

14 70 18  
NK  
Index  
Recorder  
Compared

STATE OF MONTANA } SS  
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-  
strument was filed in my office on  
this 19<sup>th</sup> day of Aug  
A.D. 1903 and that it was  
recorded on paper of the  
of the State of Montana and  
Clark County, State of Montana.

*John L. Daniels*  
County Recorder  
By *James C. Russell*  
Deputy

\$ 2.00

RECORDED  
INDEXED  
STATE OF MONTANA  
LEWIS & CLARK COUNTY

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

T 10 N R 3W  
County Lewis and Clark

**DUPLICATE**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
hts JAN 6 1964

# STATE ENGINEER

1. THOMAS H. HERRIN, of ROUTE A HELENA  
(Name of Appropriator) (Address) (Town)  
County of LEWIS AND CLARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N

W

E

S

NW  $\frac{1}{4}$  of NW  $\frac{1}{4}$  Section 10

T. 10 Range 35

..... $\frac{1}{4}$ ..... Sec..... T..... R.....

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

- 2 The beneficial use on which the claim is based livestock water  
100 acres of sprinkle irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Developed - 1940  
Developed - 1954 further
4. The amount of groundwater claimed (in miner's inches or gallons per minute) total flow
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 sprinkle and garden, some stock
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring pump and free flow
- Location of the construction of the well, wells, or other works for withdrawal
- Size, size and depth of each well or the general specifications of any other
- withdrawn each year 578,160,000
- the drilling of each well if available
- ture as may be useful in carrying out the policy of this act, including  
ty record Spring raises on ranch and flows into  
on ranch

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

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.

27408

151600

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 31 day of Dec.  
A.D. 1963 at 16 min. past  
12 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana.

*John J. Smith*  
County Recorder  
By *Norma Kelley*  
Deputy

\$2.00

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

T 10 N R 3 W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

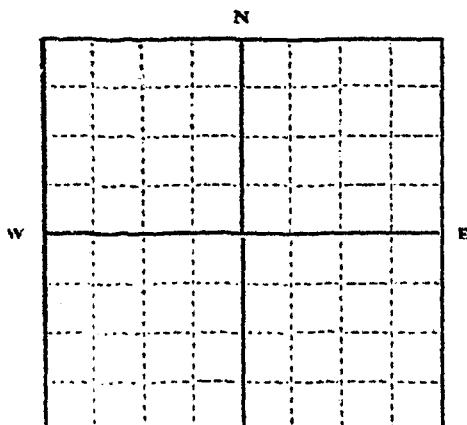
RECEIVED  
JAN 6 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. THOMAS H. HERRIN, of ROUTE A HELENA  
(Name of Appropriator) (Address) (Town)  
County of LEWIS AND CLARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 section 10  
location  
1/4 Sec. T10N R. 3W

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, live-  
stock and 1 acre garden

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been before 1919

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 250 gal

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
1 acre of garden on homestead  
NE 1/4 Section 10, Township 10, Range 3

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal 2 1/2 HP Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Before 1919

8. The depth of water table 8'

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" cement casing - 20' deep  
capacity 7

10. The estimated amount of groundwater withdrawn each year 32,850,000 gals

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

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 was on ranch when purchased and supplies  
2 homes and 500 head of cattle

Signature of Owner

Date Dec 22, 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.

24426

151598

Indexed  
Recorded  
Compared

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-  
strument was filed in my office on  
this 31 day of Dec.  
A.D. 19 63 at 14 min. past  
12 o'clock P. M.

Records of Lewis & Clark  
County, State of Montana.

John J. Smith  
County Recorder  
Norma Kelley  
Deputy

2.00

File No. ....

T. 10 N. R. 3 W.

DUPLICATE

County Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

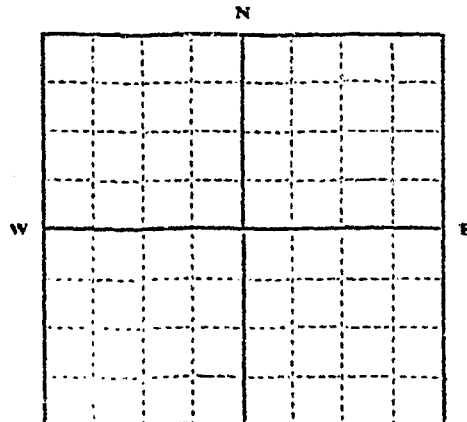
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. THOMAS H. HERRIN, of ROUTE A Helena,  
(Name of Appropriator) (Address) (Town)

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



N 1/4 Section 10  
S 1/4 SE 1/4, and SE 1/4 SW 1/4 Section 3,  
1/4 Sec. T10N R3W.

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 Sub-Irrigated Pasture and Hay Meadow
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since 1865
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 300 Acres of sub-irrigated land
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal nature
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1865
8. The depth of water table 6" - 18"
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 all underground water
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record good sub-irrigated, pastures and hay meadow

Signature of Owner

Date Nov 23, 1963

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

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

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

24435

151597

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 31st day of Dec. A.D. 19 12.

County of Lewis & Clark  
William H. Harnish

County Recorder  
By Norman Kelley  
Deputy

\$2.00

Ins.  
Record  
Comptroller

1

File No.

T 10 N R 3 W

DUPLICATE

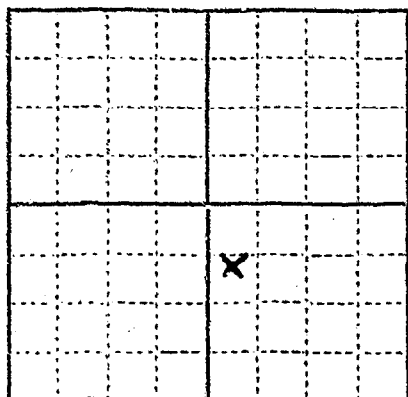
County Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

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

1. THOMAS H. HERRIN, of ROUTE A, HELENA  
(Name of Appropriator) (Address) (Town)  
County of LEWIS AND CLARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 of NW 1/4 of SE 1/4

1/4 Sec. 10, T. 10 N. R. 3 W.

