

334787

#338

STATE OF MONTANA. ss.  
County of Sheridan.  
Filed this 30 day of December A. D. 19 63  
at 8:00 o'clock A M.  
L. D. Nelson  
County Recorder  
Deputy

31  
T. 33N R. 52E  
County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1958

WATER WELL LOG

x		

Owner Melvin O. O. Gladys Pina Address Flagville Mont.

Driller Phillips Oil Co. Address \_\_\_\_\_

Date Started Nov. 24, 1958 Date Completed Nov. 24, 1958

Location: Sec. 31 T. 33 R. 52 1/4 sec. 9. N. 1/4

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

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

Casing: 120 ft. to \_\_\_\_\_ ft. Type Steel Size 3 in.

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

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

Perforated or Screened: Ft. none to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations none

Static Water level, for non-flowing well: 10 ft. of water feet.

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

Pumping water level dont know feet at \_\_\_\_\_ gal. per min.

How tested: none

Length of test: none

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

none

(over)

328025 #77

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 29 day of

Dec A. D. 1961

at 1:00 o'clock P. M.

W. H. H. H.  
County Recorder

Deputy

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

T. 33 N R 52 E

DUPLICATE

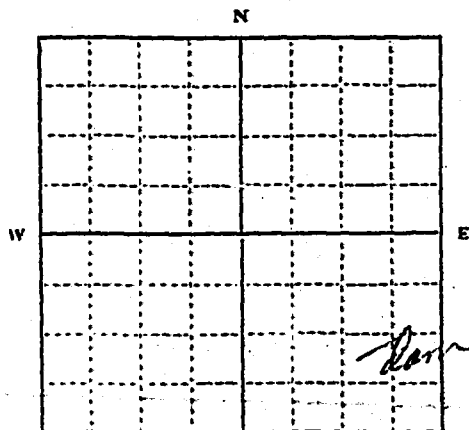
County SHERIDAN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

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

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



SE 1/4 SE Sec. 32 T. 33 N R. 52 E

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 WATERING

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been 1963

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) NOT APPLIC.

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 APPLIC.

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

NOT APPLIC.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 1963

8. The depth of water table NOT APPLIC.

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

NOT APPLIC.

10. The estimated amount of groundwater withdrawn each year NOT APPLIC.

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

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 DECEMBER 27, 1963

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

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

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

33064

334815

#364

STATE OF MONTANA, } ss.  
County of Sheridan.

Filed this 30 day of

December A. D. 1913.

at 12:05 o'clock P. M.

L. F. Nelson  
County Recorder

Deputy

## Page 1 of 1

County SHERIDAN Twp. 33N Rge. 53E

[illegible]

T. 33 N., R 53 E.

**SHERIDAN COUNTY**

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

STATE WATER CONSERVATION BOARD

T. 33 R. 53

DUPLICATE

MAR 10 1967

County Sheridan

LOG

Bore

Survey

Cable

Drilling

Direction

Dip

McDermott

McDermott

McDermott

McDermott

McDermott

McDermott

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, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Vernon

Owner Vern J. NicholsAddress Medicine LakeDriller Albert AndersenAddress Medicine LakeDate of Notice of appropriation of groundwater Sept. 25, 1966Date well started Sept. 26, 1966 Date completed Sept. 29, 1966Type of well DrilledEquipment used Rotary

(Dug, Driven, bored or drilled)

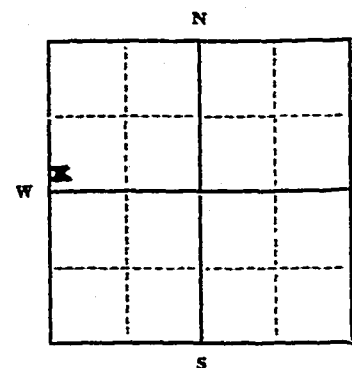
(Churn drill, rotary or other)

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	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4 to 1 1/4'	4 inch	0	152	0	0	0
5 5/8 to 1 5/8'	I D					
4 3/4 to 1 7/8'	II lb.					



Static Water Level for non-flowing well

140 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 152 feetat 4.5 gal. per minute.

Discharge in gal. per min. of flowing well

0How Tested PumpLength of Test 4 Hours

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

SW 1/4 Sec. 2 T. 33 R. 53  
 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.

170

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 106Driller's Signature Albert Andersen

41792

345413 H 566

STATE OF MONTANA,  
County of Sheridan.

Filed this 8 day of

March A. D. 1967

at 3:00 o'clock P. M.

L. L. Nielsen

County Recorder

By Myrtle Kallu  
Deputy



File No.

TRIPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

LOG

MAR 21 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T 33 N R 53 E 5

County Shannon

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

Address

Driller

Address

Date of Notice of appropriation of groundwater

Date well started

Date completed

Type of well

(Dug, driven, bored or drilled)

Equipment used

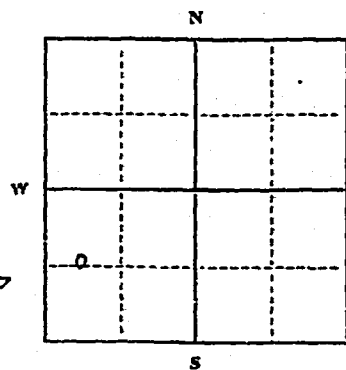
(Churn drill, rotary or other)

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)
5 7/8 to 55 ft.	4 inch I. P.	0	60	0	0	0
4 3/4 to 66	11 lb.					



71 1/2 Sec. 5 T33 R53  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 38 feet.Shut-in Pressure for Flowing Well 0Pumping Water Level 60 feetat 8 gal. per minute.Discharge in gal. per min. of flowing well 0How Tested StaticLength of Test 1 hr.

