

File No.

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. R.

County

RECEIVED  
DEC 30 1963

# Declaration of Vested Groundwater Rights

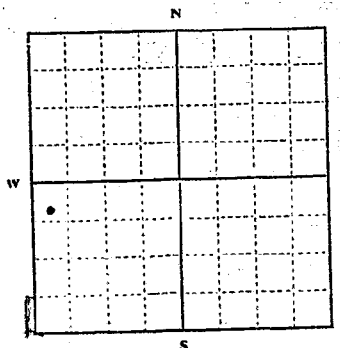
(Under Chapter 237, Montana Session Laws, 1961)

1. Dorothy T. Risa, of \_\_\_\_\_  
(Name of Appropriator)

(Address)

(Town)

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



9. W. 1/4 Sec 20, T. 36, R. 41.

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 Human Consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpm per 100 ft
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 100 ft deep well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 100 ft deep well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1943
8. The depth of water table 20 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 100 ft deep well
10. The estimated amount of groundwater withdrawn each year 219 000 000 gal
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Dorothy T. Risa

Date

Dec. 23, 1963

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

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

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

15467

438601

18116

STATE OF MONTANA,  
County of Valley, } ss.  
Filed for record

DEC 23 1963

10:00  
MARY LOU EIDE Clerk & Recorder  
Valley County  
*Pauline Jackson* Deputy

48278

20490

STATE OF MONTANA }  
County of Valley }  
Filed for Record

MAR 29 1971

4:25 o'clock P.M.  
*Myrtle L. Lusk*  
County Recorder  
By *Myrtle L. Lusk* Deputy

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

T. 36 R. 41

DUPLICATE

County Valley

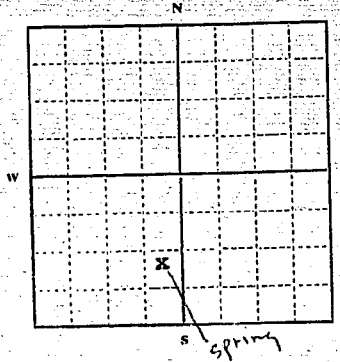
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights** DEC 30 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Oliver B. Larson, of Opheim  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 21 T. 36 R. 41

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

2. The beneficial use on which the claim is based.  
livestock water use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. about 1936 and has been used continuously since.
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.  
no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
spring located NE 1/4 SW 1/4, Sec. 21, T. 36 N, R. 41
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. spring water
8. The depth of water table. spring water
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. spring water
10. The estimated amount of groundwater withdrawn each year. 750,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. no

Signature of Owner

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

438707

18181

SEAL OF MONTANA  
County of Valley

DEC 26 1963

at 3.00 o'clock P.M.  
MARY LOU EIDE Clerk & Recorder  
Valley County

By \_\_\_\_\_ Deputy

IN WITNESS WHEREOF I have hereunto set my hand and the seal of said County at Valley, Montana, this 26th day of December, 1963.

File No.

T. 36 R. 41

DUPLICATE

County **Valley**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

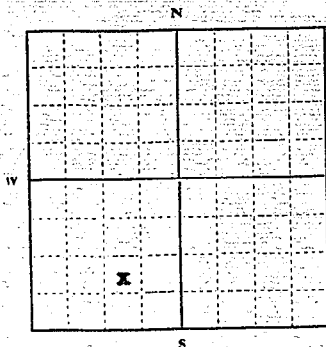
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

JAN 16 1964

STATE ENGINEER

1. **Leo W. Shellerud & Carl Shellerud**, of **Richland**  
(Name of Appropriator) (Address) (Town)  
County of **Valley** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 22 T. 36 R. 41

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 **farm house, water stock, irrigate garden, fill sprayer tanks, fire protection.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1928 intermittently each year as needed.**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **10 gallons per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **none.**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **wind driven pump.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **1928**
8. The depth of water table **30 to 50 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 **tile type curbing**
10. The estimated amount of groundwater withdrawn each year **unable to determine**
11. The log of formations encountered in the drilling of each well if available **none.**
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 **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 to the Appropriator.

36828

438757 18213

STATE OF MONTANA }  
County of Valley }

Filed for record

DEC 27 1963

<sup>1.00</sup>  
MARY LOU LEE Clerk & Recorder  
Valley County

By \_\_\_\_\_ Deputy



File No.