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

2. The beneficial use on which the claim is based irrigated farm lands
3. Date or approximate date of earliest beneficial use; and how continuous the use has been use has been continuous each year since 1935
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75" (miners inches)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 200 acres in Section 10 and 3, Township 10, North, Range 3 West
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Farms Pump 25 H.P. NW 1/4 Sec. 10, Township 10 Range 3 150 yds East of Flowree Lane
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1933
8. The depth of water table 5'
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 dug well to 25' deep and 6 feet square, driven piling casing
10. The estimated amount of groundwater withdrawn each year 120,000,000 gals
11. The log of formations encountered in the drilling of each well if available sand and silt
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 dug by farm labor during drought of 1935.

Signature of Owner

Thomas H. Herrin  
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.

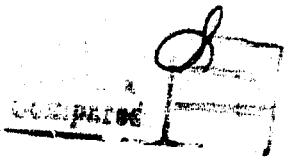
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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.

27429



151601



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 27 day of Dec.  
A.D. 1963 at 12 min. past  
12 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana.

John Daniel  
County Recorder  
Norman Kelley  
Deputy

2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner G. I. Lanning

Address 2505 York Road

Helena, Montana 59601

Date well started Apr. 15, 1963

completed Apr. 17, 1963

For Administrator's Use

File 536535

6-29-73

GW 1 11-45-12

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

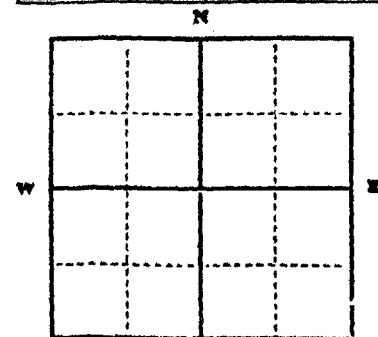
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 In.	17 Lb.	0	33			



SE 1/4 SW 1/4 Sec. 10/15  
T. 10 N. R. 3 E. S. W.

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

Driller's Signature A. Welch

Driller's Address 503 1/2 Mont

LICENSE NO. 100

County Lexie & Clara

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	9	Black Topsoil
9	20	Gravel
20	25	Sand
25	33	Clay
33	35	Water level

35 Ft. Show exact depth of bottom

55634

236538

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

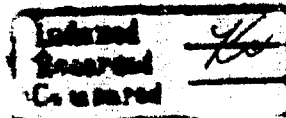
SB

I hereby certify that the within in-  
strument was filed in my office on  
this 29 day of June  
A.D. 1973 at 48 min. past  
11 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

John Kovich  
County Recorder  
Carol Pickens  
Deputy

200



County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

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

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

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

Owner Patrick L. LaSalle

Address 336 York Road

Hekna, Montana

Date well started ..... 8 ..... 69

completed 8-69

Type of well ..... Driven

(Dug, driven, bored or drilled)

Equipment used .... Hand Hammer

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

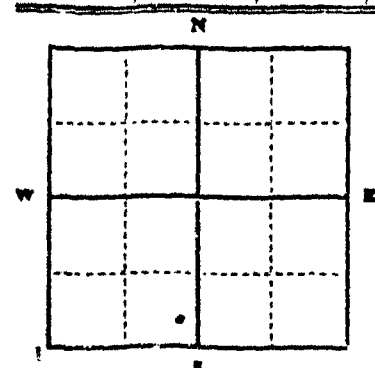
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

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

ESTIMATED ANNUAL WITHDRAWAL ..... 2300 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 3/4"	2 1/2"	0	22	Sand Point	22	26



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

\*Measured from ground level.

Well developed by pumping

for ..... 21 ..... hours.

Power Electric Pump...  $\frac{1}{2}$ ..... HP

Remarks: (Gravel packing, cementing,

packers, type, of shutoff) .....

.....Gravel Lacking.....

SL  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 10

T. 10 (N) R. 3 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 ..... 2386 York Road

.....Belenc, Montana

LICENSE NO

### DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

26 ft Show exact depth of bottom

49,736

222959

Indexed  
Recorded  
Numbered

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-  
strument was filed in my office on  
this 17th day of Jan  
A.D. 19 20 at 20 min. past  
11 o'clock A.M. and record-  
ed on page      of Book       
of Records of Lewis and  
Clark County, State of Montana.

John L. Lomish  
County Recorder  
By George Stafford  
Deputy  
12.20

121-302  
County Lewis & Clark

JAN 17 1977

### DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

ONTARIO DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

# 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 Patrick L. LaSalle

Address 2386 York Road

Helena, Montana

Date well started .....

completed 11-77

Type of well ..... Dug

(Dug, driven, bored or drilled)

Equipment used Shovels and Bucket

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

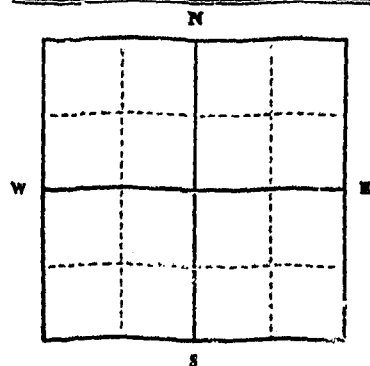
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*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). 35 acres

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 1/2"	7" steel	0	26	2" x 3" holes	8	26



Static water level ..... 6 ..... ft.\*  
Pumping water level ..... 8 ..... ft.\*  
at ..... 700 ..... gallons per minute,  
measured ..... 7 ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by pumping  
for 24 hours.

Power...Electric pump.....7..... HP

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

Lement

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

T.....10.....(N)R.....3.....

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

Driller's Signature

Driller's Address

Unknown

**LICENSE NO.**

Top of Ground (Elev. above sea level)

[illegible]

26 ft Show exact depth of bottom

49,737

222960

INDEXED  
RECORDED  
SERIALIZED



STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } S:

hereby certify that the within in-  
strument was filed in my office on  
this 11th day of Jan  
A.D. 19 72 at 11 min. past  
11 o'clock A.M. and record-  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana.

*John Daniel*  
County Recorder

*Betty Stapp*  
Deputy

2.00

File No. ....

