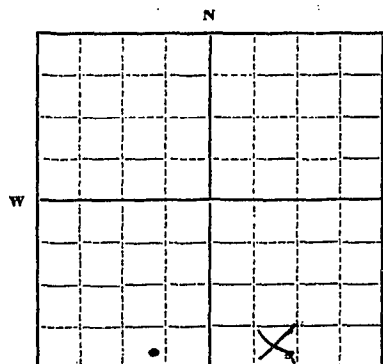
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Louis B. Goldie of Beer Lodge
(Name of Appropriator) (Address) (Town)
County of POWELL State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 4 T. 7 N. R. 9 W

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

2. The beneficial use on which the claim is based Drinking
irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 August, continuous
for irrigation 25 year and then
for irrigation.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric home
pumps, Hand pumps, and a Gas pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 700 to about 3 days to dig in 1912. 30 ft
deep.

8. The depth of water table 25 ft.

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

10. The estimated amount of groundwater withdrawn each year about 10,000,000 Gals

11. The log of formations encountered in the drilling of each well if available 10 ft dirt + gravel
3 ft clay 5 ft gravel 3 ft clay 4 ft gravel 2 ft clay
3 1/2 ft gravel quit on another layer of 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 not been of any.

Signature of Owner Louis B. Goldie

Date Jan 11, 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.

71396

DECLARATION OF VESTED GROUND-
WATER RIGHTS

LOUIS B. GOLDIE

RECEIVED
BOWELL COUNTY, MONTANA

January 15th, 19 63
at _____ minutes past 10:25 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. R.

DUPLICATE

County Powell

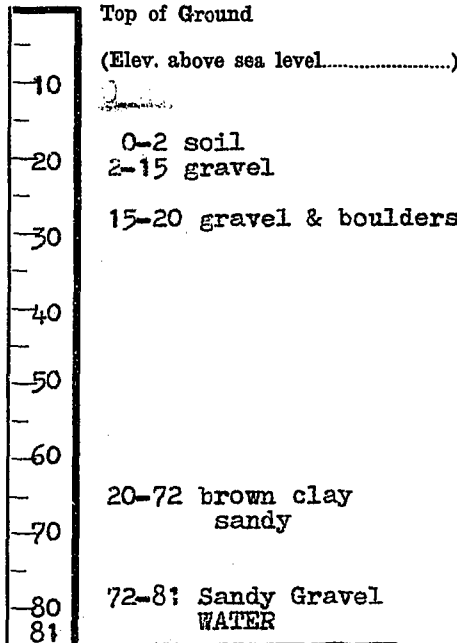
LOG

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)



Owner A. T. Larsen Address Deer Lodge, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater Aug. 13, 1969

Date well started Aug. 5, 1969 Date completed Aug. 7, 1969

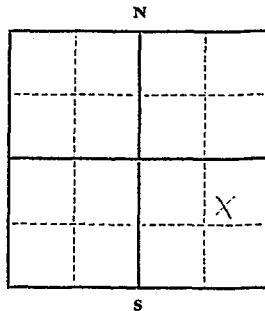
Type of well drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17 lb.	0'	73'	NONE		

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 5 1969



NE 1/4 Sec 4 T. 7 R. 9
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.....

Pumping Water Level..... 40 feet
at..... 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... bailer

Length of Test..... 3 hours

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

EIGHT

Driller's License Number

O'Keefe
Driller's Signature

45941

82633

**RECEIVED
POWELL COUNTY, MONTANA.**

December 4th 19 69

at _____ minutes past 2:45 o'clock

_____ P. M.

Elfa McDonough

Clerk and Recorder

By _____

Deputy

Fee \$ _____

File No.

T. 7 R. 9 W

DUPLICATE

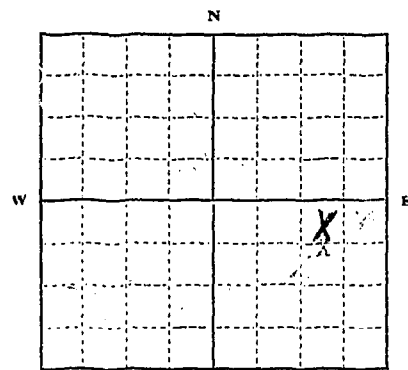
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 28 1964

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

1. A. T. Larson, of P.O. Box 567, Deer Lodge,
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



PT NE 4 SE 4
1/4 Sec. 4 T. 7 R. 9

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been in the 1870's

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

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

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

8. The depth of water table Don't know

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 About three feet in diameter, forty five feet deep. bricked up from bottom to top.