T. 36 N. 41 E.

DUPLICATE

County Valley

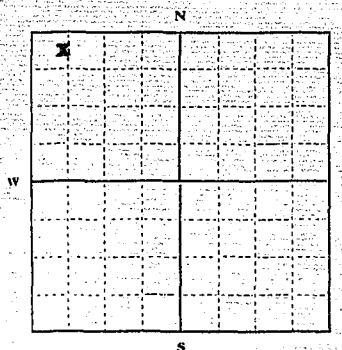
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 23 T. 36 R. 41

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 continuous the use has been 1958 Continuous flowing.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately 2 to 4 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None at present time.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ground dug out to open spring.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1958 Water flows out by natural force from spring.
8. The depth of water table 3 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 By removing top 3 to 4 feet -- water flows from spring.
10. The estimated amount of groundwater withdrawn each year not known.
11. The log of formations encountered in the drilling of each well if available None.
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

*Leo W. Shellerud*  
*Carl Shellerud*

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.

36827

438756

18212

STATE OF MONTANA  
County of Blaine  
District Court

DEC 27 1963

*Has*  
JURY LOU LEE *Y*  
JURY LOU LEE *Y*

By \_\_\_\_\_

GV.

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

File No. ....

T 36 R 41

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

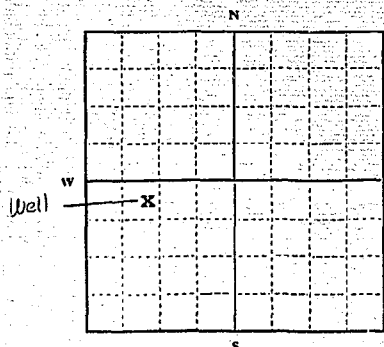
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Gordon R. Larson, of Opheim  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 28 T. 36 R. 41

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

2. The beneficial use on which the claim is based  
livestock water use
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been about 1928 (used continuously  
since)
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  
no
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal electric  
pump jack located at NE 1/4 NW 1/4 SW 1/4 Sec. 28,  
T. 36 N., R. 41 E.M.M., Valley County, Montana
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater commenced and completed construction of well in 1928
8. The depth of water table 33 feet from surface
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 36 feet is depth of well; hand dug type  
well; 4' x 4' size well
10. The estimated amount of groundwater withdrawn each year 1,460,000 gallons per year
11. The log of formations encountered in the drilling of each well if available unknown
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

Signature of Owner Gordon R. Larson

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.

438708

18182

STATE OF MONTANA, } ss.  
County of Valley }  
Filed for Record

DEC 26 1963

By MARY LOUELL Clerk & Recorder  
Valley, County

By \_\_\_\_\_ Deputy

File No. ....

NOV 23 1965

T. 36 N. R. 41 E. S. 27

DUPLICATE

Bliss \_\_\_\_\_ McDermott \_\_\_\_\_  
 Burt \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morlon \_\_\_\_\_  
 Darr \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

County VALLEY

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)

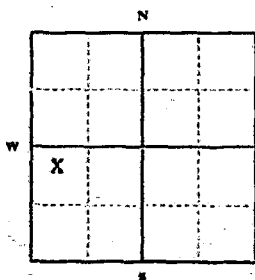
Owner Gordon R. Larson Address OpheimDriller Walter Luse Address Helena

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

Date well started Oct 1 Date completed Oct 26Type of well drilled Equipment used rotary  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Farm well

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

Size of Drilled Hole	Size and Weight of Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8	4 1/2 S&W 7 lb ft					

Static Water Level for non-flowing well 200 feet.

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

Pumping Water Level 220 feet  
at 10 gal. per minute.

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

How Tested BailedLength of Test 2 min

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

NW 1/4 Sec 28 T36 N41

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 44Driller's Signature Walter Luse

39884

19350

STATE OF MONTANA, } ss.  
County of Valley.  
Filed for record

NOV 22 1965

*1:45 o'clock P.M.*  
*Thorp Bonville*  
County Recorder  
By *Sara Cheson* Dep.

19350

T. 36 R. 41County ValleyMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

## WATER WELL LOG


Owner O. E. Beck Address SheltonDriller Walter Guse Address ElksgardDate Started Nov 11 Date Completed Nov 22Location: Sec. 29 T. 36 R. 41  $\frac{1}{4}$  sec.Type of well \_\_\_\_\_ Equipment used \_\_\_\_\_  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐Industrial ☐ Drainage ☐ Other: \_\_\_\_\_

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

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: 53 feet.

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

Pumping water level 60 feet at \_\_\_\_\_ gal. per min. 10How tested: SurfLength of test: 10 min.