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.

Driller's License Number

Driller's Signature

44,000

348585

STATE OF MONTANA

County of Sheridan

Filed this

STATE OF MONTANA

County of Sheridan

Filed this

March

day of A.D. 1968

at 10:30 o'clock A.M.

L. D. Nelson

County Recorder

By Myrta Holter

Deputy

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

T. 33 R. 53

DUPLICATE

County Sheridan

JAN 15 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

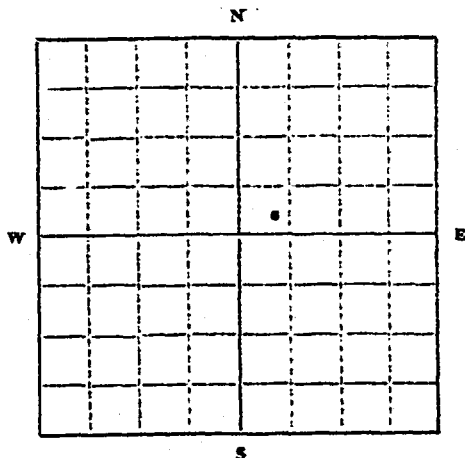
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

GLENN E JACOBSEN, of Reserve MONTANA  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NE 1/4 Sec. 16, T. 33 R. 53

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, spraying, human consumption, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 SW 1/4 of NE 1/4 Sec. 16-33-53
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep well jet
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction Nov 10, 1948  
Complete Nov 29, 1948
8. The depth of water table 30' feet from ground level
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 170 feet
10. The estimated amount of groundwater withdrawn each year 73,000
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Glenn E Jacobson  
Date 12-30-1963

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.

33047

334 798 # 347

STATE OF MONTANA. ss.

County of Sheridan.

Filed this 30 day of

Dec. A. D. 1963

at 12:05 o'clock P. M.

Let. Neelan  
County Recorder

Deputy

RECORDED  
INDEXED  
DEC 31 1963  
SHERIDAN COUNTY

DEPT. 2000

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

T. 33 R. 53 25

DUPLICATE

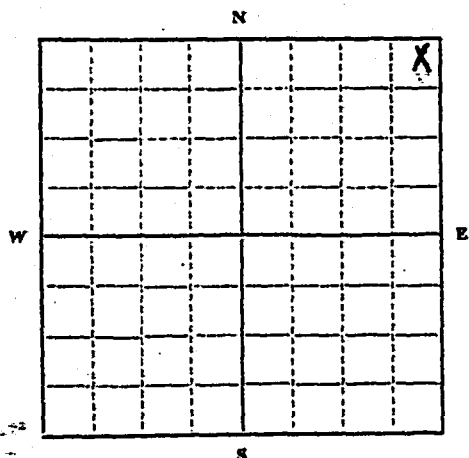
County Sheridan

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 18 1963

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

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



NE 1/4 Sec. 25 T. 33 R. 53

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 use,  
stock watering, irrigation garden, trees,  
berries ect.

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 1917 Have personally had  
it in continuous use since 1940.

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  
Irrigation use only for watering berries,  
garden, flowers ect.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Electric pump since 1950

8. The depth of water table 60 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 24 inch drilled well, 60 feet deep but  
water rises to 30 feet from ground level.

10. The estimated amount of groundwater withdrawn each year 500,000

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 none

Signature of Owner

Maurice Mork  
Date January 17, 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.

3337.

331496

#131

STATE OF MONTANA, ss.  
County of Sheridan

Filed this 15 day of

January A. D. 1963  
at 3:00 o'clock P. M.

L. L. Nielsen  
County Recorder

By Myrtle Haller  
Deputy

County Shasta, 29

JAN 4 1973

**STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CONTROL  
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 Albert Walker

Address Reserve Mart

Date well started Jan 24 72

completed June 25-72

Type of well Drilled

-----  
(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

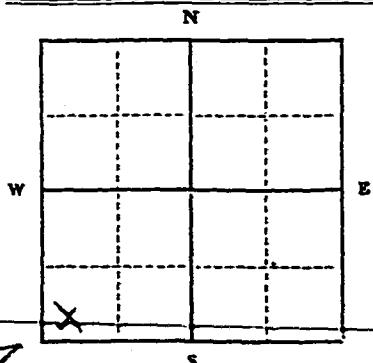
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*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 11,800 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 3/4" To	4" I.D.	0	54	0	0	0
40'						
4 1/2" To	11 lb.					
60'						



Static water level 45 ft.\*  
Pumping water level 53 ft.\*  
at 3 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Baker  
for 2 hours.

Power Electric Pump 1/2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) \_\_\_\_\_

SW 1/4 SW 1/4 Sec. 29  
T. 32 (N) R. 53 (E)  
S W

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

**Driller's Signature****Driller's Address**

LICENSE NO. 106

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)

[illegible]

68

Show exact depth of bottom

52,140

361853

# 612

INDEXED

STATE OF MONTANA, } ss.  
County of Sheridan.

Filed this 27 day of

Dec. A. D. 19 72

at 12:05 o'clock P M.

L. V. Nelson

County Recorder

Deputy



## GROUNDWATER INDEX

Page 1 of 1

County SHERIDAN Twp. 33N Rge. 54E

[illegible]

RECEIVED

OCT 24 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T 33 N R 34 E  
County Sheridan

WATER WELL LOG


Owner Henry Ater Address Plentywood, Montana  
Driller Howard Henderson Address Plentywood, Montana  
Date Started Sept. 27, 1957 Date Completed Sept. 27, 1957  
Location: Sec. 2 T. 33N R. 34E 1/4 sec. 9/E N/E

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

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

Casing: 0 ft. to 53 ft. Type Gal. 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: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

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

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)

312356

STATE OF MONTANA,  
County of Sheridan }

Filed this

16

day

A. D. 1957

4:10 o'clock P. M.