DUPLICATE

T. 10 N. R. 3 W.

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 13 1963

# Notice of Completion of STATE ENGINEER Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner James W. Russell Address Route A. HelenaDriller A. N. Welch Address Helena

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

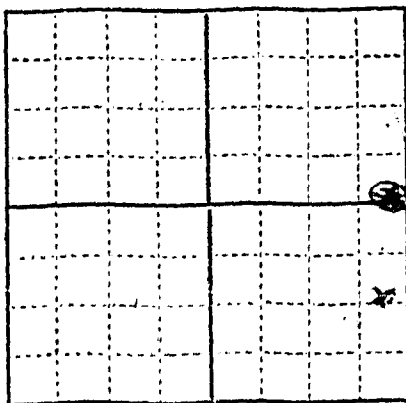
Date well started May 27 Date Completed May 29-63

Type of well Drilled Equipment Used Cable Tool  
(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)
6 7/8	6 7/8 16 lb	0	115	none		



SE 1/4 Sec. 10 T. 10 R. 3  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

T.D.  
Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.Shut-in Pressure for Flowing Well nonePumping Water Level 30 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Barber Length of Test 10 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) no

100  
Driller's License Number

A. N. Welch  
Driller's Signature

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

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

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

5019



145811

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 9th day of July  
A.D. 1963 at 30 min. past  
8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

John L. Lomick

County Recorder

Louise C. Rasmussen

Deputy

2:00

RECORDED  
INDEXED

145811

145811

4/100  
2 1/2  
4/100  
0 1/2

RECEIVED

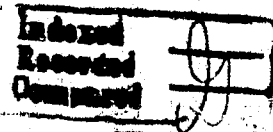
ENGINEER

Billings  
H. L. Lomick  
C. L. Lomick

30

51,394

228527



STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-  
strument was filed in my office on  
this 8 day of Sept  
A.D. 1933 at 4:30 min. past  
1 o'clock P.M. and record-  
ed on page        of Book         
of        Records of Lewis and  
Clark County, State of Montana.

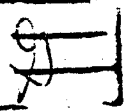
*John J. Reamish*  
By *for [Signature]*  
Deputy

1200

\_\_\_\_\_

229408

Indexed  
Recorded  
Compared



STATE OF MONTANA } ss  
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-  
strument was filed in my office on  
this 16 day of Oct  
A.D. 1972 at 55 min. past  
8 o'clock A.M. and record-  
ed on page      of book       
of      Records of Lewis and  
Clark County State of Montana.

*John J. Smith*  
County Recorder

By *J. J. Smith*  
Deputy  
300

52,165

231359

indexed  
recorded  
reared

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 29 day of Dec  
A.D. 19 72 at 55 min. past  
3 o'clock P. M. and record-  
ed on page      of Book       
of      Records of Lewis and  
Clark County, State of Montana.

John Kovich  
County Recorder  
by P. Thomas  
Deputy

200

File No. ....

T. 10 N. R. 3 W.

DUPLICATE

County Lewis &amp; Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

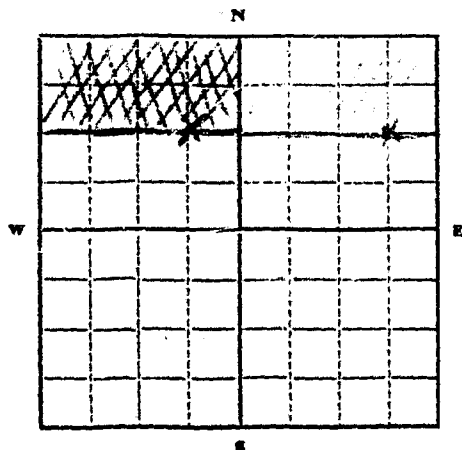
## Declaration of Vested Groundwater Rights

APR 17 1963

(Under Chapter 237, Montana Session Laws, 1961)

ASSISTANT  
STATE ENGINEER

1. Eugene C. Donaldson of Route 1 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:



NW 1/4 Sec. 11 T. 10. R. 3

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 purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1937; used each season
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 miner's inches
5. If used for irrigation give the acreage and description of the lands to which water has been applied and name of the owner thereof. Lot 4.. SW 1/4 NW 1/4 and SW 1/4 of Sec. 2  
Lot 1, the SE 1/4 NW 1/4 and NE 1/4 SE 1/4 of Sec. 3  
and the NE 1/2 NW 1/4 of Sec. 11, all in T. 10 N.  
R. 3 W.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1937
8. The depth of water table. 6 - 16 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. Dug 18 feet, 4 foot casing, 12 inch  
drilled well to 68 feet
10. The estimated amount of groundwater withdrawn each year. 150 acre feet.
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. M. G. Donaldson recorded well in 1952

Signature of Owner

*Eugene C. Donaldson*  
Date April 1 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.

4154



142426  
LE  
Recorded  
Compared

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 11<sup>th</sup> day of Apr  
A.D. 1963 at 45 min. past  
8 o'clock am.

Records of Lewis & Clark  
County, State of Montana

William Donich  
County Recorder  
By James S. Russell  
Deputy

\$ 2.00

File No. ....

T. 10. N. R. 3. W. ....

DUPLICATE

County Jersey & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

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

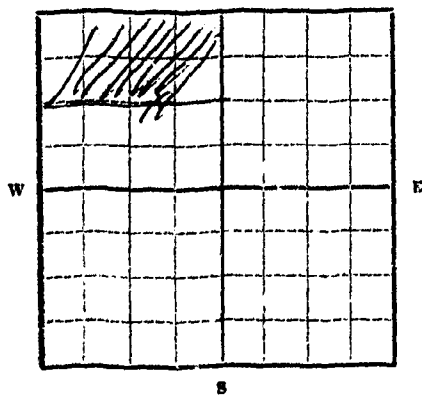
0 to 3' soil, some sand and gravel  
3 to 21' silt sand and some gravel  
21 to 24' clean fairley coarse gravel  
24 to 30' sand and gravel some silt  
30 to 32' coarse to fine sand some gravel  
32 to 39' firm fairley coarse sand and gravel  
39 to 44' coarse to fine gravel, consid erable sand  
44 to 46' silty sand and gravel, consid erable sand  
46 to 51' silty sand and gravel some clay  
51 to 56' clay  
56 to 61' firm sand and gravel considerable sand  
61 to 66' running sand fairley coarse some fine gravel some silt  
66 to 67' loose coarse gravel, consid erable sand

Owner Eugene C. Donaldson Address Route 1, Helena  
Driller Price and Lindsay Address Clancy, Mont.  
Date of Notice of Appropriation of Groundwater not applicable  
Date well started June, 1962 Date Completed Dec. 15, 1962  
Type of well drilled Equipment Used churn drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐

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

	Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
					Kind Size	From (Feet)	To (Feet)
	16"	16" O.D. 54 lb.	18" above ground elev.	81'	Miller perforator 3/8 by 23/4"		
						71'	66'
						59	56'
						50	32'
					3/16 by 2"	60	65'
						31	24'

(over)



NW 1/4 Sec. 11 T. 10 R. 3

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 12 feet.