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

(over)

### Log of Well

[illegible]

15653



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

DUPLICATE

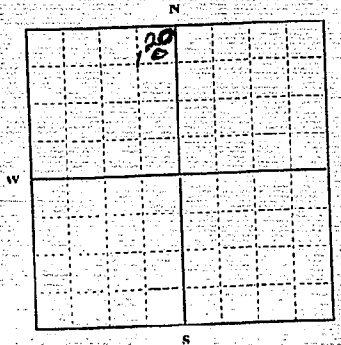
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 36 R. 41  
County Valley  
JAN 16 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 Sec. 29 T. 36 R. 41

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 livestock watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been one well in 1947 the other in 1959, the systems were connected in 1959 and have been in continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electricity  
(a) one well with submersible pump  
(1) one well with piston type pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater one well completed in 1947, the other in 1959
8. The depth of water table 140 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater the wells are 6 in bored wells one 150 ft, the other 145
10. The estimated amount of groundwater withdrawn each year 300,000
11. The log of formations encountered in the drilling of each well if available gravel, clay, and coal in that order in both wells
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner O. A. BeckDate 12-31-63

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

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

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

36965

439125

18539

DEC 31 1963

MARY LOU BIRD (E. I. Recorder)  
Valley, Tenn.

GW

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

File No.

DUPLICATE

T 36

R 41

County

Valley

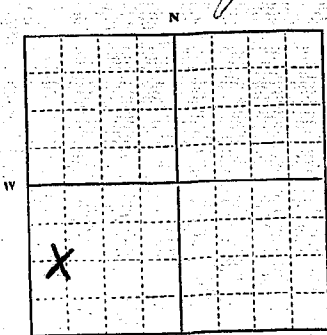
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mrs. Wetcha Hanson, of Ophir  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W 1/4 Sec. 29 T. 36 R. 41

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

2. The beneficial use on which the claim is based house - farm livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 used 13 yrs  
water use now
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 13 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electricity pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 60'
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 4" casing, 60' deep, 1 1/4" pipe
10. The estimated amount of groundwater withdrawn each year 500,000 gals
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

Mrs. Wetcha Hanson

Date

Dec 31 '63

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

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

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

36988

439149

18562

STATE OF NEW YORK  
County of Yates  
Sherriff's Office

DEC 31 1963

5:20 P

MARY LOU [illegible] Recorder  
Valley Co. N.Y.

ir

County

**R**

JAN 17 1964

# STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

59

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

2. The beneficial use on which the claim is based livestock, and  
also for domestic use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 well dug in 1915;  
3 springs developed in the 1920's  
continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) well, 500 gal. per hr.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well; pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... well, 1915; springs in the 1920's.
8. The depth of water table..... 6 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. well: 20 ft. deep; size 2 ft. x 4 ft.; pump.  
springs: 8 ft. deep; 20 ft. x 35 ft.
10. The estimated amount of groundwater withdrawn each year 500 gal. per hour.
11. The log of formations encountered in the drilling of each well if available..... not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Ella H. Blikken

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.

37995

438954

18383

STATE OF MONTANA } ss.  
County of Valley. }

Filed for record

DEC 30 1963

at 3:30 o'clock P. M.

MARY LOU EIDE Clerk & Recorder  
By Valley County

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

T. 36 N. R. 41 E.

DUPLICATE

County Valley

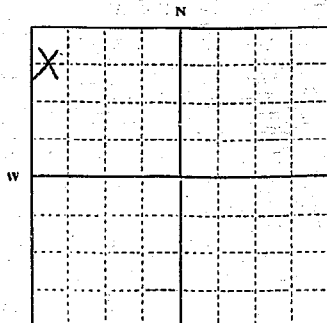
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leroy Joseph & John Harold Olson, of Ophir  
(Name of Appropriator) (Address) (Town)  
County of Valley State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N<sup>2</sup>W Sec. 31 T. 36 R. 41

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

2. The beneficial use on which the claim is based stock WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2901 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 well LOCATED NEAR BLDGS

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941
8. The depth of water table 35 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 WOODEN CURBED WELL 20 FT DEEP
10. The estimated amount of groundwater withdrawn each year 100,000
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 N/A

Signature of Owner

Leroy Joseph & John Harold Olson  
by Leroy Harold Olson

Date 31 Dec 63

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

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

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

87145

439329

18725

STATE OF MONTANA  
County of Valley  
Filed for record

DEC 31 1963

*415* *P.*  
MARY LOU EIDE Clerk & Recorder  
Valley Court

By \_\_\_\_\_ Deputy



G.

