

File No.

T. 32 N. R. 36 E.

DUPLICATE

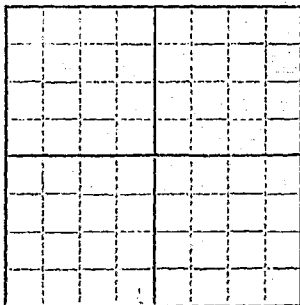
County.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Don't R. Arch J. Arch of 41 N. 5. 17 E  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 10 SE 40 W 1/4

1/4 Sec 29 T 36 R 36 E

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

2. The beneficial use on which the claim is based House hold  
drinking water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 12-17 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 GPM AS
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 ft x 50 ft  
PLAT
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 inch

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951  
10-11-51 1951
8. The depth of water table 50 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 1/2 inch 200 ft x 50 ft  
drinking water
10. The estimated amount of groundwater withdrawn each year 3 0 GPM
11. The log of formations encountered in the drilling of each well if available 1/2 inch
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 1/2 inch

Signature of Owner Don't R. Arch J. ArchDate 10-11-51

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.

36811

438810

18266

DEC 27 1963

<sup>4.00</sup>  
MARY LOUELLA Clerk & Recorder  
Valley County

GW3

File No. ....

DUPLICATE

T. 32 N. R. 36 E

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAR 21 1962

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

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Garbon C. McLaughlin Address MINSDALE MONT.

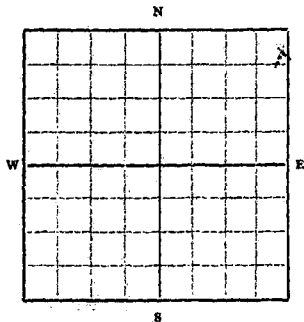
Contractor (if any) .....

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. DEPTH OF SPRING 3'

Gravity flow



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 .....

NE 1/4 NE Sec. 30 T. 32 R. 36

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

Runs CONTINUAL ABOUT 1 GALLON PER

MINUTE USED FOR LIVESTOCK

Signature of Owner Garbon C. McLaughlin

Date March 16<sup>th</sup> 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.

GW3

File No.

DUPLICATE

SW

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

RECEIVED  
MAR 21 1962

STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner GORDON C. McLEACHLIN Address HINSDALE, MONT.

Contractor (if any)

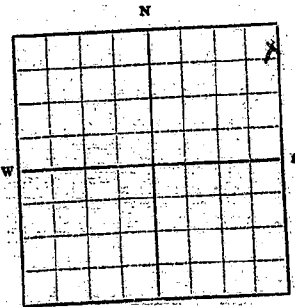
Address of Contractor

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. DEPTH OF SPRING 2 1/2'

GRAVITY FLOW



NE 1/4 NE Sec 30 T 32 R 36

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.

RUNS CONTINUOUS, ABOUT 1 GALLON PER MINUTE USED FOR LIVESTOCK

Signature of Owner

Gordon C. McLeachlin

Date March 14<sup>th</sup> 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.

427724

17313

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

MAR 20 1962

at 11:00 o'clock A.M.  
Mary Lou Cook  
County Recorder  
By Pauline Jacobson Deputy

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

T. 32 R. 36

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

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

Owner Bert Esterson Address Headed, MontContractor (if any) None

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed joined

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

Unknown  
Shall springs are natural  
flowing springs

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 \_\_\_\_\_

Use them for livestock  
but have not had livestock  
on this land for the past  
5 years

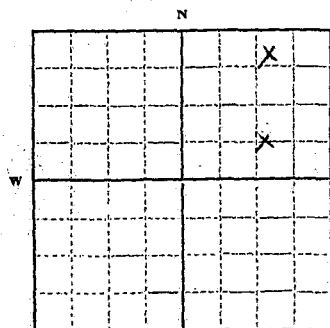
Signature of Owner Bert EstersonDate 12-12-63

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

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

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

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



NENW  $\frac{1}{4}$  Sec. 33 T. 32 R. 36

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

438258

17988

STATE OF MONTANA,  
County of Valley.

Filed for record.

DEC 12 1963

at 11:00 o'clock A.M.  
Mary Lou Eide  
Pauline Jacobson

File No. ....

T. 32 N. R. 36 E.

DUPLICATE

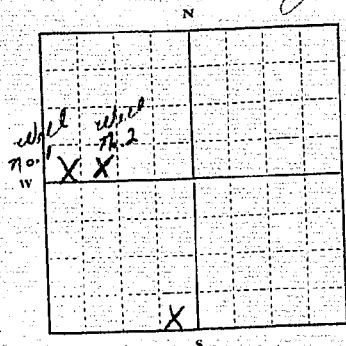
County. Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bert Peterson, of Harrodale, 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:



SW 1/4 Sec 33 T22 R36

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

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

Well #1 Domestic & livestock  
Well #2 livestock and garden irrigating garden

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

Well #1 - Approximately 1907  
Well #2 - 1954

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

Well #1 2 gallons per minute  
Well #2 1 gallon 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 for irrigation

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.