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

Pumping Water Level 60 feet at 1000 gal. per minute.

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

How Tested pump Length of Test 30 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) 440 acresDriller's License Number 38Driller's Signature Robert Price

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.

142-428

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
the 11th day of July  
A.D. 1913 at 5:55 P.M.  
at Rock Spout

Records of Lewis & Clark  
County, State of Montana

County Recorder

By *James A. Russell*  
\$2.00

67 to 71' heavy silty sand and considerable coarse sand  
70 - 71' largley gravel  
71 to 72' tight fine gravel with considerable sand and  
72 to 74' clay bound gravel and silty fine sand  
74 to 81' clay some sand

First water at 20'  
24 to 30 some water  
32 to 44 considerable water  
44 to 51 " " some what silty  
56 to 61 " " "  
61 to 66 some water some what silty  
66 to 71 considerable water  
77 to 72 some water static level low  
74 to 81 some water fairly silty

RECORDED  
INDEXED  
FILED  
JUL 11 1913  
CLERK

FEB 28 1972

County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Donald Gies

Address North of East

Helena

Date well started June 29, 1970

completed June 30, 1970

For Administrator's Use

File 223212 Feb. 23, 1972

1:05 p.m.

GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

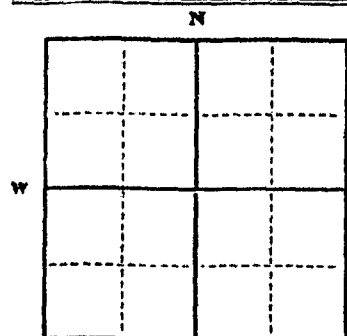
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17#	0	42	none		



Herrin Ranch Tracts

NE 1/4 Sec 11

T. 10. N. R. 3. E.

S. 5. W. R. 3. E.

Static water level 15 ft.\*  
Pumping water level 30 ft.\*  
at 20 gallons per minute,  
measured 60 minutes after pumping began.

\*Measured from ground level.

Well developed by batter  
for 2 hours.

Power            Pump            HP

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

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

Driller's Signature

Driller's Address

Clancy Montana

LICENSE NO. 38

DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
6	18	Topsoil & gravel
18	33	Gravel & sand
33	40	Clay & gravel
40	42	sand
42		gravel

42 Show exact depth of bottom

49,925

223712

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } S.

I hereby certify that the within in-  
strument was filed in my office on  
this 23 day of Feb  
A.D. 19 72 at 5 min. past  
1 o'clock P.M. and record-  
ed on page 1 of Book 1  
of 1 Records of Lewis and  
Clark County, State of Montana.

John Daniel  
County Recorder

By Betty Stafford  
Clerk

200

53,548

235499

RECORDED  
& INDEXED

#1

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 17 day of June  
A.D. 19 73 at 4:57 min. Day  
10 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

*John Joseph*  
*Carol Erickson*  
Deputy

2:00

File No. ....

T. 10 N R. 3 W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

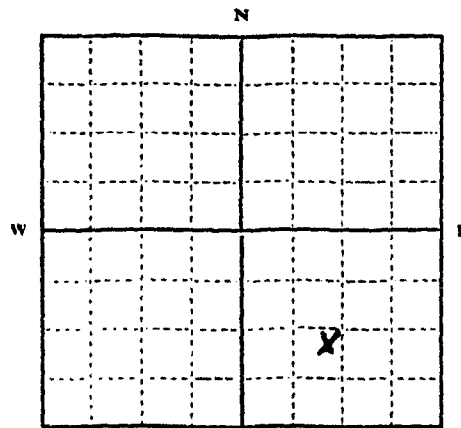
RECEIVED  
JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

THOMAS H. HERRIN

1. GORDON T. HERRIN, of ROUTE A HELENA  
(Name of Appropriator) (Address) (Town)  
County of LEWIS AND CLARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/4 SW 1/4 SE 1/4

1/4 Sec. 11 T. 10 N R. 3 W

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

2. The beneficial use on which the claim is based irrigating farm land
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1961 used every year for months of June, July August and September since 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 130 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 80 acres - E 1/4 SW 1/4 SE 1/4 - Section 11, Township 10 Range 3, all of Section 10 and the S 1/4 of Section 3, Township 10 North, Range 3 West
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 50 horse power electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1961
8. The depth of water table 17 feet to 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 16" steel casing to 100 feet deep
10. The estimated amount of groundwater withdrawn each year 250,000,00 and 500 acre feet
11. The log of formations encountered in the drilling of each well if available gravel and clay silts Price and Lindsey
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 Price and Lindsey drillers

Signature of Owner

Date Dec 29, 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.

24423



191595

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 31 day of Dec.

A.D. 1963 at 12 min. past  
12 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana.

John J. Smith  
County Recorder

By Norma Kelley  
Deputy

2.00

RECEIVED  
RECORDED  
INDEXED

File No. ....

T 10 N R 3 W

DUPLICATE

County Lewis and Clark

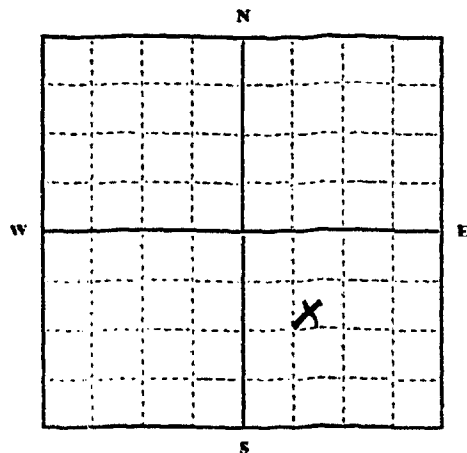
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964  
STATE ENGINEER

1. GORDON T. HERRIN, of Route A Helena  
(Name of Appropriator) (Address) (Town)  
County of Lewis and Clark State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. 11, T. 10 N R. 3 W

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

2. The beneficial use on which the claim is based house and live-stock, water 1 acre of farmland
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 Every day since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250 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 acre garden, E $\frac{1}{2}$  of SW $\frac{1}{4}$ SE $\frac{1}{4}$  Section 11, Township 10 North, Range 3 West
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 horse power deep well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1918
8. The depth of water table 17' and 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 6" casing - 60'
10. The estimated amount of groundwater withdrawn each year 30,000 gals.
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 only water available for line stock and household, since ranch was formed.