*W. H. Hunt*  
County Recorder

Deputy

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

T. 33 R. 54

DUPLICATE

County ShelburneSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 6 1963Notice of Completion of Groundwater  
Appropriation by Means of Well

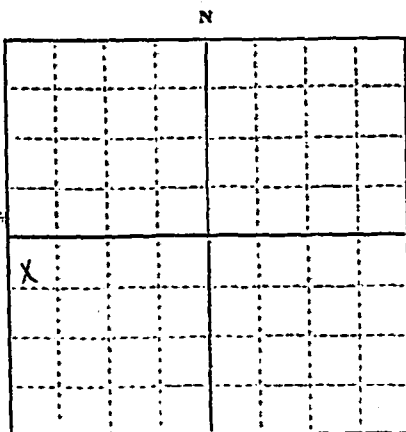
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Owner Andy Johnson Address Reserve, MontDriller Western Drilling Co Address Mad Lake, MontDate of Notice of Appropriation of Groundwater 12-1-62Date well started 12-17-62 Date Completed 12-18-62Type 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)
8"	4" steel 9 lb per ft	0	43'	fine grit	38'	42'

NW 1/4 Sec. 2 T. 33 R. 54  
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 7 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 25 feet at 6 gal. per minute.

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

How Tested gump Length of Test 3 hoursRemarks: (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) 8" hole wasdrilled, casing was cemented and fine  
gravel was poured around casing  
above perforations, remainder filled  
with dirtDriller's License Number 106Driller's Signature Lloyd H. Carlson

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.

3541



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

MONTANA WATER RESOURCES BOARD  
**RECEIVED**T 33 R 54E 13

DUPLICATE

County Sheridan

AUG 4 1971

LOG

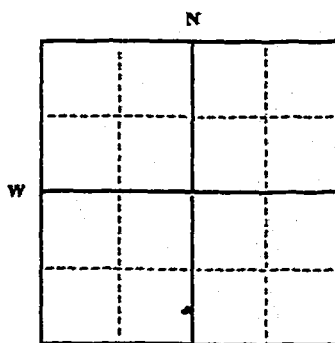
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground about 2900  
(Elev. above sea level 2900 ft.)**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Doc. No. 353207  
Filed for record  
this 20 day of November  
A. D. 19 69 at 11:30  
o'clock A M.Owner Howard TeFre Address ReserveDriller Dan and Esten Address AntelopeDate of Notice of appropriation of groundwater 6-25-64Date well started JUNE 20-64 Date completed JUNE 25-64Type 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)
4 in	11 lbs.	5 ft. 11 in.	30 ft. 11 in.			
		30 ft. 11 in.	30 ft. 11 in.			
		30 ft. 11 in.	30 ft. 11 in.			

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 water testLength of Test 2 days

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

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

(Continue on reverse side)

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

3-0 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.

71064  
Driller's License NumberDan and Esten  
Driller's Signature.

48820

578

353217

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 20 day of  
November A. D. 1969  
at 11:30 o'clock A. M.

L. N. Mubien  
County Recorder  
Myrtle Koller  
Deputy

18

T. 33 R. 54

County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1960

WATER WELL LOG

STATE ENGINEER

N


0

Owner Kante Kampen Address Reserve, Montana

Driller Osmund Estensen Address Antelope, Montana

Date Started July 15th, 1959 Date Completed July 18, 1959

Location: Sec. 18 T. 33 R. 54 1/4 sec. Se 1/4 of SW 1/4

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

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

Casing: 0 ft. to 82 ft. Type Steel Size 4 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: \_\_\_\_\_

Static Water level, for non-flowing well: 35 feet to the standing water feet.

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

Pumping water level 50 feet at 5 gal. per min.

How tested: Test bucket and pump.

Length of test 8 hours.

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

This well was bored and cased with steel casing without any packers or cementing being done and performs very well and the past two years has supplied water for 80 head of livestock.

(over)



## Log of Well

[illegible]

GW 2

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

DUPLICATE

T. 33<sup>N</sup> R. 54County SheridanSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

MAR 22 1962

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Pat McL Co. Address Reynoldswood, MontDriller Osmond Estenson Address Antelope, Mont

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started July 5, '62 Date Completed Aug. 17, '62Type 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)
4 in	1 1/2 lbs.	71	Blue Clay	None		
		6	Coal			
		23	Sandy Clay			
		6	Coal			
		85	Blue Clay			
		191 ft.				

Static Water Level for non-flowing Well Forty feet.

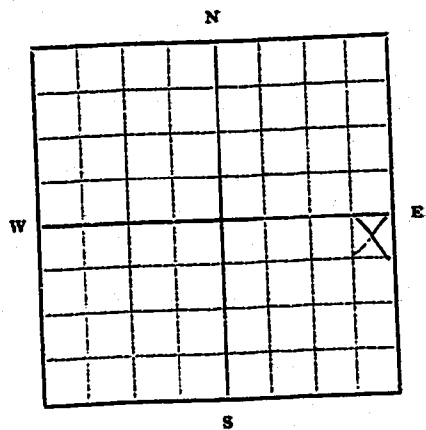
Shut-in Pressure for Flowing Well \_\_\_\_\_

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

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

How Tested Motor Pump Length of Test 3 days

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) \_\_\_\_\_

NE 1/4 Sec. 18 T. 33 R. 54  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

191 ft.

Show exact depth of bottom.

No. 64  
Driller's License NumberOsmond Estenson  
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.