Well #1 - Approximately 1907  
Well #2 - 1954

8. The depth of water table.

Well #1 9' Well #2 4'

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 - 29' deep  
#2 Well - 8' deep

10. The estimated amount of groundwater withdrawn each year.

Unknown

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

Well No. 1 - gravelly shale  
Well No. 2 - 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.

None

Signature of Owner

Bert Peterson

Date 12-12-63

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.

9520



438257

17987

STATE OF MINNESOTA  
COUNTY OF ST. LOUIS  
JAN 12 1963

DEC 12 1963

11:00 A.M.  
Mary Lou Bids  
Pauline Jackson

## GROUNDWATER INDEX

Page of

County Valley Twp. 32N Rge. 37E

[illegible]

T. 32 R. 37

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG STATE ENGINEER


Owner Carl L. and Clarice A. Stahl Address Hinsdale, Montana  
Driller Simpson Drilling Company Address Malta, Montana  
Date Started Oct. 10, 1960 Date Completed Oct. 21, 1960  
Location: Sec. 9 T. 32 R. 37 1/4 sec. E1 N1/2 W1/2

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

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

Casing: 3 ft. to 303 ft. Type Galvanized dip Size 4"

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

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

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

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

Static Water level, for non-flowing well: \_\_\_\_\_ 240 \_\_\_\_\_ feet.

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

Pumping water level: 270 feet at 9.0 gal. per min.

How tested: Bailed

Length of test: 2 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	14	Brown clay
14	16	Hard brown sandstone
16	21	Sandstone
21	23	Hard brown sandstone
23	45	Sandstone brown
45	57	Brown shale
57	75	Grey shale coal
75	95	Grey sandy shale
95	98	Grey shale-coal
98	105	Grey shale
105	123	Sandstone
123	127	Grey sandy shale
127	133	Coal - Brown shale
133	178	Grey shale
178	187	Brown shale
187	196	Grey shaley sandstone
196	205	Brown shale sandstone.
205	222	Grey shaley sandstone
222	224	Hard shale
224	252	Grey shale - sandstone
252	254	Hard shale
254	277	Grey shale - Sandstone - Water
277	303	Grey sandy shale

STATE OF MONTANA,  
 County of Valley,  
 Filed for record  
 AUG 2 1961  
 at 4:45 o'clock P. M.  
 By *Myrtle Ann Davis*  
 County Recorder  
 By *William J. Jackson*  
 Deputy

423808

17008

T. 33N R. 37E

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 2 1950

WATER WELL LOG

STATE ENGINEER


Owner Carl P. Hall Address H. N. 3436

Driller Carl P. Hall Address Same

Date Started 11/1/50 Date Completed 3/2/50

Location: Sec. 1 T. 33N R. 37E 1/4 sec. 14

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:                     

Casing: 5 ft. to 162 ft. Type 4" x 6" Size 6"

Casing:                      ft. to                      ft. Type                      Size                     

Casing:                      ft. to                      ft. Type                      Size                     

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

Type of screen or perforations                     

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

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

(date)

Pumping water level                      feet at                      gal. per min.

How tested:                     

Length of test                     

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

(over)

T. 32N R. 37E

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUN 22 1961

WATER WELL LOG

STATE ENGINEER


Owner Carl Stall Address Hinsdale

Driller Carl Palm Address S. A. A.

Date Started 2/2/60 Date Completed 9/7/60

Location: Sec. 7 T. 32 R. 37 1/4 sec. SW

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

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

Casing: Tap ft. to 110 ft. Type 4" x 6" Size 6"

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

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

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

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

Static Water level, for non-flowing well: 137 feet.

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

Pumping water level: 155 feet at 6 gal. per min.

How tested: Run Pump

Length of test: 10 min.

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

(over)

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	10	Yellow clay
10	20	Light sand
20	30	Light sand
30	40	Light sand
40	50	Light sand
50	60	Light sand
60	70	Light sand
70	80	Light sand
80	90	Light sand
90	100	Light sand
100	110	Light sand
110	120	Light sand
120	130	Light sand
130	140	Light sand
140	150	Light sand
150	160	Light sand
160	170	Light sand
170	180	Light sand
180	190	Light sand
190	200	Light sand
200	210	Light sand
210	220	Light sand
220	230	Light sand
230	240	Light sand
240	250	Light sand
250	260	Light sand
260	270	Light sand
270	280	Light sand
280	290	Light sand
290	300	Light sand
300	310	Light sand
310	320	Light sand
320	330	Light sand
330	340	Light sand
340	350	Light sand
350	360	Light sand
360	370	Light sand
370	380	Light sand
380	390	Light sand
390	400	Light sand
400	410	Light sand
410	420	Light sand
420	430	Light sand
430	440	Light sand
440	450	Light sand
450	460	Light sand
460	470	Light sand
470	480	Light sand
480	490	Light sand
490	500	Light sand
500	510	Light sand
510	520	Light sand
520	530	Light sand
530	540	Light sand
540	550	Light sand
550	560	Light sand
560	570	Light sand
570	580	Light sand
580	590	Light sand
590	600	Light sand
600	610	Light sand
610	620	Light sand
620	630	Light sand
630	640	Light sand
640	650	Light sand
650	660	Light sand
660	670	Light sand
670	680	Light sand
680	690	Light sand
690	700	Light sand
700	710	Light sand
710	720	Light sand
720	730	Light sand
730	740	Light sand
740	750	Light sand
750	760	Light sand
760	770	Light sand
770	780	Light sand
780	790	Light sand
790	800	Light sand
800	810	Light sand
810	820	Light sand
820	830	Light sand
830	840	Light sand
840	850	Light sand
850	860	Light sand
860	870	Light sand
870	880	Light sand
880	890	Light sand
890	900	Light sand
900	910	Light sand
910	920	Light sand
920	930	Light sand
930	940	Light sand
940	950	Light sand
950	960	Light sand
960	970	Light sand
970	980	Light sand
980	990	Light sand
990	1000	Light sand