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

File No.

T

36 N 41 E

DUPLICATE

County

Valley

STATE OF MONTANA

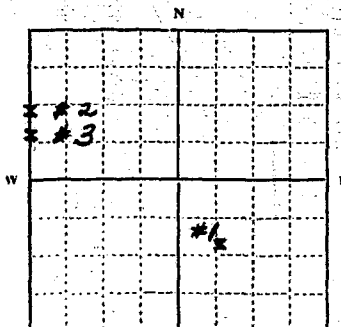
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERR  
JAN 17 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ella H. Blukken, of Ophain (Address) Valley (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



#2 SW NW

#1 NW 1/4 SE

Sec. 32 T36 N41

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

2. The beneficial use on which the claim is based livestock,  
domestic, spraying, water for garden and shelter-  
belt, #3 livestock #2

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been drilled 1946, 1936, 1943.

Continuous.

4. The amount of groundwater claimed in miner's inches or gallons  
per minute 600 gal. per hr., 300 gal. per hr.,  
and 600 gal. per hr.

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

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal withdrawal by pumps;  
#1 pump 600 gal. per hour; #3 300 gal. per hour;  
and 600 gal. per hr.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater #1 1946, 1936, 1943.

8. The depth of water table 25 ft., 15 ft., 20 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 well 145 ft. deep  
#2 well 120 ft.  
#3 well 160 ft.

10. The estimated amount of groundwater withdrawn each year 600 gal. per hr., 300 gal. per hr., 600 gal.

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

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

Signature of Owner Ella H. BlukkenDate 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.

37993

438952

18381

STATE OF KENTUCKY  
County of Valley

DEC 30 1963

3:30 P.  
MARY LOU EIDE Clerk & Recorder  
Valley County

G

File No.

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 36 R. 41

County Valley

R

JAN 16 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Leo W. Shellerud & Carl Shellerud**, of **Richland** (Town)  
(Name of Appropriator) (Address)  
County of **Valley** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:


NE 1/4 Sec. 33 T. 36 R. 41

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 **farm home, water stock, irrigate garden, fill sprayer tanks, fire protection.**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **between 1925 and 1938**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **7 gallons per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **None**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **No. 1 is an electric jet type pump. No. 2 is wind driven.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **not known.**

8. The depth of water table **40 to 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 **not known.**

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

11. The log of formations encountered in the drilling of each well if available **not known**

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 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.

36829

438758

18214

STATE OF MONTANA  
County of Valley

Wit: for record

DEC 27 1961

<sup>100</sup>  
MARY LOUISE Clerk & Recorder  
Valley County

By \_\_\_\_\_

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

DUPLICATE

T. \_\_\_\_\_

County \_\_\_\_\_

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OTTE O. DATH, of OTTE O. DATH (Address) OTTE O. DATH (Town)  
 County of VALLEY State of MONTANA  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N	
Lot 21 Block 14	
IN Twp. 15 N. R. 4 E.	
Op. 4 S. 14 N. Montana	
E	

1/4 Sec. 36 41 T. \_\_\_\_\_ R. \_\_\_\_\_

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

2. The beneficial use on which the claim is based HOME USE  
AND WATER FOR TRUCKS

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ABT 1947  
CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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  
1/4 AC. 15 N. 4 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2" ELECTRIC PUMP WITH 10' TUBES  
7' DEEP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ABT 1947

8. The depth of water table 100' to 125'

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" 10' 4" ELECTRIC PUMP  
10' DEEP

10. The estimated amount of groundwater withdrawn each year 1,225 GALLONS

11. The log of formations encountered in the drilling of each well if available 1. SAND 266'

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 15 N. 4 E. 1/4

Signature of Owner OTTE O. DATHDate 1-15-62

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.

37003

439165

18578

RECEIVED  
FEDERAL BUREAU OF INVESTIGATION  
WASHINGTON, D. C.