10. The estimated amount of groundwater withdrawn each year Don't know

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 A. T. Larson

Date 1963

December 31 st.

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.

27113

73096

DECLARATION OF VESTED GROUND-
WATER RIGHTS

A. T. LARSEN

RECEIVED
POWELL COUNTY, MONTANA

January 2nd, 19 64

at _____ minutes past 3:00 o'clock

P.M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 7N R. 9W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

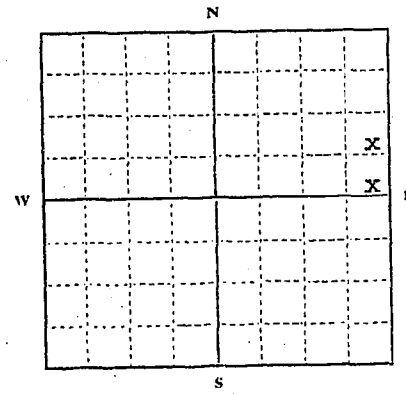
JAN 17 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1931
Owner Joseph A. & Mary W. McElwain
Address Deer Lodge, Montana
Contractor (if any)
Address of Contractor
Date Started 1931 Date Completed 1932



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A borrow pit was dug alongside of U.S. Highway No. 10 -- on each side of highway -- at the time it was constructed through owner's lands (this highway has since been abandoned). The borrow pits gathered underground water, which has been used since 1931 for stock water, and is suitable for irrigation; and has been used for the latter.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 100 inches is a small part of the total flow and this is used year around for stockwater, and irrigation during the growing season.

Sec. 4 T. 7N. R. 9W.
Indicate point of appropriation and place of use, if possible.

Tracts 107 and 108 of the "Valiton Ranch", - 10 acres. according to the plat on file and of record in the office of the County Clerk and Recorder of Powell County, Montana

Signature of Owner Joseph A. McElwain
Date December 31, 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.

73077

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

JOSEPH A. McELWAIN, ET UX

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63

at _____ minutes past 5:10 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 7^N R. 9^W

DUPLICATE

County Powell

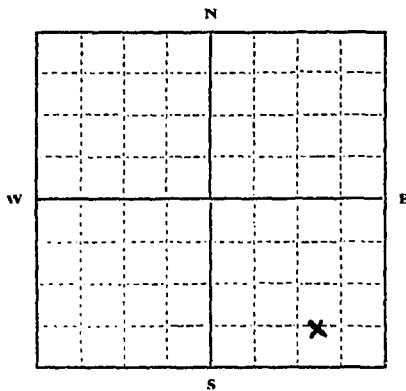
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marceliene U. Mitchell, of 466 Fourth Deep Lodge
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ SE Sec. 4 T. 7 R. 9
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.....

IRRIGATING

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

1914 -
Not continuous

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

20 gallons approx.

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 Lot 6 90 x 131 feet.

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

by pump
but not installed now.

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

1914

8. The depth of water table.....

60 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.....

60 ft. 8 inch.

10. The estimated amount of groundwater withdrawn each year.....

50000 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.....

Volume 7 Page 294

Signature of Owner Marceliene U. Mitchell

Date Dec. 31, 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.

29324

73026

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MARCELIENE U. MITCHELL

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 3:40 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

86727

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF
WELL

DR. GARR T. PHELPS

RECEIVED
POWELL COUNTY, MONTANA
July 21st 1972
at _____ minutes past 11:45 o'clock
A. M.
Bessie J. Miller
Clerk and Recorder
By EL
Asst. Deputy
Fee \$ 2.00