12446

17064

### Log of Well

[illegible]

424469

17064



T 32N R 37E

10

County

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Carl Stahl Address Hinsdale  
Driller Carl Stahl Address Saco  
Date Started 7/1/01 Date Completed 9/28/01  
Location: Sec. 11 T. 32N R. 37E 1/4 sec. SW NW

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

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

Casing: 7 ft. to 27 ft. Type 5.00 DIA Size 4 1/2 ID

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

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

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

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

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

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

Pumping water level: \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

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

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

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

(over)

T 32N R 37E 10  
County Volney

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER


Owner Carl Stahl Address Hinsdale  
Driller Carl Palm Address Saco  
Date Started 9/26/61 Date Completed 9/28/61  
Location: Sec. 10 T. 32 R. 37 1/4 sec. SW NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: Top ft. to 22 ft. Type 1.5 LB DIA Size 4 1/2 FD

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: 43 feet.

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

Pumping water level: 65 feet at 6 gal. per min.

How tested: 1.5 hr

Length of test: 1 1/2 hr

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

Gravel packed between well casing

from bottom to 42 ft

(over)

# Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	4	Top of well
4	13	Light brown sand
13	17	Light brown sand
17	25	Light brown sand
25	30	Light brown sand
30	35	Light brown sand
35	40	Light brown sand
40	45	Light brown sand
45	50	Light brown sand
50	55	Light brown sand
55	60	Light brown sand
60	65	Light brown sand
65	70	Light brown sand
70	75	Light brown sand
75	80	Light brown sand
80	85	Light brown sand
85	90	Light brown sand
90	95	Light brown sand
95	100	Light brown sand
100	105	Light brown sand
105	110	Light brown sand
110	115	Light brown sand
115	120	Light brown sand
120	125	Light brown sand
125	130	Light brown sand
130	135	Light brown sand
135	140	Light brown sand
140	145	Light brown sand
145	150	Light brown sand
150	155	Light brown sand
155	160	Light brown sand
160	165	Light brown sand
165	170	Light brown sand
170	175	Light brown sand
175	180	Light brown sand
180	185	Light brown sand
185	190	Light brown sand
190	195	Light brown sand
195	200	Light brown sand
200	205	Light brown sand
205	210	Light brown sand
210	215	Light brown sand
215	220	Light brown sand
220	225	Light brown sand
225	230	Light brown sand
230	235	Light brown sand
235	240	Light brown sand
240	245	Light brown sand
245	250	Light brown sand
250	255	Light brown sand
255	260	Light brown sand
260	265	Light brown sand
265	270	Light brown sand
270	275	Light brown sand
275	280	Light brown sand
280	285	Light brown sand
285	290	Light brown sand
290	295	Light brown sand
295	300	Light brown sand
300	305	Light brown sand
305	310	Light brown sand
310	315	Light brown sand
315	320	Light brown sand
320	325	Light brown sand
325	330	Light brown sand
330	335	Light brown sand
335	340	Light brown sand
340	345	Light brown sand
345	350	Light brown sand
350	355	Light brown sand
355	360	Light brown sand
360	365	Light brown sand
365	370	Light brown sand
370	375	Light brown sand
375	380	Light brown sand
380	385	Light brown sand
385	390	Light brown sand
390	395	Light brown sand
395	400	Light brown sand
400	405	Light brown sand
405	410	Light brown sand
410	415	Light brown sand
415	420	Light brown sand
420	425	Light brown sand
425	430	Light brown sand
430	435	Light brown sand
435	440	Light brown sand
440	445	Light brown sand
445	450	Light brown sand
450	455	Light brown sand
455	460	Light brown sand
460	465	Light brown sand
465	470	Light brown sand
470	475	Light brown sand
475	480	Light brown sand
480	485	Light brown sand
485	490	Light brown sand
490	495	Light brown sand
495	500	Light brown sand
500	505	Light brown sand
505	510	Light brown sand
510	515	Light brown sand
515	520	Light brown sand
520	525	Light brown sand
525	530	Light brown sand
530	535	Light brown sand
535	540	Light brown sand
540	545	Light brown sand
545	550	Light brown sand
550	555	Light brown sand
555	560	Light brown sand
560	565	Light brown sand
565	570	Light brown sand
570	575	Light brown sand
575	580	Light brown sand
580	585	Light brown sand
585	590	Light brown sand
590	595	Light brown sand
595	600	Light brown sand
600	605	Light brown sand
605	610	Light brown sand
610	615	Light brown sand
615	620	Light brown sand
620	625	Light brown sand
625	630	Light brown sand
630	635	Light brown sand
635	640	Light brown sand
640	645	Light brown sand
645	650	Light brown sand
650	655	Light brown sand
655	660	Light brown sand
660	665	Light brown sand
665	670	Light brown sand
670	675	Light brown sand
675	680	Light brown sand
680	685	Light brown sand
685	690	Light brown sand
690	695	Light brown sand
695	700	Light brown sand
700	705	Light brown sand
705	710	Light brown sand
710	715	Light brown sand
715	720	Light brown sand
720	725	Light brown sand
725	730	Light brown sand
730	735	Light brown sand
735	740	Light brown sand
740	745	Light brown sand
745	750	Light brown sand
750	755	Light brown sand
755	760	Light brown sand
760	765	Light brown sand
765	770	Light brown sand
770	775	Light brown sand
775	780	Light brown sand
780	785	Light brown sand
785	790	Light brown sand
790	795	Light brown sand
795	800	Light brown sand
800	805	Light brown sand
805	810	Light brown sand
810	815	Light brown sand
815	820	Light brown sand
820	825	Light brown sand
825	830	Light brown sand
830	835	Light brown sand
835	840	Light brown sand
840	845	Light brown sand
845	850	Light brown sand
850	855	Light brown sand
855	860	Light brown sand
860	865	Light brown sand
865	870	Light brown sand
870	875	Light brown sand
875	880	Light brown sand
880	885	Light brown sand
885	890	Light brown sand
890	895	Light brown sand
895	900	Light brown sand
900	905	Light brown sand
905	910	Light brown sand
910	915	Light brown sand
915	920	Light brown sand
920	925	Light brown sand
925	930	Light brown sand
930	935	Light brown sand
935	940	Light brown sand
940	945	Light brown sand
945	950	Light brown sand
950	955	Light brown sand
955	960	Light brown sand
960	965	Light brown sand
965	970	Light brown sand
970	975	Light brown sand
975	980	Light brown sand
980	985	Light brown sand
985	990	Light brown sand
990	995	Light brown sand
995	1000	Light brown sand