DEC 8 1963

3:00 P  
MARY LOUISE CLARK Recorder  
Valley County

## GROUNDWATER INDEX

Page / of /

County Valley

Twp. 36 71

Rge. 42E

[illegible]

STATE WATER CONSERVATION BOARD

File no. \_\_\_\_\_

MAY 4 1966

T 36 R 42

DUPLICATE

Bliss \_\_\_\_\_ McDonald \_\_\_\_\_ County Valley  
 Eutaw \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyle \_\_\_\_\_ Morton \_\_\_\_\_  
 Darlington \_\_\_\_\_  
 Dickert \_\_\_\_\_

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0 15 brown clay  
 15 25 black shale  
 25 46 brown shale  
 46 59 grey black shale and sand  
 59 87 green shale  
 87 109 grey sandstone water

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Anthony Pahan Address Glentana, Montana  
 Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water \_\_\_\_\_

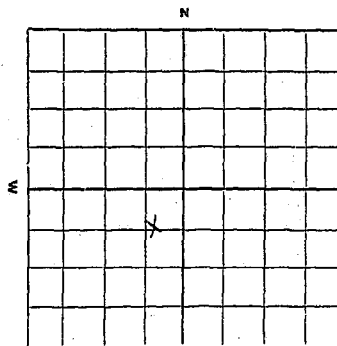
Date well started April 5, 1966 Date Completed April 8, 1966

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8	6 19#	0	106	none		



NE 5 1/4 Sec 4 T. 36 R. 42  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

109 feet  
 Show exact depth of bottom.

Static Water Level for non-flowing well  
73 feet.

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

Pumping Water Level 80 feet

at 30 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) \_\_\_\_\_

15  
 Driller's License Number

Driller's Signature

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

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

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



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STATE OF MONTANA, ss.  
 County of Valley.  
 Filed for record

MAY 3 1966

at 10:45 o'clock A.M.  
 Mary Lou Linder  
 County Recorder  
 Marilyn Hertz Deputy

Went to Milling Co  
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Went to Milling Co  
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one hour  
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File No. 2102

Duplicate  
QUADRUPPLICATE

STATE WATER CONSERVATION BOARD

MAY 27 1966

T. 36 R. 42 S. 9

News, Malta

Billing McDermott County valley  
City Malta State of Montana  
County valley ADMINISTRATOR OF GROUNDWATER CODE  
City Malta OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Raymond Fehan Address Malta, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of ground water

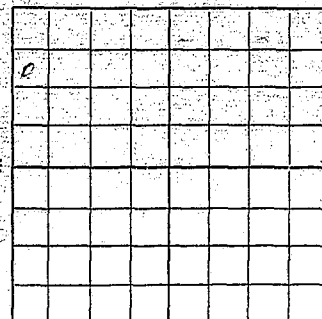
Date well started April 8, 1966 Date Completed April 11, 1966

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)
8	6 19 #	0	145	none		



NNW 1/4 Sec 9 T36 R42  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

143 feet

Show exact depth of bottom.

Static Water Level for non-flowing well 110 feet.

Shut-in Pressure for Flowing Well 128

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

Discharge in gal. per min. of flowing well

How Tested bailer  
one hour

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)

15

Driller's License Number

Driller's Signature

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

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

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

41096

M 19524

STATE OF MONTANA, } ss.  
County of Valley,  
Filed for record

MAY 26 1966

at 11:30 o'clock A. M.

*Mary Lou Galt*  
County Recorder

*Winifred M. Galt* Deputy

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GW 3

File No. ....

DUPLICATE

T. 36 <sup>N</sup> R. 42 <sup>E</sup>

County Valley. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1968

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1960

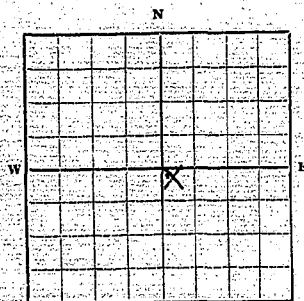
Owner Raymond Pehan Address Glentana, Montana.

Contractor (if any) Ludvig Honrud Jr.

Address of Contractor Opheim, Montana.

Date Started June 25, 1960 Date Completed June 30, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water level about 5 ft. under ground. Drained to stock tank with about 200 ft. of 4 inch perforated orangeburg pipe.



NW 1/4 SE Sec. 8 T. 36 R. 42

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use. About 7 gal. per min. Fills a 300 gal. stock tank in one hour. Continuous flow.

Signature of Owner.

*Raymond Pehan*  
Date 1-30-1962

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 School of Mines and Quadruplicate for the Appropriator.

12719

438506

18056

STATE OF MONTANA } ss.  
County of Valley,

Filed for record

DEC 19 1963

at 11:00 o'clock A. M.

*Mary Ann Eide*  
County Recorder

*Pauline Jacobson* Deputy

File No.