File No. 86344

T. 48 N. R. 20 W. Sec. 44 33

DUPLICATE

County Powell

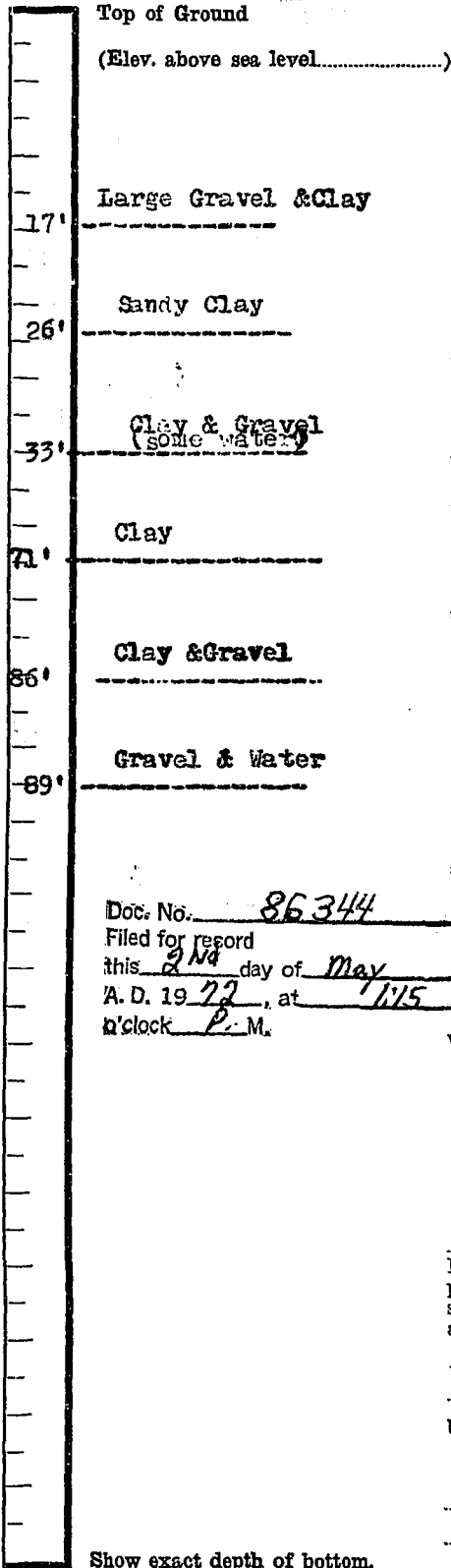
LOG

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)

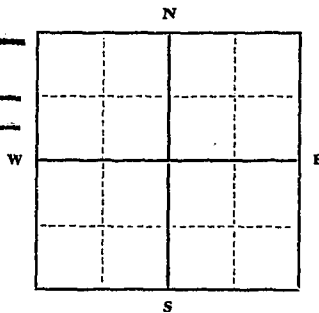


Owner: *Command M. Seveker*
 Address: 500 WEST MLW. ST. DEER LODGE, MONT.
 Driller: *Beebe Well Drilling*
 Address: Box 172 Arlee, Mont.
 Date of Notice of appropriation of groundwater.....
 Date well started..... Date completed **July 27, 1966**
 Type of well **Drilled** Equipment used **Churn Drill**
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I. D.	1' above ST. level	89'	1/8" x 4"	85'	89'

Doc. No. 86344
 Filed for record
 this 2nd day of May
 A. D. 19 72, at 1:15
 o'clock P. M.



Static Water Level for non-flowing well 35' feet.
 Shut-in Pressure for Flowing Well.....
 Pumping Water Level..... 35' feet
 at..... 25 gal. per minute.
 Discharge in gal. per min. of flowing well

How Tested Rated
 Length of Test 1 hr.
 Remarks: (Gravel packing, cementing, packers, type of shutoff).....

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).

Household

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.

Filed for the record this 2nd day of May at 1:15 P.M.

Mont. # 163
Driller's License Number

Ronald Beebe
Driller's Signature

Bonnie L. Miller
CLERK & RECORDER, POWELL COUNTY, MONTANA

Resources and Conservation
 Section
 Mitchell Building
 Montana 59601

Owner Amanda Severkes
 Address 509 West Milwaukee Street
 Location T. R. Sec.
 Doc. No. 86344

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

Special Instructions:

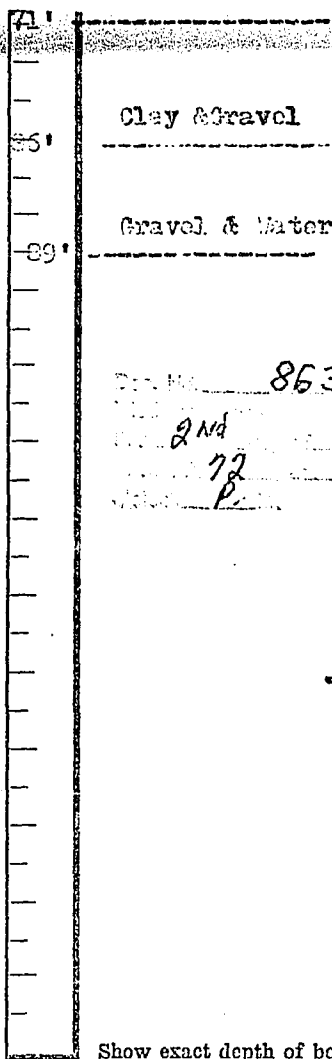
Please provide, as indicated in red on the enclosed form, the date the well construction started; and the complete location of the well by Township, Range and Section.

Thank you.

RECEIVED

JUN 28 1972

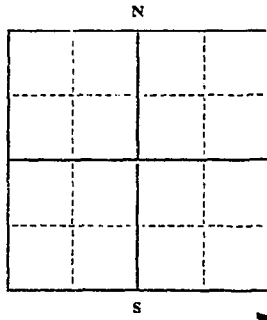
MONTANA DEPARTMENT OF NATURAL
 RESOURCES AND CONSERVATION



depth at which water is encountered, 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"	3" I.D. 1' above level		89'	1/4" x 1/4"	85'	89'

86344
 2nd May 72
 P.



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

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

I only have 7 lots on the property
 (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.

Filed for the record this 2nd day of May at 1:15 P.M.

Driller's License Number

Driller's Signature

50,307

RECEIVED

JUN 28 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Powell

LOG

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)

Owner Commonwealth Address 500 1st St. N. Deer Lodge, Mont.

Driller Deer Lodge Drilling Address Box 176 Deer Lodge, Mont.

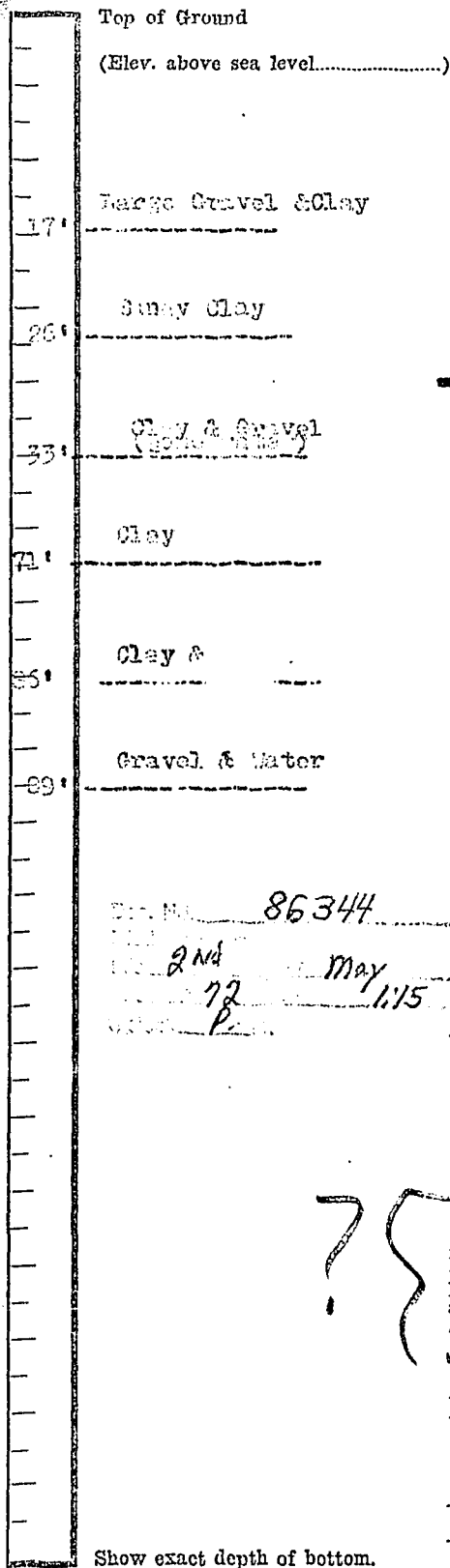
Date of Notice of appropriation of groundwater.....