STATE OF MONTANA, }  
 County of Valley, } ss  
 Filed for record  
 SEP 2 1901  
 4:15 P.M.  
 Mary Jane Smith  
 County Recorder  
 By Christine Jackson, Deputy

12460 17071

## Log of Well

[illegible]

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

SEP 28 1961

4-15 o'clock At M.  
May 2nd 1881  
 County Recorder  
By Pauline Jackson Deputy

42460

17021

File No. ....

DUPLICATE

T. 32 R. 37

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

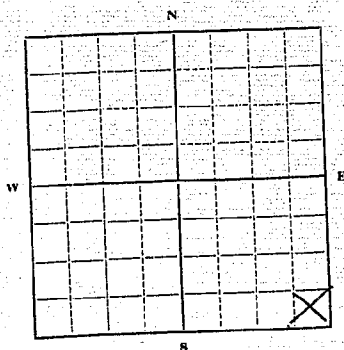
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 20 1963

STATE ENGINEER

1. S. M. FUNK, of Hinsdale  
(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:



SESE 1/4 SE. Sec. 20 T. 32 R. 37

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 - 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 Gas pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930
8. The depth of water table 70 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 70 feet deep, 4 inch casing, 1 inch pipe
10. The estimated amount of groundwater withdrawn each year 400,000 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

S M FunkDate December 16, 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.

438412

18027

STATE OF MONTANA,  
County of Valley,  
Shall be read.

DEC 17 1963

11:00  
Mary Lee Eide  
County Recorder  
Pauline Jackson Deputy

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

T. 32 R. 37

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

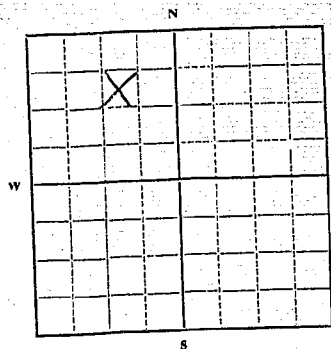
RECEIVED  
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. S. M. FUNK, of Hingsdale  
(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:



SWNE  $\frac{1}{4}$  NW Sec. 21 T. 32 R. 37

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930
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 withdrawal of groundwater 1930
8. The depth of water table 70 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 70 feet deep, 4 inch casing, 1 inch pipe
10. The estimated amount of groundwater withdrawn each year 500,000 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

S. M. FunkDate December 16, 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.

438413

18028

STATE OF MONTANA  
County of Yellowstone

DEC 17 1963

11:00  
Mary Lou Eide  
Pauline Johnson



GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No. ....