Signature of Owner

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.

24427

151599

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 31 day of Dec.  
A.D. 1963 12 min. past  
12 o'clock PM.

Records of Lewis & Clark  
County, State of Montana

John J. Smith  
County Recorder

by Norma Helley  
Deputy

2.00

Indexed  
Recorded  
Compared

File No. ....

T. 10 N R. 3 W

DUPLICATE

County Lewis and Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights JAN 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

THOMAS H. HERRIN

GORDON T. HERRIN

ROUTE A

HELENA

1. (Name of Appropriator)

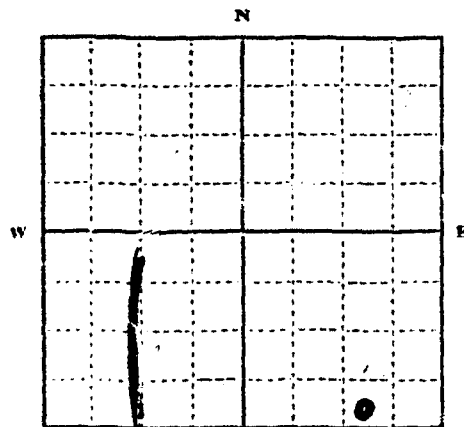
(Address)

(Town)

County of LEWIS AND CLARK

State of MONTANA

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



SW 1/4 of SE 1/4 of Sec 11 T10 R3

1/4 Sec 11 T10 R3

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

2. The beneficial use on which the claim is based irrigating farm lands
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 Ogle Barnes dug and Riddock 1952 - drilled a 16 inch well 100 feet deep used since 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 120 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 240 acres - E 1/4 SW 1/4, SE 1/4 Section 11, Township 10 North Range 3 West all of Section 10 and N 1/2 of Section 3, Township 10 North, Range 3 West
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 50 Horsepower electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started 1950 - completed 1952
8. The depth of water table from 17 feet to 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 16 inch steel casing to 100 feet
10. The estimated amount of groundwater withdrawn each year 247, 104,000 gals and 500 acre feet
11. The log of formations encountered in the drilling of each well if available gravel and clay stratus no log available Ogle Barnes dug and Walter Riddock drilled
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 Ogle Barnes first work and Valther Riddock casing and drilling

Signature of Owner

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.

24424

151596

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

Recorded  
Compared

I hereby certify that the within in-  
strument was filed in my office on  
this 31 day of Dec  
A.D. 1963 at 12 min. past  
12 o'clock PM.

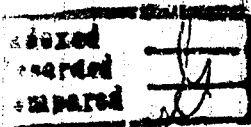
Records of Lewis & Clark  
County, State of Montana

John Daniel  
County Recorder

By Norma Kelley  
Deputy

2.00

\_\_\_\_\_



224834

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

hereby certify that the within in-  
strument was filed in my office on  
the 14 day of April  
A.D. 1972 at 56 min. past  
8 o'clock A.M.

Records of Lewis & Clark  
County State of Montana

*Robert J. Smith*  
County Recorder

By \_\_\_\_\_  
Secretary

27

File No. ....

T. 10N R. 3W

DUPLICATE

County L4C

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

MAR 2 1971

Top of Ground

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

0 - 5 fttop soil & gravel5 ft - 18 ftgravel18 ft - 33 ftgravel & clay33 ft to 44 ftHardpan44 ft to 46 ftgravel & sand

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

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

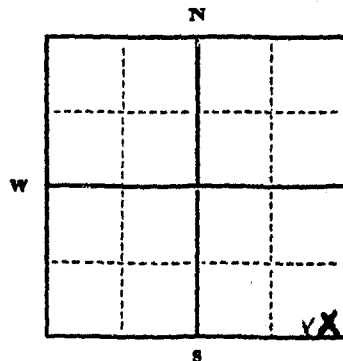
Owner Ed Knoles Address Helena ValleyDriller Wes Lindsay Address Clancy Mont

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

Date well started April 3-70 Date completed April 5-70Type 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)
<u>6"</u>	<u>1716</u>	<u>0</u>	<u>45</u>		<u>none</u>	

Static Water Level for non-flowing well 15 feet.

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

Pumping Water Level 40 feet  
at 15 gal. per minute.

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

How Tested 3 waterLength of Test 2 hrs

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

Doc. No. 215652 SE 1/4 Sec. 11 T. 10N R. 3W  
Filed for record  
this 23 day of February  
A. D. 19 71, at 8:00 o'clock A. M.  
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).  
Irrigate yard & garden

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

38  
Wesley Lindsay  
Driller's Signature.

4818c



215652

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 23 day of Feb  
A.D. 19 71 at 40 min. past  
8 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana.

*John L. Smith*  
County Recorder  
*Carol Peterson*  
Deputy

2-00

ALL INSTRUMENTS  
RECORDED IN THIS  
OFFICE ARE SUBJECT TO  
THE RECORDS ACT OF 1906

RETURNED TO REGISTER TO CHECK  
DATE OF COMPLETION OF RECORDING  
AND TO CHECK IF INSTRUMENT  
WAS RECORDED IN THIS OFFICE

File No. ....