T

County

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

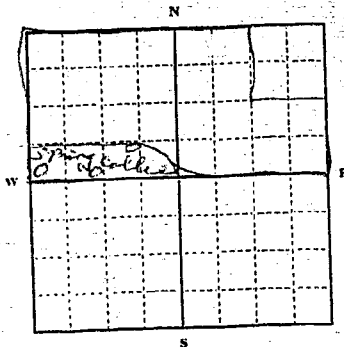
JAN 17 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Raymond A. Hiltner, of 17th Regs East Helena  
(Name of Appropriator) (Address) (Town)  
County of Lewis & Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 36 R 42  
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 2 yrs.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
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 none
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater none
8. The depth of water table unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater unknown
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available unknown
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 unknown

Signature of Owner

Date

Raymond A. Hiltner  
Dec 27, 1963

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

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

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

37903

438858

18290

STATE OF MONTANA,  
County of Valley  
Filed for record.

DEC 30 1963

1:00 P.M.  
MARY LOU EIDE Clerk & Recorder  
By Valley County

GW3

File No. ....

T. 36 R. 42 E. 2. 4. ....

DUPLICATE

County. valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 25, 1960.

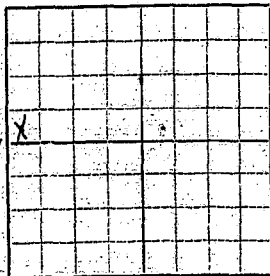
Owner Lawrence J. Hiltner Address Glentana, Montana

Contractor (if any) Ludvig Honrud Jr.

Address of Contractor Opheim, Montana.

Date Started Aug. 14, 1960 Date Completed Aug. 16, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water level about 6 feet under ground. Drained to stock tank with about 60 feet of 4 inch prefferated pipe, and about 100 feet of 4 inch pipe to stock tank.



SW 1/4 NW Sec. 16 T. 36 R. 42

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

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

spring developed, all year flow.

Signature of Owner Lawrence J. Hiltner

Date 2-25-1960

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 School of Mines and Quadruplicate for the Appropriator.

10582



GW:

File No. ....

T. 36 R. 42 E.M.M.

DUPLICATE

County valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 25, 1960.

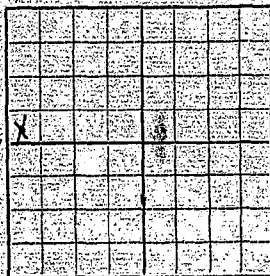
Owner Lawrence J. Hiltner Address Glentana, Montana

Contractor (if any) Ludvig Honrud Jr.

Address of Contractor Opheim, Montana.

Date Started Aug. 14, 1960 Date Completed Aug. 16, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water level about 6 feet under ground. Drained to stock tank with about 60 feet of 4 inch preforated pipe, and about 100 feet of 4 inch pipe to stock tank.



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.

SW 1/4 NW Sec. 16 T36 R42

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

spring developed, all year flow.

Signature of Owner

*Lawrence J. Hiltner*

Date 2-25-1960

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 School of Mines and Quadruplicate for the Appropriator.

10582

438361

18005

STATE OF MONTANA, } ss.  
County of Valley. }  
Filed for record

DEC 16 1963

at 11:45 o'clock A.M.  
Mary Ann Eide  
County Recorder  
Pauline Jackson (Deputy)

File No. ....

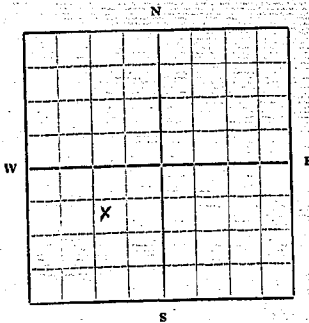
DUPLICATE

T. 36 N. R. 42 E. S. 17  
County ValleySTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LeRoy AND Eugene Stein, of Box 35 Glentana  
 (Name of Appropriator) (Address) (Town)  
 County of Valley State of Montana  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



ME. 544 Sec. 17 T. 36 R. 42

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, stock, and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 1953  
has been in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal deep well jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 4, 1953 and finished October 8, 1953
8. The depth of water table 22 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 4 inch casing - 57 feet deep
10. The estimated amount of groundwater withdrawn each year 195,000 gallons
11. The log of formations encountered in the drilling of each well if available unavailable
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 LeRoy SteinDate March 13, 1962

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

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

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

1720

427554

17290

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

MAR 13 1962

at 10:30 o'clock A.M.

Mary Lee Cook  
County Recorder

By Paula Jackson Deputy

File No. ....