4001

THE STATE OF MONTANA, for and to the use of the State of Montana, do hereby certify that the following is a true and correct copy of the original as the same appears on the records of the State of Montana.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of the State of Montana at the City of Helena, this 19th day of March, 1963.

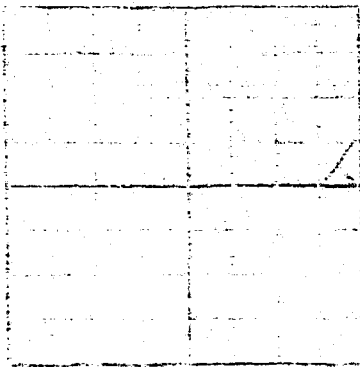
GOVERNOR

DEPUTY GOVERNOR

CLERK OF THE SUPREME COURT

Notary Public in and for the State of Montana

My commission expires on the 19th day of March, 1963.



Notary Public in and for the State of Montana

My commission expires on the 19th day of March, 1963.

Notary Public in and for the State of Montana

My commission expires on the 19th day of March, 1963.

Notary Public in and for the State of Montana

My commission expires on the 19th day of March, 1963.

Notary Public in and for the State of Montana

My commission expires on the 19th day of March, 1963.

331998

file # 143

STATE OF MONTANA, ss.

County of Sheridan.

Filed this 19th day of

March

A. D. 1963

at 12:05 o'clock P. M.

L. A. Nelson  
County Recorder

Deputy

T 33 R 54

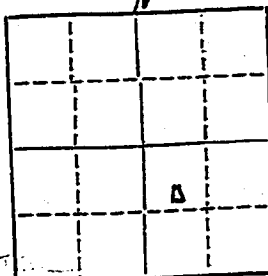
County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

19  
RECEIVED  
JAN 2 1947

WATER WELL LOG

STATE ENGINEER



Owner Kent Lampen Address Reserve, Montana  
Driller Johnson & Stubbins Address Medicine Lake, Mont.  
Date Started September 5, 1947 Date Completed Sept. 6, 1947  
Location: Sec. 19 T. 33 R. 54  $\frac{1}{4}$  sec. NW 1/4 of the Sec 1/4

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

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

Casing: 0 ft. to 120 ft. Type Steel Size 4 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 \_\_\_\_\_

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

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

Pumping water level: 50 feet at 4 1/2 gal. per min.

How tested: Drillers test bucket and later a deep well pump.

Length of test 15 hours.

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

This well was drilled and cased with 4 inch casing and gravel was then packed around casing as far down as it would go. there was no other shut off or cementing used. This well has an abundance of water but has to be run through an iron filter to remove excess iron content. This water was tested for hardness and found to be 11 grains hard.

(over)

### Log of Well

[illegible]

T. 33 R. 54

County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

RECEIVED  
JAN 2 1926

STATE ENGINEER


Owner Kaute Kampen Address Reserve, Montana

Driller Evenson and Melden Address Medicine Lake, Mont

Date Started June 1st, 1925 Date Completed June 25, 1925

Location: Sec. 19 T. 33 R. 54  $\frac{1}{4}$  sec. NW 1/4 of SE 1/4

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

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

Casing: 0 ft. to 67 ft. Type Steel Size 4 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: \_\_\_\_\_

Static Water level, for non-flowing well: \_\_\_\_\_ 40 feet.

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

Pumping water level \_\_\_\_\_ 50 feet at \_\_\_\_\_ 4 1/2 gal. per min.

How tested: Drillers test bucket and equipment

Length of test 3 hours.

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

This well was completed with no packing or cementing used.

(over)

### Log of Well

[illegible]

GW 2

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

DUPLICATE

T 33 R 54

County SHERIDANSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JUL 31 1962Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

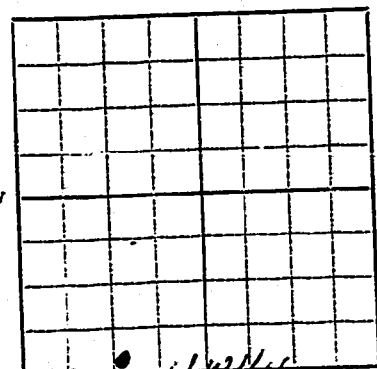
Owner KNUTE KAMPEN Address RESERVE, MONT.Driller OSMOND ESTERSON Address ANTELOPE, MONT.

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started June 10<sup>th</sup> 1962 Date Completed June 12<sup>th</sup> 1962Type of well DRILLED Equipment Used CABLE TOOL  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 inch	11 lbs	40 ft clay	20 ft sand	no perforations		

Static Water Level for non-flowing Well THIRTY feet.Shut-in Pressure for Flowing Well ✓Pumping Water Level THIRTY feet at 5 gal. 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) ✓

8 N 1/4 of Section 21  
1/4 Sec. 21 T. 33 R. 54  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 64Driller's Signature Osmond Esteron

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.

2955-



331302 # 116

STATE OF MONTANA,  
County of Sheridan.

Filed this 29 day of

December A. D. 1962

at 1:30 o'clock P. M.

*Ad. Kowak*  
County Recorder

Deputy

Notarized is authorized to collect  
the fee to ensure the collection of the  
poll tax.

NOTARIAL PUBLIC  
SHERIDAN COUNTY, MONTANA  
My Comm. Expires 12/31/63

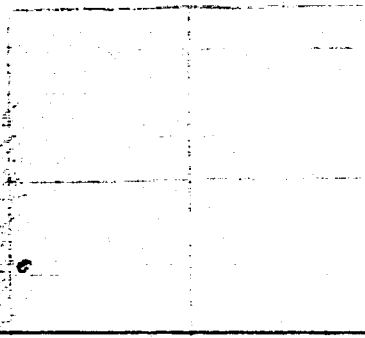
THOMAS E. ELLIOTT, Sheriff  
SHERIDAN COUNTY, MONTANA

Notarized is authorized to collect  
the fee to ensure the collection of the  
poll tax.