T 10 R 3 West

DUPLICATE

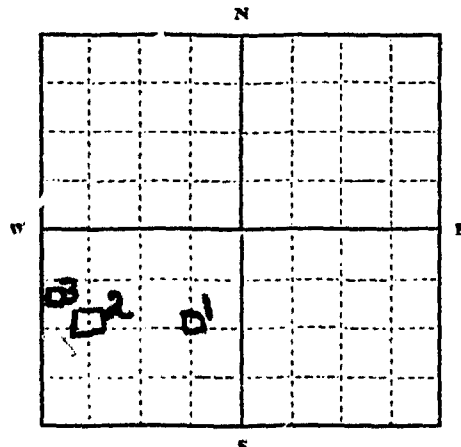
County Lea

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

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

1. Albert Olson & Olson Brothers, of Route A Helena, Montana  
(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:



SW 1/4 Sec 11 T. 10 R. 3

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.  
No. 1 well used for irrigation  
No. 2 well used for irrigation- #3 Household, lawn & Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1 dug in 1938- continuous  
No. 2 dug in 1953- continuous  
No. 3 dug inX when ranch was homesteaded in eighties
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 700 gal per minute  
No. 2- 300 gal per minute  
No. 3- 40 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  
No 1 well 60 acres SW 1/4 Sec 11-10-3  
No 2 well- 25 acres same as above  
No 3- watering stock
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Not available
8. The depth of water table. No. 1 12 ft.- No. 2 well- 12 ft. No. 3 - 12 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. No. 1 well 12 in. casing down 60 ft.  
No. 2 12 inc casing down 35 ft. No. 3 6 inch casing down 30 ft.
10. The estimated amount of groundwater withdrawn each year. Not available
11. The log of formations encountered in the drilling of each well if available.  
No. 1 well gravel- No. 2 well gravel- No. 3 well gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not available

Signature of Owner Albert OlsonDate December 17, 1963

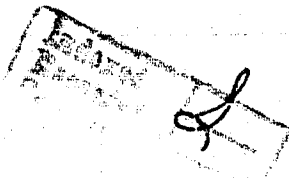
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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.

12247

150999



STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES

I hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of the County of Los Angeles.

Witness my hand and seal of office on  
this 17th day of June, 1943.

A.D. 1943 P.M. 4:50

County of Los Angeles

County Recorder

By Wentle Lass  
Deputy

s. 2

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Ray Simonson

Address 2990 Harris Rd.

Date well started Apr. 19 - 72

completed Apr. 21 - 72

Type of well Drilled

Equipment used Churn

Water Use: Domestic ☒ Municipal ☒ Stock ☐ Irrigation ☐

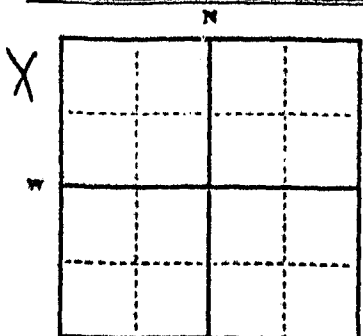
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*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 150,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	17 LB	0	53	None		



1/4 Sec. 11  
T. 19 N. R. 3 E. S. 1 W.

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

Driller's Signature Wesley Lindsay

Driller's Address Clancy Montana

LICENSE NO. 38

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	6	Topsoil & gravel
6	26	gravel & sand
26	38	clay & gravel
38	41	clay
41	50	sand
50	53	gravel

52 Show exact depth of bottom

50,429

225493

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK } ss

I hereby certify that the within in-  
strument was filed in my office on  
this 16 day of May  
A.D. 1922 at 25 min. past  
9 o'clock A.M. and record-  
ed on page        of Book         
of        Records of Lewis and  
Clark County, State of Montana.

John J. [Signature]  
County Recorder  
200

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

DUPLICATE

MONTANA WATER RESOURCES BOARD  
LOG RECEIVED

JAN 13 1969

T. 10 N. R. 3 West  
County. Lewis & ClarkSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level \_\_\_\_\_)

0 to 5 ft  
topsoil & gravel5 to 22 ft  
gravel & clay22 to 38 ft.  
hardpan38 to 45 ft.  
clay45 to 46 ft.  
sand & gravelNotice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1963

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

Owner. Ray G. Simonson Address Helena, Mont.

Driller. Wes Lindsay Address Clancy, Mont.

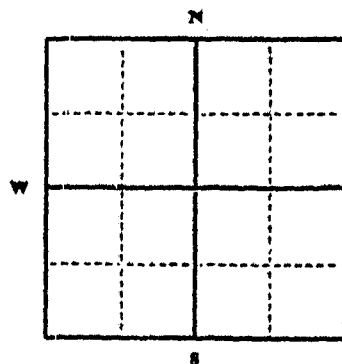
Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started July 19, 1968 Date completed July 21, 1968

Type of well. drilled Equipment used. churn  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☒ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 16	0	46			
				none		



Sec. 11, T. 10 N., R. 3 W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well \_\_\_\_\_ feet.

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

Pumping Water Level \_\_\_\_\_ feet

at \_\_\_\_\_ gal. per minute.

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

How Tested. boiler

Length of Test. 2 hrs

Remarks: (Gravel packing, cementing, pack-

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

\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

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.

38  
Driller's License NumberWesley Lindsay  
Driller's Signature.

44,913

201696

STATE OF MONTANA } ss  
COUNTY OF LEWIS & CLARK }

I hereby certify that the within in-  
strument was filed in my office on  
this 9th day of Jan  
A.D. 1969 at 4:40 min. past  
9 o'clock P.M.

Register of Lewis & Clark  
County, State of Montana.

Robert Kovach  
County Register  
C. Lynde  
Deputy

100

File No. \_\_\_\_\_ STATE WATER CONSERVATION BOARD

T. 10 N R. 3 W

DUPLICATE

MAY 29 1967

County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner R. S. Simonsin Address Ste 1 Box 2018 Helena Montana

Driller Wesley Lindsay Address CLANCY, MONTANA

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

Date well started 8-1-66 Date completed 8-3-66

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.

0 To - 5 ft.  
Topsoil & Gravel

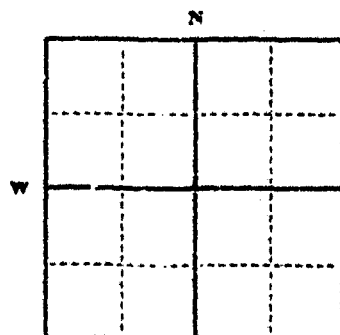
5 ft to 16 ft.  
Large gravel

16 ft. to 38 ft.  
Hardpan & Clay

38 ft. to 45 ft.  
Silt & Sand

45 ft. to 47 ft.  
Gravel & Sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	17 lb.	0	46'	NONE		



Lot 8 Herrin Ranch Tracts  
SE 1/4 Sec. 11 T. 10 R. 3  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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 Bailer

Length of Test 2 hrs.