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

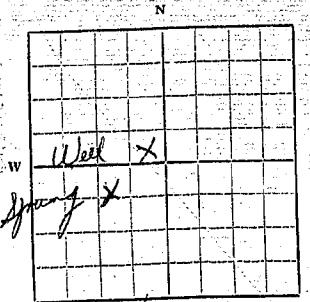
T. 36 R. 42 S. 21  
County Valley

RECEIVED  
DEC 19 1963

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

STATE ENGINEER

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



Spring NESW

SE 1/4 NW Sec 21 T. 36 R. 42

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  
Well - Stockwater, household & garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
Well - Approx 1918
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
Well - 7 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  
Well - Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Approx 1918
8. The depth of water table  
Well - 55'
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  
Well - 125' deep 4" steel casing
10. The estimated amount of groundwater withdrawn each year  
Well - 547,500
11. The log of formations encountered in the drilling of each well if available  
Well - Sand, coal, 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.

The spring is a natural flowing but has been undeveloped

Signature of Owner

Mary Hiltner  
Date 12-16-63

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

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

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

10583

438362

18006

STATE OF MONTANA, } ss.  
County of Valley,  
Filed for record

DEC 16 1963

at 1:40 o'clock P. M.  
Mary Lou Eide  
County Recorder  
Pauline Jackson Deputy

T. 36 R. 42

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

7			

Owner Verona & Grace Johnson Address Glentworth

Driller Walter Luce Address Glasgow

Date Started June 27, 1961 Date Completed

Location: Sec. 23 T. 36 R. 42  $\frac{1}{4}$  sec. NW NW

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: ft. to ft. Type Gal Size 4 1/2 I.D.

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 11 ft. from bottom feet at 400 gal per hr gal. per min.

How tested: bailed

Length of test: 2 hrs.

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

(over)

## Log of Well

STATE OF MONTANA }  
County of Valley } ss.  
Filed for record  
JUL 18 1968  
at 2:30 o'clock P. M.  
Mary Lee Bell  
County Recorder  
B. Pauline Paulson, Deputy

16997



File No.....

T 36 R 42

County.....Valley

**DUPLICATE**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

W

NW 1/4 NW Sec 31 T 36 R 42

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

2. The beneficial use on which the claim is based..... Livestock  
and household
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been..... 1915 - intermittently
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.  
Windmill
- Completion of the construction of the well, wells, or other works for with-  
1915
- 40 feet
- Type, size and depth of each well or the general specifications of any other  
dwaterr..... 80 - 100' deep, 6" casing, 1 1/2 inch pipe
- Water withdrawn each year..... 500,000 gallons per year
- In the drilling of each well if available.....
- Other nature as may be useful in carrying out the policy of this act, includ-  
county record.....

Signature of Owner \_\_\_\_\_

Date.....December 12, 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.

Please answer all questions. If not applicable, so state, and sign.

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.

438380

18020

RECEIVED  
COUNTY OF MICHIGAN  
CLERK OF COURT

DEC 16 1963

3:30 P.  
Mary Lou Eide  
Pauline Jackson

GW

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

File No.

T.

County

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

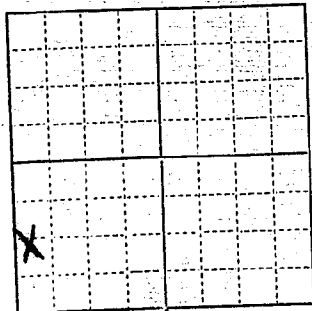
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. School Dist #9 of Box 417 Ophelia  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Montana  
1/4 Sec 24 T. 36 R. 42  
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  
Private Jan 1962 - Public School
3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been 1926
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) Public School need
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  
Need for irrigation of  
grounds
6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal Pumped from  
well in School Bldg.  
Well in  
Well

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. 1926

8. The depth of water table. 100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other  
works for the withdrawal of groundwater. 6" - 100 ft

10. The estimated amount of groundwater withdrawn each year

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

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. Unknown

Signature of Owner

James M. Koon, Sup.  
Date Dec 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.

38071

439032

18459

STATE OF MONTANA } 30  
County of Valley  
Filed for record

DEC 30 1963

in 425 of R

MARY LOU BEE Clerk & Recorder  
by Valley County

File No. ....