Date well started 7-24-66 Date completed July 27, 1966

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

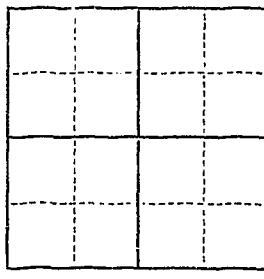
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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" I.D.	1' above level	59'	1/4" x 1/4"	55'	59'

Well No. 86344
2nd May 1972
P.



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

1/4 Sec. T. R. Indicate location of well and place of use, if possible. Each small square represents 40 acres.
This well is just for household use.
I only have 7 lots on the property.
(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).
Household

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.

Filed for the record this 2nd day of May at 1:45 P.M.

Driller's License Number

Driller's Signature

50,307
OFFICE OF STATE ENGINEER

RECEIVED

MAR 14 1960

T. 71870 R. 9W Sec. 433

County: ~~Butte~~ Powell

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Deer Lodge Creamery Address: Deer Lodge

Driller: C.F. Wroble Address: PO Box 170
Anaconda Montana

Date Started: March 25 1960 Date Completed: March 31 1960

Location: Sec. 1, T. 71870, R. 9W, Sec. 433, Deer Lodge Creamery, Deer Lodge, Montana

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 5' ft. to 87' ft. Type: Standard Size: 8"

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: 12' of 6" liner with 1/4" perforations

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

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

Pumping water level: 73' feet at _____ gal. per min.

How tested: Air compressor

Length of test: 6 hours

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



(over)

GW2

File No.....

DUPLICATE

RECEIVED
JUL 12 1962

T. 7 N R. 9 W

County... POWELL

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)

- Top of Ground (Elev. above sea level.....4700!.....)
- 4' Topsoil
- 10' Large rocks and clay
- 14' Small gravel & sand surface water
- 16' Sticky gray clay
- 62' Silty clay
- 65' Silty clay and sand, little water.
- 120' Clay and silt with a little sand, more water.
- 130' Sticky clay
- 132' Sticky clay with small seams of gravel
- 140' Clay with a little sand
- 162' Silty clay
- 183' Silty clay
- 184' Fine sand
- 190' Clay with some fine sand
- 225' Darker clay, some fine sand
- 240' Sticky brown clay with some fine sand
- 245' Lighter brown clay

Owner: DEER LODGE COUNTRY CLUB Address DEER LODGE, MONTANA

Driller: O'KEEFE DRILLING CO. Address DEER LODGE, MONTANA

Date of Notice of Appropriation of Groundwater Not applicable

Date well started Dec. 20, 1962 Date Completed Jan. 3, 1963

Type of well 10" drilled Equipment Used 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)
10"	10" steel	0	190'	12 4" slits per foot	12	14
					172	188

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

Shut-in Pressure for Flowing Well

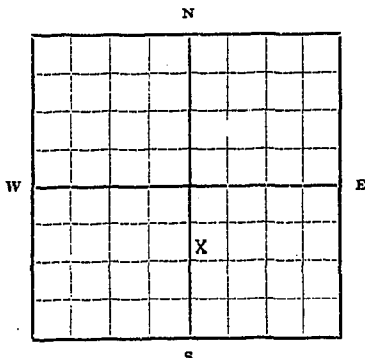
Pumping Water Level 45' feet at 50 gal. per minute.

Discharge in gal, per min. of flowing well

How Tested Bailed 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)

120 acres of golf course and recreational area



SE 1/4 Sec. 6 T. 7N R. 9W

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

Show exact depth of bottom.

No. 8
Driller's License Number

Emmett O'Keefe
Driller's Signature

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

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.

5001
HSE

72135

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

DEER LODGE COUNTRY CLUB

RECEIVED
POWELL COUNTY, MONTANA

July 10th, 1963
at _____ minutes past 2:50 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

RECORDED
INDEXED

Blind-stamped text, likely a carbon copy of a document, containing various lines of text and possibly a signature or name, though it is mostly illegible due to the quality of the scan and the nature of the stamping process.