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).

Irrigate Yard & Garden

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

Wesley Lindsay

Driller's Signature.

42,027

44,627



197108

Indexed  
Recorded  
Compared

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 23 day of May  
A.D. 1967 at 35 mi. west  
of Rock, F.M.

Records of Lewis & Clark  
County, State of Montana

John L. Smith  
County Recorder  
By C. L. Smith  
Deputy

2100

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Lester Slenes

Address 307 Geddis

Helena, Montana

Date well started April 6, 1972

completed April 9, 1972

For Administrator's Use

File 224909

April 12, 1972 8:50am

GW 1

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

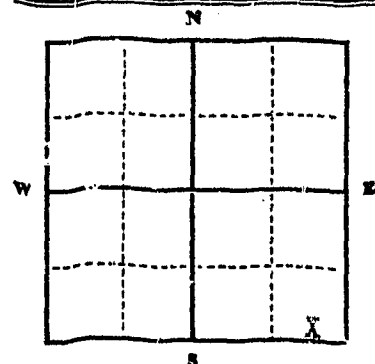
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 15 lb.	+1.5'	53.0'			



SP  $\frac{1}{4}$  Sec 11  
T. 10 N. R. 3 E.  
S W

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

Driller's Signature James C. Matheson

Driller's Address 220 G. Custer Ave N.

Helena, Montana LICENSE NO. 225

Lewis & Clark  
County

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0.0'	2.0'	Tan clayey silt
2.0'	34.0'	Brown clayey silty sand, gravel
34.0'	51.0'	Brown sandy clayey gravel with small amount water seep from 37.3' to 51.0' at about 2 GPM
51.0'	53.0'	Brown gravelly sand water contact with static head to 53.7'

53.0' Show exact depth of bottom

50,252

224909

RECORDED  
COMPARED

27

STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-  
strument was filed in my office on  
this 19 day of Apr  
A.D. 19 72 at 10 min. past  
8 o'clock A. and record-  
ed on page 1 of Book 1  
of 1 Records of Lewis and  
Clark County, State of Montana.

John Daniel  
County Recorder  
Betty Stafford  
Clerk  
2.10

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

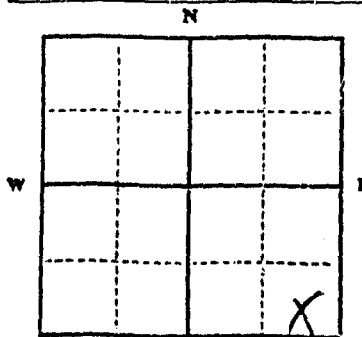
Owner James Sullivan For Administrator's Use  
Address North of East Helena, Montana File 211086  
Date well started April 16-70 GW 1 July 24, 1970  
completed April 18-70 8:35 A.M.

Type of well Drilled (Dug, driven, bored or drilled)  
Equipment used Chester (Churn drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	17 lb.	0	45	None



Lot 2  
SE 1/4 Sec. 11  
T. 10 N. R. 3 E.  
S W

Static water level 13 ft.\*  
Pumping water level 35 ft.\*  
at 15 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by driller  
for 2 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

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

Driller's Signature Wesley Lindsey  
Driller's Address Cheney Montana  
Drillers LICENSE NO. 38

County King & Clark

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	5
5	20
20	34
34	45
45	46

46 Show exact depth of bottom

46720

211086

Indexed	H
Recorded	
Compared	

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-  
strument was filed in my office on  
this 24 day of July  
A.D. 19 20 at 35 min. past  
8 o'clock PM.

Records of Lewis & Clark  
County, State of Montana.

John J. [Signature]  
County Recorder  
by Colleen [Signature]  
Deputy

1-200

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

T. 10N R. 3W

DUPLICATE

County Lewis & ClarkLOG NO. 17 1969

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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, as amended)

0 - 8' loose large gravel Owner Warren School District No. 3 Address Box 203, Helena, Mont.8 - 24' tight clay  
bound gravelDriller Price Well Drilling Address Clanoy, Mont.24 - 37' loose clean  
gravel

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

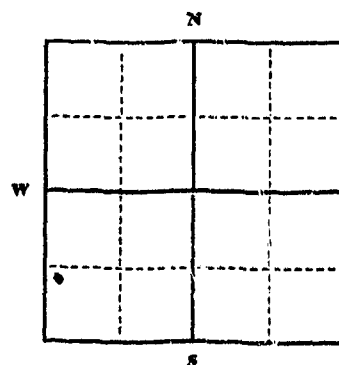
37 - 49' silt &amp; clay

Date well started Aug. 4, 1969 Date completed Aug. 7, 1969  
screen placed Sept. 25, 196949 - 51' fine heaving  
sandType of well drilled Equipment used churn drill  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)51 - 61' silt clay,  
some sandWater use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☒ school61 - 64' very fine silty  
heaving sand

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.

64 - 70' fine to coarse  
sand some particles  
of gravel, fairly  
free of silt

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	65/8" O.D. 15 lb.	0	65			
		65	70	Johnson stainless steel screen		

24 to 37' approx.  
25 g.p.m.Static Water Level for non-flowing well  
5' feet.

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

Pumping Water Level 10.6' feet  
at 60 gal. per minute.

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

How Tested pumpLength of Test 24 hrs.Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff)would expect well to  
yield 150 to 200 g.p.m.  
at 50% draw downSW 1/4 of Sec. 11 T. 10 R. 3  
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 Addi-  
tion).

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. This 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 107Driller's Signature Robert Price

45853

206 373

Indexed  
Recorded  
Compared

STATE OF MONTANA }  
COUNTY OF LEWIS & CLARK } SS.

I hereby certify that the within in-  
strument was filed in my office on  
this 17 day of Oct  
A.D. 1929 at 95 min. past  
2 o'clock P.M.

Records of Lewis & Clark  
County, State of Montana

*John J. Smith*  
County Recorder  
*Carroll White*  
Deputy  
*W. J. Lee*

1017-2W -  
County Lewis & Clark

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

**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 HELENA SANDO-GRAPEL

Address Box 797

HELENA Mont.