T. 36 N. R. 42 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910

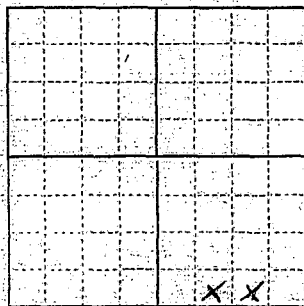
Owner A. H. Stolen Address Glentana, Montana

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes" Include depth to water when applicable. 2 springs, both natural flow since 1910



S  $\frac{1}{2}$  1/4 E Sec 31 T36 R42

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 5,000 gallons per day, sufficient to water 150 head of cattle each day.

Signature of Owner. A H Stolen

Date December 12, 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.

10595

438379

18019

UNITED STATES  
DEPARTMENT OF STATE

Washington, D.C.

DEC 16 1963

3:30  
Mary Lou Cook  
Pauline Jackson

GV.

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. ....

T. 36 N. R. 42

DUPLICATE

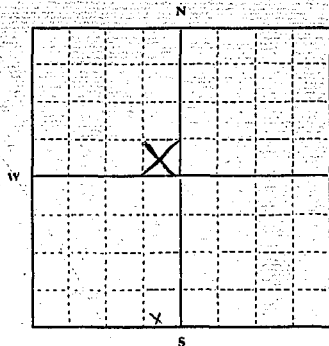
County.....Valley.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963

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

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



SE 1/4 NW Sec. 32 T. 36. R. 42.

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

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. 1915 - continuous

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

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

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. 1915

8. The depth of water table. 40  
22 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. 80 feet deep, 6" casing, 1 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year. 750,000 gallons per 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. A. H. Stolen

Date. December 12, 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.

11697

438381

18021

EAST OF MONTANA }  
County of Valley }

Filed for record

DEC 16 1963

3:30

John P. M.

Mary Lou Eide

Caroline Jackson



# GROUNDWATER INDEX

Page 1 of 1

County Valley

Twp. 35 N

Rge. 35E

[illegible]

File No. ....

T. 35 N. R. 35 E.

TRIPLICATE

County. VALLEY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

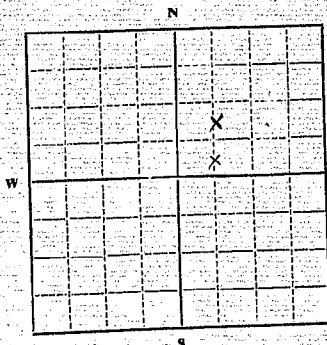
**Declaration of Vested Groundwater Rights** MAR 8 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Maurice M. and Hattie J. Arnold** of **Hinsdale, Montana**  
(Name of Appropriator) (Address) (Town)

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
**Well No. 1 - 1936**  
**Well No. 2 - 1954**

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
**Well No. 1 - Approximately 200 gallons**  
**Well No. 2 - Approximately 200 gallons**

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 on both wells**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
**Well No. 1 - 1936**  
**Well No. 2 - 1954**

8. The depth of water table.....  
**Well No. 1 - 12 foot** **Well No. 2 - 12 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.....  
**Well No. 1 - 16'**  
**Well No. 2 - 16'**

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

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

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.....

*Maurice M. Arnold*  
Signature of Owner *Hattie J. Arnold*

Date. **January 10, 1963**

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

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

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

3838

439027

17638

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

FEB 14 1963

at 2:00 o'clock P. M.  
Mary Jane Rids  
County Recorder  
By Pauline J. J. Deputy

GW 2

MONTANA WATER RESOURCES PC. Approved Stock Form--State Publishing Co., Helena, Montana--42329

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

RECEIVED

S 25 T 35 R 35

DUPLICATE

SEP 25 1967

County Valley

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2950)

0-40 Blue Clay

40-172 Shale

172-177 Sandstone

177-177 Blue

177-230 Clay Mixture

230-238 Sandstone + water

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

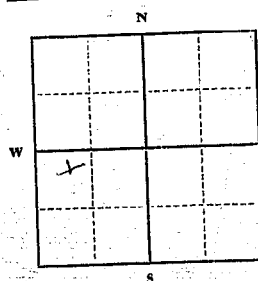
Owner Phillip Grady Address HinsdaleDriller Carl Palmer Address Saco

Date of Notice of appropriation of groundwater: \_\_\_\_\_

Date well started 8/10 Date completed 8/22/67Type 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)
5"	4 1/2" ID 62 LB C125 LB	Top	238			

Static Water Level for non-flowing well 140 feet.

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

Pumping Water Level 120 feetat 12 gal. per minute.

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

How Tested FlowingLength of Test 2 hr

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

1/4 Sec 25 T 35 R 35  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 25Driller's Signature Carl Palmer

42.338