DUPLICATE

T. 32 R. 37

County Valley

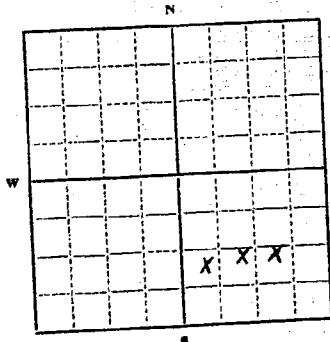
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

[D]  
R JAN 17 1964  
ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROBERT F. WEASA of Hinsdale  
(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 Sec. 23 T. 32 R. 37

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

2. The beneficial use on which the claim is based 3 Stock springs
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 - 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flowing springs
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Natural springs
8. The depth of water table Flows to 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 Natural springs
10. The estimated amount of groundwater withdrawn each year 15 gallons per minute year around
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 Robert F. Weasa

Date December 27, 1963

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

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

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

37926

438881 18313

DEC 30 1963

MARY LOU EIDE Clerk & Recorder  
Valley County

GV

Approved Stock Form--State Publishing Co., Helena, Montana--18687

File No. ....

T. 32 R. 37

DUPLICATE

County. Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

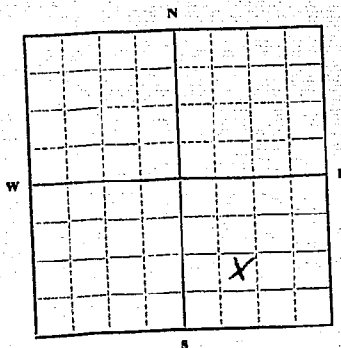
RECEIVED  
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ROBERT F. WEASA of Hinsdale  
(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 SE Sec. 23 T. 32. R. 37

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

2. The beneficial use on which the claim is based. Stock well and household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1938 - 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 - located per map
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1938
8. The depth of water table. 6 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. 15' deep, 3' diameter, 1 1/2" pipe
10. The estimated amount of groundwater withdrawn each year. 1,000,000 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

*Robert F. Weasa*

Date December 27, 1963

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

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

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

37927

438882

18314

RECEIVED  
VALLEY COUNTY

DEC 20 1963

100  
MAY LOU EIDE Clerk & Recorder  
Valley County

ON

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

File No. ....

T. 32 N R. 37 E

DUPLICATE

County Valley

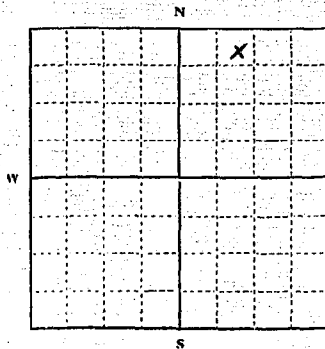
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 17 1964  
STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

I, ROBERT F. WEASA, of Hinsdale  
(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 NE Sec. 25 T. 32 R. 37

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

- The beneficial use on which the claim is based Stock well
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1950 - intermittent
- The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gas motor - located per map

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
- The depth of water table 4 feet
- 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 15 feet deep, 5 feet diameter, 1 1/2 inch pipe
- The estimated amount of groundwater withdrawn each year 500,000 gallons per year
- The log of formations encountered in the drilling of each well if available
- 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

*Robert F. Weasa*

Date December 27, 1963

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

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

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

37929

438884

18316

DEC 30 1963

MARY LOU EIDE Clerk & Recorder  
Valley County

Gv

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

File No. ....

T. 32 N. R. 37

DUPLICATE

County Valley

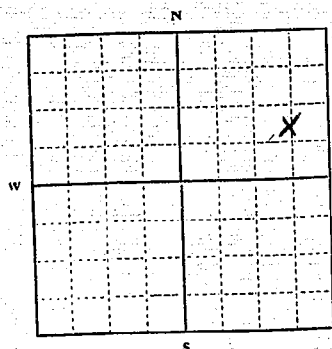
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROBERT F. WEASA, of Hinsdale  
(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 NE Sec 26 T. 32R. 37

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

2. The beneficial use on which the claim is based Stock spring.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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. Natural flowing spring - located per map

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1920 and before - spring
8. The depth of water table. Flows to 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. This is a natural spring
10. The estimated amount of groundwater withdrawn each year. 5 gallons per minute year around
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

Robert F. WeasaDate December 27, 1963

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

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

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

37928

438883

18315

STATE OF OREGON  
County of Valley  
Filed for record

DEC 30 1963

1:00

L.

MARY LOU EIDE Clerk & Recorder  
Valley County



GW

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

File No. ....