T. 7N R. 9W
County Powell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 7 1924

WATER WELL LOG

Owner Edward A. McKee STATE ENGINEER Address Deer Lodge

Driller FRANK Conley Address Deer Lodge

Date Started 1924 Date Completed 1924

Location: Sec. 9 T. 7N R. 9W 1/4 sec. N 1/2 S.W. 1/4 S.E. 1/4 S.E. 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: 5' ft. to 104 ft. Type IRON Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations:

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

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

Pumping water level 15 feet at 20 ~~1200~~ ~~1250~~ ~~1300~~ ~~1350~~ ~~1400~~ ~~1450~~ ~~1500~~ ~~1550~~ ~~1600~~ ~~1650~~ ~~1700~~ ~~1750~~ ~~1800~~ ~~1850~~ ~~1900~~ ~~1950~~ ~~2000~~ ~~2050~~ ~~2100~~ ~~2150~~ ~~2200~~ ~~2250~~ ~~2300~~ ~~2350~~ ~~2400~~ ~~2450~~ ~~2500~~ ~~2550~~ ~~2600~~ ~~2650~~ ~~2700~~ ~~2750~~ ~~2800~~ ~~2850~~ ~~2900~~ ~~2950~~ ~~3000~~ ~~3050~~ ~~3100~~ ~~3150~~ ~~3200~~ ~~3250~~ ~~3300~~ ~~3350~~ ~~3400~~ ~~3450~~ ~~3500~~ ~~3550~~ ~~3600~~ ~~3650~~ ~~3700~~ ~~3750~~ ~~3800~~ ~~3850~~ ~~3900~~ ~~3950~~ ~~4000~~ ~~4050~~ ~~4100~~ ~~4150~~ ~~4200~~ ~~4250~~ ~~4300~~ ~~4350~~ ~~4400~~ ~~4450~~ ~~4500~~ ~~4550~~ ~~4600~~ ~~4650~~ ~~4700~~ ~~4750~~ ~~4800~~ ~~4850~~ ~~4900~~ ~~4950~~ ~~5000~~ ~~5050~~ ~~5100~~ ~~5150~~ ~~5200~~ ~~5250~~ ~~5300~~ ~~5350~~ ~~5400~~ ~~5450~~ ~~5500~~ ~~5550~~ ~~5600~~ ~~5650~~ ~~5700~~ ~~5750~~ ~~5800~~ ~~5850~~ ~~5900~~ ~~5950~~ ~~6000~~ ~~6050~~ ~~6100~~ ~~6150~~ ~~6200~~ ~~6250~~ ~~6300~~ ~~6350~~ ~~6400~~ ~~6450~~ ~~6500~~ ~~6550~~ ~~6600~~ ~~6650~~ ~~6700~~ ~~6750~~ ~~6800~~ ~~6850~~ ~~6900~~ ~~6950~~ ~~7000~~ ~~7050~~ ~~7100~~ ~~7150~~ ~~7200~~ ~~7250~~ ~~7300~~ ~~7350~~ ~~7400~~ ~~7450~~ ~~7500~~ ~~7550~~ ~~7600~~ ~~7650~~ ~~7700~~ ~~7750~~ ~~7800~~ ~~7850~~ ~~7900~~ ~~7950~~ ~~8000~~ ~~8050~~ ~~8100~~ ~~8150~~ ~~8200~~ ~~8250~~ ~~8300~~ ~~8350~~ ~~8400~~ ~~8450~~ ~~8500~~ ~~8550~~ ~~8600~~ ~~8650~~ ~~8700~~ ~~8750~~ ~~8800~~ ~~8850~~ ~~8900~~ ~~8950~~ ~~9000~~ ~~9050~~ ~~9100~~ ~~9150~~ ~~9200~~ ~~9250~~ ~~9300~~ ~~9350~~ ~~9400~~ ~~9450~~ ~~9500~~ ~~9550~~ ~~9600~~ ~~9650~~ ~~9700~~ ~~9750~~ ~~9800~~ ~~9850~~ ~~9900~~ ~~9950~~ ~~10000~~ gal. per min.

How tested:

Length of test:

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

.....
.....
.....
.....
.....

88018

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

MATT KORANG

RECEIVED
POWELL COUNTY, MONTANA

April 3rd 1973
at minutes past 2:20 o'clock

P. M.
Bonnie J. Miller
Clerk and Recorder.

By *EL*
Asst. Deputy

Fee \$ 2.00

File No.....

T. 7 N. R. 9 W.

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Powell

LOG

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

JAN 8 1968

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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



Top of Ground
(Elev. above sea level.....)
0'-1' Top Soil

1'-12' Gravel- Surface water

12'-35' Clay

35'-40' Sand-Heaving

40'-48'- Water sand gravel 6"

Owner Darrol Benjamin Address Deer Lodge, Mont.