Notarized is authorized to collect  
the fee to ensure the collection of the  
poll tax.

Notarized is authorized to collect  
the fee to ensure the collection of the  
poll tax.

Notarized is authorized to collect  
the fee to ensure the collection of the  
poll tax.



GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39318

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

MONTANA WATER RESOURCES BOARD  
**RECEIVED**T. 33 R. 54 S. 13  
County, Sheridan

DUPLICATE

AUG 4 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

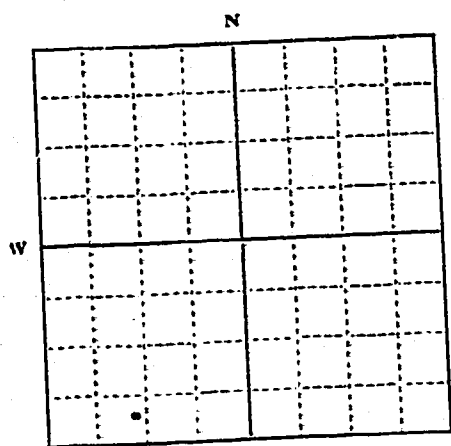
(Elev. above sea level 2000)**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Doc. No. 353206Filed for record  
this 20 day of November  
A. D. 19 69, at 11:30  
o'clock A. M.Owner Harold Telfer Address Reserve Mt.Driller Armand Estenson Address Antelope Mt.Date of Notice of Appropriation of Groundwater 5-24-68Date well started May 22 Date Completed May 24, 1968Type of well Drilled Equipment Used Cable Tool  
(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)
4 in. Lbs	11 lbs	9 ft. clay				
		30 ft. sandy clay				
		39 ft.				
				none		

W 1/2 S 1/4 Sec. 13 T 33 R 54  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

39 ft

Static Water Level for non-flowing Well 24 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 20 feet at 5 gal. per minute.

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

How Tested water pump Length of Test Three days

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 No. 64Driller's Signature Armand Estenson

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.

48812

353266 #578

October 1969  
Nov 1969  
Dec 1969

STATE OF MONTANA,

County of Sheridan

Filed this 20 day of Nov. A.D. 1969

at 11:30 o'clock A.M.

L. D. Niles

County Recorder

Myrtle Walker

Deputy

GW 2

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

MONTANA WATER RESOURCES BOARD

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

RECEIVED

T 33 N R 54 E

County Sheridan

DUPLICATE

AUG 4 1971

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

about 2000(Elev. above sea level 1781)Doc. No. 353204

Filed for record

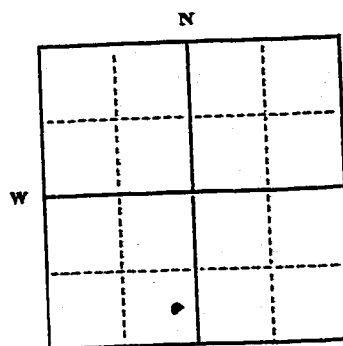
this 20 day of NovemberA. D. 19 69, at 11:30o'clock A M.Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Howard Telfer Address ReserveDriller Osmond E. Tenson Address AntelopeDate of Notice of appropriation of groundwater 6-14-65Date well started Oct 8-64 Date completed June 14-65Type 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)
4 in	11 lbs.	5-12 clay		100 ft		
		23 sand		100 ft		
		6 gravel		100 ft		
		00 sandstone		100 ft		
		5-2 blue clay		100 ft		
		10-0 drift sand		100 ft		
		16 well water sand		100 ft		
		00 ft total depth				

Static Water Level for non-flowing well 14.0 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 14.0 feetat 5 gal. per minute.

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

How Tested maternityLength of Test 7 days

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

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

(Continue on reverse side)

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

3.0 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 71064Driller's Signature Osmond E. Tenson

48817

#575

353204

STATE OF MONTANA,  
County of Sheridan.

Filed this 20 day of

November A.D. 1969

at 11:30 o'clock A.M.

R. N. Nielsen

County Recorder

Myrtle Walker

Deputy

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

MONTANA WATER RESOURCES BOARD

RECEIVED

T 33 R 54

DUPLICATE

County Shannon

LOG

AUG 4 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

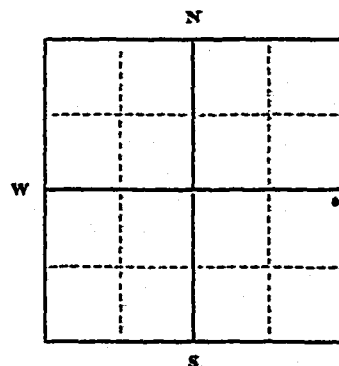
(Elev. above sea level 2000)Doc. No. 353205Filed for record  
this 20 day of NovemberA. D. 19 69, at 11:30o'clock A.M.Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Howard Lyle Address ReserveDriller Osmond Esterson Address AntelopeDate of Notice of appropriation of groundwater 6-68Date well started June 1967 Date completed June 1968Type of well bored 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)
<u>4 in</u>	<u>11 lbs</u>	<u>14 ft clay</u>				
		<u>11 ft gravel</u>				
		<u>85 ft cement</u>				
		<u>18 ft coal</u>				
		<u>38 ft drift</u>				

Static Water Level for non-flowing well 90 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 90 feet  
at 6 gal. per minute.