T. 32 N 37 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

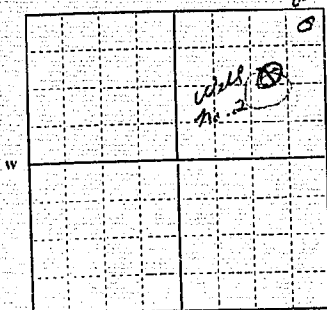
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl British of Box 13 Hinsdale 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:



NENE

1/4 Sec. 29 T. 32 R. 37

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

2. The beneficial use on which the claim is based. No. 1 Irrigation  
No. 2 Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No date of beneficial use  
As well as not considered to have volume  
enough except for irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No. 1 - 200 gpm per minute  
No. 2 - 10 gpm 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 35 acre plot of Carl British  
located by Frontier Building Inc.

No. 2 - not used for land irrigation

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

No. 2 - Pump (Case)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 - approx 1910  
No. 2 - approx 1910

8. The depth of water table. 42' (No. 1) No. 2 - 42 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 No. 1 - 56 ft deep

Well No. 2 - 66 ft deep

10. The estimated amount of groundwater withdrawn each year. no record

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 Carl British

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.

26664

439371

18736

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

Filed for record

JAN 3 1964

At 2:30 o'clock P.M.  
**MARY LOU FIDE** Clerk & Recorder  
Valley County  
By \_\_\_\_\_ Deputy

GW

File No. ....

DUPLICATE

T. 32 R. 37

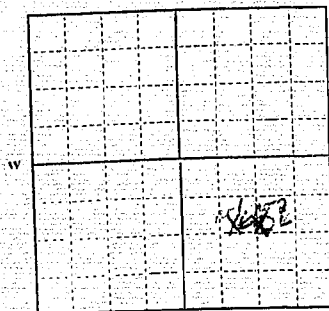
County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Carl Butsch of B#13 Hinsdale  
(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:



SESE  
1/4 Sec. 22 T. 32 R. 37

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

2. The beneficial use on which the claim is based.  
Stock water + House use also garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1 drilled 1904 and in continuous use since  
Well No. 2 drilled in 1956 in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Well No. 1 15 gals. per minute  
Well No. 2 20 gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.  
Both are used for garden irrigation of 1/2 acre.  
Sandy soil. Carl Butsch
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill Electric motor & submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well No. 1, 1904  
Well No. 2, 1956
8. The depth of water table Twenty one feet and 42 forty two 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.  
Well No. 1, 8 in. pipe casing  
Well No. 2, 4 in. pipe casing
10. The estimated amount of groundwater withdrawn each year. Well No. 1, 693,500 gals  
Well No. 2, 800,000 gals.
11. The log of formations encountered in the drilling of each well if available.  
3 ft. sandy clay, 12 ft. gravel, 20 ft. clay, 10 ft. sand & gravel,  
1 ft. blue clay.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

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

26663

439370

18735

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

JAN 3 1964

at 2:30 o'clock P. M.  
MARY LOUISE Clerk & Recorder  
Valley, County, Montana  
By \_\_\_\_\_ Deputy

File No. ....

T. 32 R. 37

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

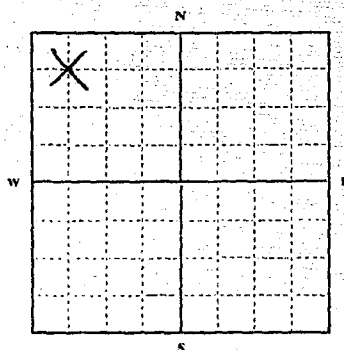
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 17 1964

STATE ENGINEER

1. ETCHART LAND COMPANY, of Tampico  
(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 NW Sec. 32 T. 23 R. 37

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

2. The beneficial use on which the claim is based Stock springs3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 - continuous4. 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 Natural flowing springs7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 19208. The depth of water table Springs flow to surface9. 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 Springs10. The estimated amount of groundwater withdrawn each year 10 gallons per minute year around

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

ETCHART LAND COMPANY

By: Signature of Owner

Mark S. Echart

President

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.

37970

438925

18357

DEC 20 1963

1.00  
MONTICU HILL Clerk & Recorder  
Valley County

32

T. 32 N R 37 E  
 County DEER CREEK  
 27 1941

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

STATE ENGINEER

WATER WELL LOG

	32	

Owner F. G. ... Address ...  
 Driller ... Address ...  
 Date Started 11/1/41 Date Completed 3/6/42  
 Location: Sec. 32 T. 32 R. 37 1/4 sec. S.W. SE

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 6"

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

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

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

Type of screen or perforations ...

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

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

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

How tested: ...

Length of test ...

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

(over)

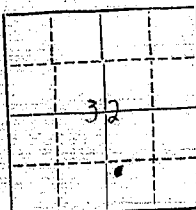
32

T. 32 N R. 37 E

County HoltMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

## WATER WELL LOG

Owner Earl P. Tsch Address H. 1st StDriller Carl P. L. Address S. 2ndDate Started 7/16/61 Date Completed 9/16/61Location: Sec. 32 T. 32 R. 37 1/4 sec. SWSEType of well Drilled Equipment used Churn drill  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐Industrial ☐ Drainage ☐ Other: \_\_\_\_\_Casing: 7 ft. to 24 ft. Type 4" 10 3/4" Size 6"

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

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

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

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

Static Water level, for non-flowing well: 12 feet.