Driller D. Knefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater Dec. 21, 1968

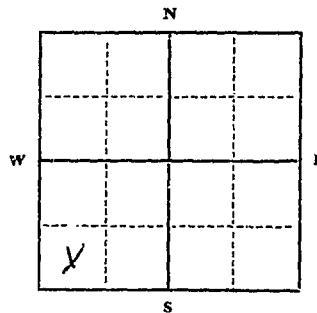
Date well started Dec. 5, 1968 Date completed Dec. 5, 1968

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	65/8 od	0'	48'	Cutting torch	43'-48'	



Static Water Level for non-flowing well 2' feet.

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

Pumping Water Level 20' feet at 30 gal. per minute.

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

How Tested Bailed

Length of Test 2 hrs.

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

S1/4, SW1/4 Sec 9 T. 7 N. R. 9 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Eight
Driller's License Number

Edward O. Knefe
Driller's Signature.

44,898

81314

RECEIVED
POWELL COUNTY, MONTANA

January 7th 1969

at _____ minutes past 1:25 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____

Deput

Fee \$ _____

File No.....

T. 7N R. 9W 9

DUPLICATE

County Rowell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 24 1965
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'-33' clay
33'-37' rocks, sand and gravel. (1 g. p. m.)

37'-75' clay sand, gravel

79'-93' clay

Owner Cliff Benson Address Deer Lodge, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

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

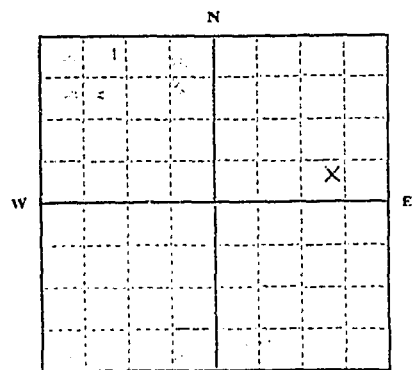
Date well started Feb. 8, 1964 Date Completed Feb. 10, 1964

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19#	0'	93'	cutting torch	88'	93'



SE 1/4 NE 1/4 Sec. 9 T. 7N, R. 9W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 93'

Static Water Level for non-flowing Well 23 feet.

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

Pumping Water Level 76 feet at 10 gal. per minute.

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

How Tested bailer Length of Test 2 hours

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

Driller's License Number 48

Driller's Signature Ed O'Keefe

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

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

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

34228

75258

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

CLIFF BENSON

**RECEIVED
POWELL COUNTY, MONTANA**

March 19th, 1965
at _____ minutes past 4:30 o'clock

P. M.
Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

RECORDED
MAR 22 1965

CLIFF BENSON

88293

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

WILLIAM J. HANSEN

RECEIVED
POWELL COUNTY, MONTANA
May 21st 19 73
minutes past 3:15 o'clock
P. M.
Louise J. Miller
Clerk and Recorder
By *W.J.H.*
Asst. Deputy
Fee \$ 2.00

86771

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

BRUCE HAMBLIN

Filed for the record @ 1:23 P.M.,
August 3rd, 1972.

Ronnie L. Miller
County Recorder

File No.

T. 14 R. 9 N.

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

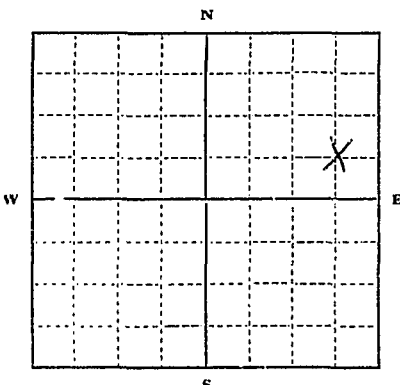
RECEIVED
FEB 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Frank Lovell, of R. F. D. Deer Lodge
(Name of Appropriator) (Address) (Town)
County of Powell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 9, T. 7 N. R. 9 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. about 1915 has been used continually since by state

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 150 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. 10 acres Frank Lovell

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pump 3 mi discharge

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. permitted by state to be 1915

8. The depth of water table. unknown to me

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other work for the withdrawal of groundwater. 8 in casing 175 ft deep

10. The estimated amount of groundwater withdrawn each year.

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

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. let me see of title of water search by Mr. S. P.

Signature of Owner. Frank Lovell

Date. Feb 13 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.