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

How Tested electric pumpLength of Test 10 days

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) \_\_\_\_\_

N. 1/4 of SE.1/4 Sec. 23 T 33 R 54  
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).

766

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 64Driller's Signature Osmond Esterson

4:818

353215 #576

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 21 day of Nov.  
at 11:30 o'clock A. M. A. D. 1969

L. D. Dulaney  
County Recorder  
Myrtle Hall  
Deputy

## GROUNDWATER INDEX

Page 1 of 1

County SHERIDAN Twp. 33 N Rge. 55 E

[illegible]



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

T. 33 R. 55

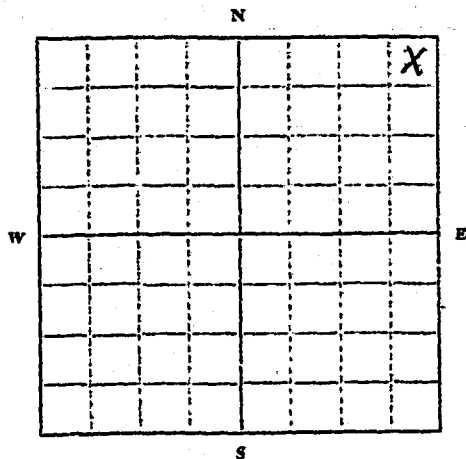
DUPLICATE

County SHERIDAN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights** 15 1964  
(Under Chapter 237, Montana Session Laws, 1961)

1. SIGRID O'BERRY of PLANTWOOD  
(Name of Appropriator) (Address) (Town)  
County of SHERIDAN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 6 T. 33 R. 55

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  
AND STOCK WATER WELL.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been APPROXIMATELY 1920 -  
LAST USED ABOUT 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute) TWO (2) 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 N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PIPE AND SECTION CYLINDER
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APPROXIMATELY 1920
8. The depth of water table 300 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, CASED WITH FOUR INCH STEEL CASING.
10. The estimated amount of groundwater withdrawn each year BEFORE TO 1945, APPROX. 100,000 GAL/YEAR.
11. The log of formations encountered in the drilling of each well if available N/A
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

Date Dec. 2, 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.

32971

334639 #270

STATE OF MONTANA } ss.  
County of Sheridan.

Filed this 19 day of  
Dec. A.D. 1962  
at 2:00 o'clock P.M.

L. D. Nielsen  
County Recorder

City

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

T 33 N R 55 E

DUPLICATE

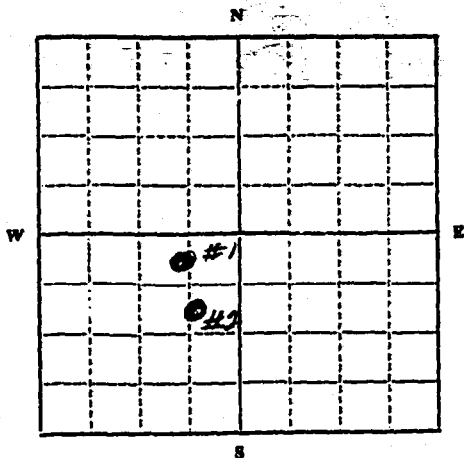
County Shelburne

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 2-1963

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

I, Leonard Lypson, of Levee, Mont  
(Name of Appropriator) (Address) (Town)  
County of Shelburne State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 13, T. 33 R. 55

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

2. The beneficial use on which the claim is based  
#1 household, lawn, garden, livestock  
#2 " " " "
3. Date or approximate date of earliest beneficial use; and how continuous use has been  
#1 in continuous use since 1930  
#2 continuous use since 1940
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
#1 5 gals per minute  
#2 5 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  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
#1 jet pump  
#2 pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
#1 1930  
#2 1940
8. The depth of water table  
#1 8 ft #2 15 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
#1 4 ft depth drilled 4" casing  
#2 drilled 4" casing
10. The estimated amount of groundwater withdrawn each year  
#1 75,000 gals  
#2 25,000 gals
11. The log of formations encountered in the drilling of each well if available  
non 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

Leonard Lypson  
Date June 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 for the Appropriator.

4876

332768 #153

STATE OF MONTANA,  
County of Sheridan.

Filed this 28<sup>th</sup> day of

June A. D. 1963

10:00 o'clock A. M.

L. P. Nielsen  
County Recorder

Deputy

RECEIVED

STATE ENGINEER

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

DUPLICATE

T. 33 N. R. 55 E. 13  
County \_\_\_\_\_STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 15 1964

STATE ENGINEER

1. Anderson Andrew, of \_\_\_\_\_, (Name of Appropriator) \_\_\_\_\_ (Address) \_\_\_\_\_ (Town)  
County of \_\_\_\_\_ State of \_\_\_\_\_

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


pts 11 & 12  
Sec. 5 - Big Horn  
1/4 Sec 3 T. 33 R. 55

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 HOME  
and Garden use.3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 20 years.4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) \_\_\_\_\_5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
\_\_\_\_\_6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
Pressure system7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. \_\_\_\_\_

8. The depth of water table. \_\_\_\_\_

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. 35 ft

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record. \_\_\_\_\_Signature of Owner Andrew AndersonDate Dec 19Three 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.

32966

334629 # 264

STATE OF MONTANA, ss:  
County of Sheridan.

Filed this 19 day of  
December A. D. 1963

at 9:30 o'clock P. M.