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

Pumping water level 17 feet at 5 gal. per min.How tested: 1-2-3-4-5Length of test 1 hr

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

(over)



# Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	2	14-2-4-2-4
2	3	14-2-4-2-4
3	4	14-2-4-2-4
4	5	14-2-4-2-4
5	6	14-2-4-2-4
6	7	14-2-4-2-4
7	8	14-2-4-2-4
8	9	14-2-4-2-4
9	10	14-2-4-2-4
10	11	14-2-4-2-4
11	12	14-2-4-2-4
12	13	14-2-4-2-4
13	14	14-2-4-2-4
14	15	14-2-4-2-4
15	16	14-2-4-2-4
16	17	14-2-4-2-4
17	18	14-2-4-2-4
18	19	14-2-4-2-4
19	20	14-2-4-2-4
20	21	14-2-4-2-4
21	22	14-2-4-2-4
22	23	14-2-4-2-4
23	24	14-2-4-2-4
24	25	14-2-4-2-4
25	26	14-2-4-2-4
26	27	14-2-4-2-4
27	28	14-2-4-2-4
28	29	14-2-4-2-4
29	30	14-2-4-2-4
30	31	14-2-4-2-4
31	32	14-2-4-2-4
32	33	14-2-4-2-4
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97	98	14-2-4-2-4
98	99	14-2-4-2-4
99	100	14-2-4-2-4

STATE OF MONTANA  
County of Valley  
Filed for record  
4:00  
May 2nd 1911  
C. M.  
County Recorder  
Deputy

424494 1706

### Log of Well

[illegible]

424494

17063

## Page of

Twp. 321

Rge. 39E

[illegible]

File No. ....

T. 32 R. 39

DUPLICATE

County. Valley

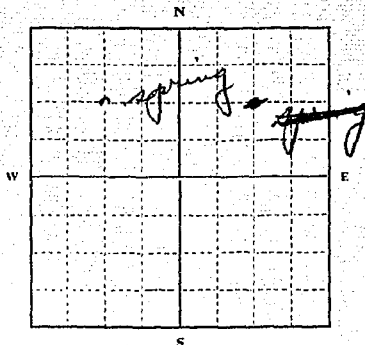
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cornwell Ranch Inc., of Tamplin  
(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 NW Sec. 2 T. 32 R. 39

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 livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 19104. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 natural flow

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

8. The depth of water table

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

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

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

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

Signature of Owner

Cornwell Ranch Inc.  
Walter Cornwell, Sec

Date Dec 31, 1963

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

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

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

37069

439232 18644

STATE OF MONTANA }  
County of Yellowstone

Filed for record

DEC 31 1963

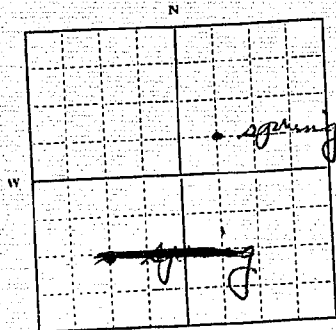
4:30 P.M.  
MARY LOUISE C. [unclear] Recorder  
Volume 18644

By \_\_\_\_\_ Notary

GW

File No. ....

DUPLICATE

T. 32 N. 39 E.  
County ValleySTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)1. Cornwell Ranch Inc. of Tampico (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:SW NE S  
Sec. 20. T. 32 R. 39Indicate 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 & livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920  
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 natural  
flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
10. The estimated amount of groundwater withdrawn each year 10,000,000
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Cornwell Ranch Inc.  
Walter Cornwell, Inc.Date Dec 31 - 1963

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

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

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

37074

439237

18649

STATE OF MICHIGAN  
County of Washtenaw

Plaintiff vs. Defendant

DEC 31 1963

4:30 P.  
MARY ANN BROWN, Recorder  
Washtenaw County

G.

File No. ....

DUPLICATE

T. 32 R. 39

County Valley

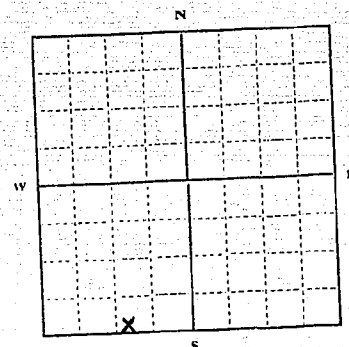
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE CHRISTOPHERSON of Glasgow  
(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 SW Sec. 22 T. 32 R. 39

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 spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Used continuously since 1930
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Open spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
8. The depth of water table. This is a spring.
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. This is an undeveloped spring
10. The estimated amount of groundwater withdrawn each year. 1,000,000 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.

ETCHART LAND COMPANY-- Lessee

By: Signature of Owner Mark L. Etchart  
President  
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.

37933



438888

18320

DEC 30 1963

1110  
MARY LOU LEE Clerk & Recorder  
Valley County

File No. ....