Date well started March 21-72

completed March 26-73

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Pile Driver

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

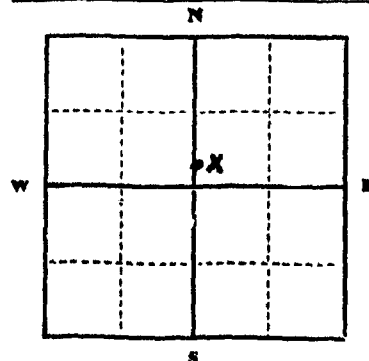
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\* Describe**

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

### ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
18"	18"	0	90	3 x 2	50	90



S  $\checkmark$   $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 12  
T. 10. N. R. 3 E.  
S (W)

Static water level: 40 ft.\*  
Pumping water level 80 ft.\*  
at --- gallons per minute,  
measured --- minutes after pumping  
began.

\*Measured from ground level.

Well developed by .....  
for ..... hours.

Power..... Pump..... HP

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

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

Driller's Signature L. M. McLean

Driller's Address Box 79

Helena Mont. LICENSE NO.

### DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

90

Show exact depth of bottom

54879



Advised  
Served  
Witnessed

I hereby certify that the within instrument was filed in my office on this 29 day of June A.D. 19 73 at 31 min. past 10 o'clock A.M.

Records of Lewis & Clark  
County, State of Montana

County, State of Monterey  
 County, State of Monterey  
 57  
 County, State of Monterey

200

RECEIVED

JUL 3 1973

County

3 GW 2 Re-issd 1969  
STATE PUBLISHING COMPANY

STATE OF MONTANA MONTANA DEPARTMENT OF NATURAL  
ADMINISTRATOR OF GROUNDWATER RESOURCES AND CONSERVATION  
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 HELENA SAND & GRAVEL

Address Box 797

HELENA MONT.

Date well started Feb 17 1973

Completed Feb 23 1973

For Administrator's Use

File 256471

Permit 24, 1973

GW 1037D 01

Type of well DRILLER

(Dig, driven, bored or drilled)

Equipment used

(Cable drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

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

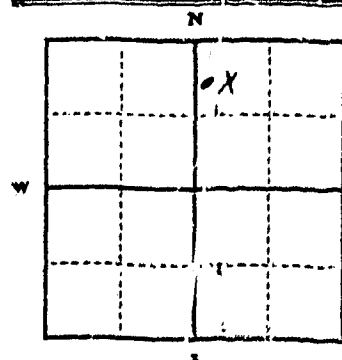
\*Describe

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). 100 ACRES

ESTIMATED ANNUAL WITHDRAWAL 51,940,400.00 GPD

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
<u>18"</u>	<u>18"</u>	<u>0</u>	<u>110'</u>	Kind Size	From (Feet)	To (Feet)
				<u>2 1/2" x 3"</u>	<u>0</u>	<u>110'</u>



Static water level 11 1/2 ft.  
Pumping water level 100 ft.  
at 100 gallons per minute,  
measured 10 minutes after pumping began.

\*Measured from ground level.

Well developed by 100 hours.

Power 100 HP

Pump 100 HP

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

100 ACRES

100 ACRES

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

Driller's Signature

Driller's Address

LICENSE NO.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>5</u>	<u>Top soil &amp; Gravel</u>
<u>5</u>	<u>24</u>	<u>Sand &amp; Clay</u>
<u>24</u>	<u>46</u>	<u>Sand &amp; Gravel water</u>
<u>46</u>	<u>52</u>	<u>Clay</u>
<u>52</u>	<u>94</u>	<u>Sand &amp; Gravel</u>
<u>94</u>	<u>95</u>	<u>Clay</u>
<u>95</u>	<u>110</u>	<u>Clay &amp; Silt</u>

110 Show exact depth of bottom

54830

100-333333  
 100-333333  
 100-333333

I hereby certify that the within instrument was filed in my office on the 29 day of April A.D. 1973 at 37 min past 12 o'clock P.M.

~~Records of Lewis & Clark  
County, State of Montana~~

County of San Diego  
 State of California  
 I, John J. Smith  
 of said County and State, do hereby certify that  
200

A 10x10 grid of 100 small, dark, irregular shapes, possibly representing a microscopic view of a material or a pattern of particles. The shapes are scattered across the grid, with some appearing more prominent than others. The background is light gray, and the shapes are dark gray or black. The overall pattern is somewhat random but shows some degree of clustering and distribution.

*[Faint, illegible markings]*

RECEIVED

County LEWIS & CLARK

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUL 8 1973

DRILLER'S LOG

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 HELENA SAND & GRAVEL

Address Box 797

HELENA MONT.

Date well started FEB 23-73

completed MARCH 3-73

For Administrator's Use

File 836474

June 29, 1973

GW 1 N. 46.1. M.

Type of well DRIVEN

(Dig, driven, or drilled)

Equipment used CRANE & PILE DRIVER

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒

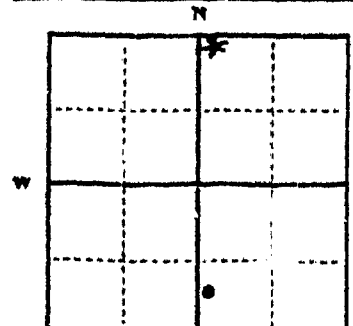
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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 Additior). 210 ACRES

ESTIMATED ANNUAL WITHDRAWAL 33,360,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>18"</u>	<u>18"</u>	<u>0</u>	<u>110</u>	<u>4x3-</u>	<u>60</u>	<u>110</u>



NW NE S SE  
SW W  
T. 10. S. 3. E. 3. W. 3.

Static water level 55' ft.\*  
Pumping water level 100' ft.\*  
at 110 gallons per minute,  
measured 120 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Boiler  
for 3 hours.

Power Electric Pump 1.50 HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff)

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

Driller's Signature Wesley Lindsay

Driller's Address

LICENSE NO. 38

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>2</u>	<u>Top soil &amp; Gravel</u>
<u>2</u>	<u>45</u>	<u>Sand &amp; Gravel</u>
<u>45</u>	<u>55</u>	<u>Sand &amp; Clay</u>
<u>55</u>	<u>110</u>	<u>Sand &amp; Gravel</u>

110' Show exact depth of bottom

54833