L. D. Nielsen  
County Recorder

By Myrtle Walker  
Deputy

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

T 33 R 55

DUPLICATE

County \_\_\_\_\_

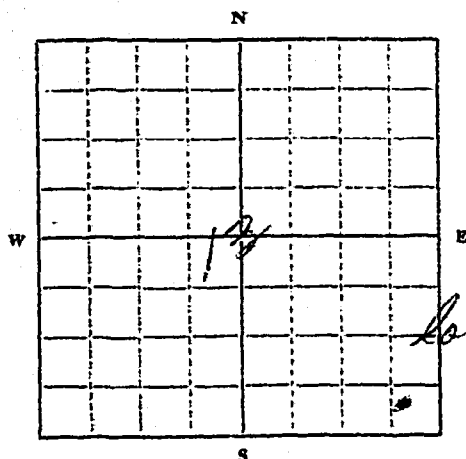
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Allen Edness, of Reserve  
(Name of Appropriator) (Address) (Town)  
County of Sheephead 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 Watering  
stock

3. Date or approximate date of earliest beneficial use and how con-  
tinuous the use has been 1940 - has been  
used pretty much since

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 5 gals.

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Has dug in fall of 1940

8. The depth of water table 110 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 Cable tool, 4 in. casing,  
125 feet deep

10. The estimated amount of groundwater withdrawn each year 120 gals

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 Not applicable

Signature of Owner Allen Edness

Date 12-10-1962

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.

32931

334517 #229

STATE OF MONTANA, } ss.  
County of Sheridan.

Filed this 10 day of

Dec.

A. D. 1963

at 4:00 o'clock P. M.

L. D. Nielsen

County Recorder

E. J. Myrtle Kallm

Deputy



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

T. 33N R. 55E 18

DUPLICATE

County \_\_\_\_\_

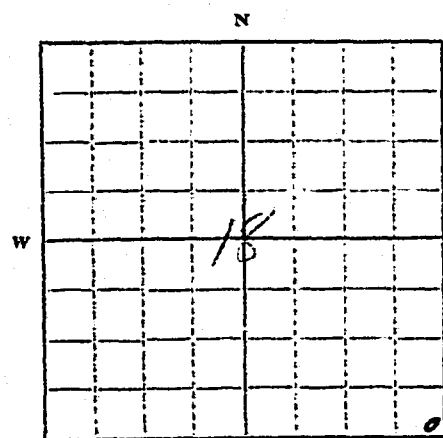
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 17 T. 33 R. 55

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

2. The beneficial use on which the claim is based Watering stock & household for the house
3. Date or approximate date of earliest beneficial use; and how continuous the use has been The original well was dug in 1955 at the house
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Pump about 5 gals.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Just the trees and yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal at pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well at the house was dug in fall of 1955. Also a house in fall of 1955
8. The depth of water table 41 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 They are cable tool wells. Each casing is 4 inch. The wells are about 17 feet deep
10. The estimated amount of groundwater withdrawn each year 15,000 gals.
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 Not available

Signature of Owner Wlyn Eideness

Date \_\_\_\_\_

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

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

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

32932

#230

334518

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 10 day of  
December A. D. 1953

at 4:00 o'clock P. M.

L. D. Dickson  
County Recorder

By Myrtle Waller  
Deputy

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

SE 1/4 -21

T 33 R 55

DUPLICATE

County Sheridan

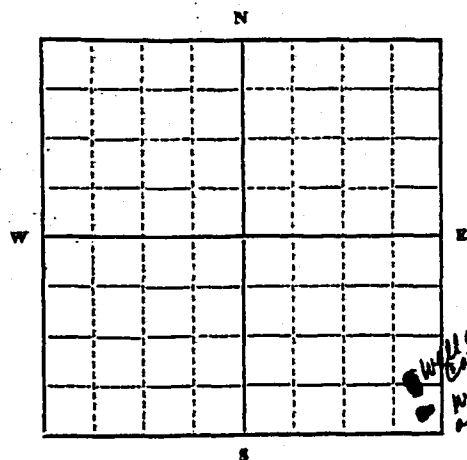
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 15 1964

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



SE 1/4 Sec. 21 T. 33 R. 55

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

2. The beneficial use on which the claim is based water for livestock - irrigation of small tract below wells - gravity -

3. Date or approximate date of earliest beneficial use; and how continuous the use has been used continuously since wells drilled in 1942

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute per well

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 1/2 acre valley land, below pump, owned by Lund Hereford Ranch - garden and alfalfa patch

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started in July of 1942 and completed same month both wells

8. The depth of water table one well, located at house 60 feet deep  
one well, on first bench, above house at cattle shed, 80 feet deep

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater both wells cased with 5" galvanized casing to bottom - as per depth above

10. The estimated amount of groundwater withdrawn each year 100,000 gallons from each well

11. The log of formations encountered in the drilling of each well if available not available - drilled by Omond Estenson, Antelope, Montana

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

Lund Hereford Ranch  
Signature of Owner [Signature] Reserve, Montana  
Date December 20th 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.

32996

334123

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 23 day of  
December A. D. 1903  
at 2:00 o'clock P.M.

L. A. Nielsen  
County Recorder

"Deputy

#297

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

SE 1/4 21 T 41 N 33 R 55

DUPLICATE

County Sheridan

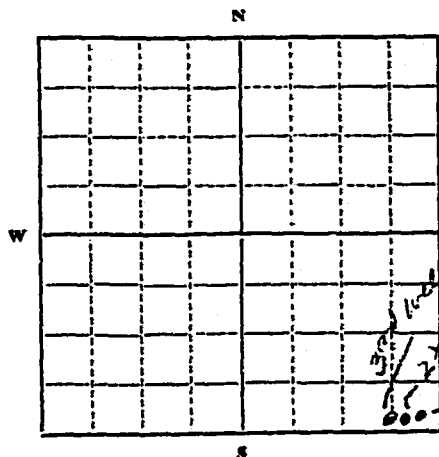
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Lund Harford Ranch, of \_\_\_\_\_, Reserve \_\_\_\_\_ (Town)  
(Name of Appropriator) (Address)  
County of Sheridan State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 21 T 41 N 33 R 55

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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been used continuously since dug - 1 well since 1932 - 1 well since 1936 and 1 well since 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100,000 gallons each well used - 10 gallons per minute - each well
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 very little
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electrically driven pumps located at wells
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1 well started and completed June 1932, 1 well started and completed October 1936, and one well dug and completed September 1946
8. The depth of water table each well 10 to 12 feet deep
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 first wells dug - 4 x 4 feet - 12 feet deep last well dug round - 6 feet in circumference - 12 feet deep
10. The estimated amount of groundwater withdrawn each year 100,000 gallons from each well
11. The log of formations encountered in the drilling of each well if available clay - 8 feet, rocks and gravel 2 to 4 feet
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 all wells dug - at farmstead

Lund Harford Ranch  
Signature of Owner \_\_\_\_\_ Reserve, Montana  
By [Signature] President  
Date December 20th 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.