T 32 R 39

DUPLICATE

County Valley

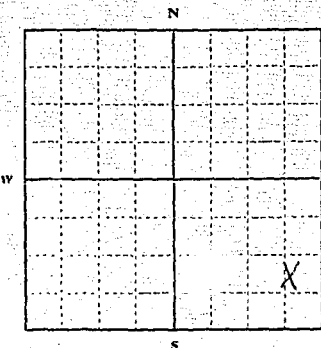
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964  
STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ETCHART LAND COMPANY, of Tampico  
(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 SE Sec 23, T. 32, R. 39

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 spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. ....
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. ....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Open spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. ....
8. The depth of water table. This is a spring.
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. This spring is undeveloped.
10. The estimated amount of groundwater withdrawn each year. 1,000,000 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. ....

ETCHART LAND COMPANY

By: Signature of Owner [Signature]

President

Date December 20, 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.

37935

438890

18322

DEC 30 1963

1:00

P

MARY LOU EIDE Clerk & Recorder  
Valley County

File No. ....

T. 37 R. 34 E. 28

DUPLICATE

County KAILLEY

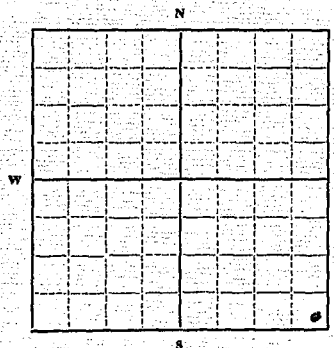
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GLENN E. BEIL of HINSDALE  
(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 Sec. 18, T. 37, R. 34

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 UNKNOWN

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 SPRING  
Free Flowing

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

8. The depth of water table TOP OF GROUND

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater NONE

10. The estimated amount of groundwater withdrawn each year unknown

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 Gen BeilDate Dec 24, 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.

36877

438806

18262

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

DEC 27 1963

<sup>4.00</sup>  
MARY LOU EILE Clerk & Recorder  
Valley County

File No.

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County

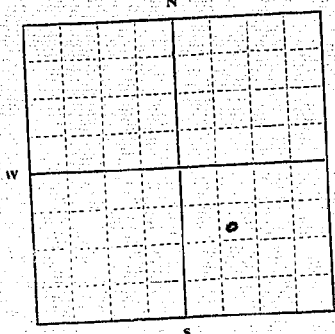
Valley

JAN 16 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 31 T. 32R. 39

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 CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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 NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Spring
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 not known
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 not known
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none known

Signature of Owner Antelope Ranch Inc.  
Paul C. Cornwell

Date 12/31/63

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

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

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

37083

439246

18658

STATE OF MONTANA  
County of Yellowstone  
Filed for record

DEC 31 1963

4:30 P.  
MONTANA STATE RECORDS  
ALBANY, MONTANA

## Page 10 of 10

County Valley

Twp. 32 N

Rge. 40E

[illegible]



GV.

File No. ....

T. 32 R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

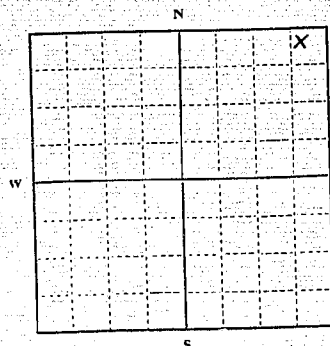
JAN 17 1964

STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ETCHART LAND COMPANY of Tampico  
(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:



NE 1/4 NE Sec. 16 T. 32 R. 40.

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 spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1952 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....Open spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1952
8. The depth of water table.....This is a spring.
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.....This is a spring which was dug out with a cat and dozer.
10. The estimated amount of groundwater withdrawn each year.....1,000,000 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.....

ETCHART LAND COMPANY

By: Signature of Owner

President

Date: December 19, 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.

37975

438930

18362

State of Montana  
County of Valley

DEC 30 1969

1.00  
MARY LOU EIDE, Clerk & Recorder  
Valley County

GW

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

File No. ....

T. 32 R. 40

DUPLICATE

County Valley

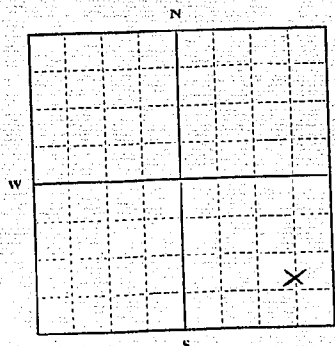
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. ETCHART LAND COMPANY, of Tampico  
(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  $\frac{1}{4}$  SE. Sec. 21. T. 32 R. 40.

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 spring
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal open spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952
8. The depth of water table This is a spring.
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 This is a dug-out spring.
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
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

ETCHART LAND COMPANY

By: Signature of Owner W. H. H. H.  
President

Date December 19, 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.

37938

438893

18325

STATE OF MISSOURI  
DEPARTMENT OF REVENUE

DEC 30 1963

1:00

P

MARY LOU EIDE Clerk & Recorder  
Valley County