32997

334722

STATE OF MONTANA,

County of Sheridan.

Filed this 23 day of December A. D. 1913

at 2.00 o'clock P. M.

L. A. Nolen  
County Recorder

Deputy

#296

NOTED  
1913  
DEC 23  
10:00 AM  
RECORDED  
INDEXED  
SHERIDAN COUNTY  
MONTANA

NOTED

1913

DEC 23

10:00 AM

RECORDED

INDEXED

DEC 23

RECEIVED

OCT 1 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		X

Owner Hugo Anderson Address Reserve, Mont.  
Driller Lagerquist Drilling Co. Address Wetzel, Mont.  
Date Started 6/20/58 Date Completed 6/21/58  
Location: Sec. 24 T. 33 N. R. 55 E.  $\frac{1}{4}$  sec. N. 21 1/4 N. E 1/4

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: 74 ft. to \_\_\_\_\_ ft. Type Plk. Stand Size 4"  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 64 to ft. 74 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Perforated with cutting tools 3 rows

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

Shut-in pressure, for flowing well: 5 lb./sq. in. on 6/21/58 (date)

Pumping water level 10 feet at 89 gal. per min.

How tested: Centrifugal pump

Length of test: 1/2 hr.

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

(over)

[illegible]

Depth, feet

From

**To**

### Description of Material Drilled

1-54

Jan'y clay

54, 58

Coal sand & Water

58-70

Randy clay

70-72

David

72-75

Coal & Water



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

T. 33N R. 55E

DUPLICATE

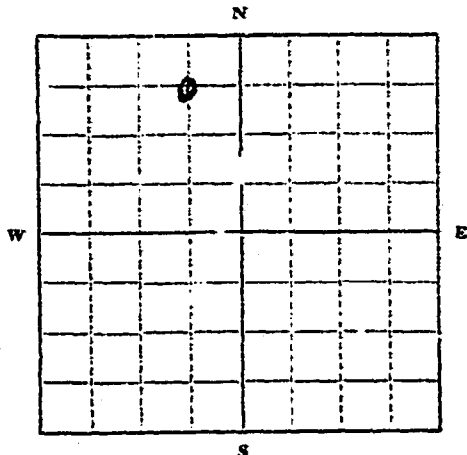
County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE JAN 15 1964  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ally Edmon of Blaine Montana (Town)  
(Name of Appropriator) (Address)  
County of \_\_\_\_\_ State of \_\_\_\_\_  
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.

NE 1/4 Sec. 24 T. 33R 55  
N 1/2 - 1  
N 1/2 - 2

2. The beneficial use on which the claim is based Water for
3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gpm
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 Hand
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1953
8. The depth of water table 100 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Hand
10. The estimated amount of groundwater withdrawn each year 20,000 gals.
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 Ally EdmonDate 12-10-1962

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.

32930

334516 #228

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 10 day of  
Dec A. D. 1963  
at 11:00 o'clock A. M.

L. D. Nilsen  
County Recorder  
By Myrtle Haller  
Deputy

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

DUPLICATE

Lots 7 & 8 Block 8  
Reserve, MontanaSection 24  
T. 33 N. R. 55 E. M.M.County Sheridan

STATE OF MONTANA

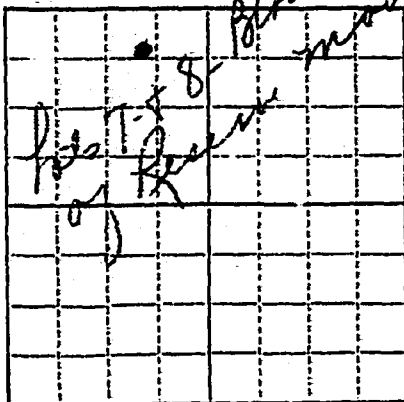
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1966

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. The First National Bank of Reserve, of Reserve, Montana  
(Name of Appropriator) (Address) (Town)  
County of Sheridan State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 7 &amp; 8 Block 8

Section 24 T. 33 R. 55

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 use in business establishment - irrigation of lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute) five 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 lawn only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump - water comes to surface

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1st 1955 1955
8. The depth of water table 77 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 5" casing drilled well - 77 feet
10. The estimated amount of groundwater withdrawn each year 30,000 to 50,000 gallons
11. The log of formations encountered in the drilling of each well if available not available - believe practically same as for log filed for new well - drilled in 1963 on Lots 1 & 2, Block 8, Reserve, Montana (Geo. H. & R. L. Lund)
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This well drilled by Omond Estenson Antelope, Montana

The First National Bank of Reserve

Signature of Owner

By

Date December 20th 1965

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.

32995

#295

County of Sheridan.

23

RENE

*L. A. Nichols*  
County Recorder

Deputy

James H. Hoffmann  
Type 3 4 8 11 100: 0

82 11 22 11 11 11

Exhibit 7

1007

# Education

7:00 PM

THE EIGHTH DAY

SECRET - Not to be released to the public

1150 14 4775 11020