

Form No. 18  
8-60

12

T. 26 R. 45  
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log


STATE ENGINEER

Owner Wm. C. Hubbard Address Conroy, Mont.

Driller Self Address \_\_\_\_\_

Date Started Nov 1, 1954 Date Completed Nov 2, 1954

Location: Sec. 12 T. 26 R. 45 <sup>SE</sup> 5 <sub>4</sub> sec. S. E

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

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

Casing: 0 ft. to 20 ft. Type Wm Size \_\_\_\_\_

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

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

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

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

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

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

Pumping water level 1.5 feet at \_\_\_\_\_ gal. per min.

How tested: W. test

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

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

(over)

## Log of Well

[illegible]

47129

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

MONTANA WATER RESOURCES BOARD

DUPLICATE

RECEIVED

JAN 6 1970

T. 26 R. 45

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER0  
88  
90

Top of Ground

(Elev. above sea level 1200)

Drift

Gravel

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Dewey Forsness Address Wolf Point, Montana

Driller Boona Whitmer &amp; Son Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater Dec 10, 1966

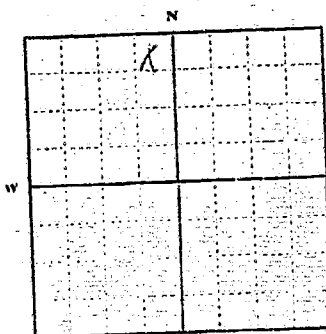
Date well started Nov 20 Date Completed Dec 10, 1966

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.

Doc. No. 20219 614  
Filed for record  
this 5 day of January  
A. D. 19 70, at 8:00  
o'clock a.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	7" OD 24#	0	90			

NW 1/4 Sec. 17 T. 24 R. 45  
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 15 feet.

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

Pumping Water Level 50 feet at 12 gal. per minute.

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

How Tested: Bailor Length of Test 2 hours

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

Driller's License Number 83

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.

20319

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

JAN - 5 1970

8.00 \$ dock A. M.  
*W. H. H. H. H. H.*  
County Recorder  
*W. H. H. H. H.*

Form No. 18  
8-60

T. 26 R. 45

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

ENGINEER

Water Well Log


Owner W. E. Hadland Address Cheney, Mont.

Driller unknown Address \_\_\_\_\_

Date Started unknown Date Completed \_\_\_\_\_

Location: Sec. 13 T. 26 R. 45 1/4 sec. NE 1

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

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

Casing: 0 ft. to 24 ft. Type None Size \_\_\_\_\_

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

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

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

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

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

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

Pumping water level 1.5 feet at \_\_\_\_\_ gal. per min.

How tested: No test

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

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

(over)

426196

17128

STATE OF MONTANA,  
County of Valley.

Filed for record

DEC 29 1961

Attest  
4-26-61  
By Maya R. R. R.  
County Clerk  
Deputy

25N 35E  
Valley Co.

WATER RIGHTS BUREAU  
RECORDS SECTION

RETURN TO PENTHOUSE

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

T. 25 R. 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 17 1964

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

1. ETCHART LAND COMPANY  
(Name of Appropriator)

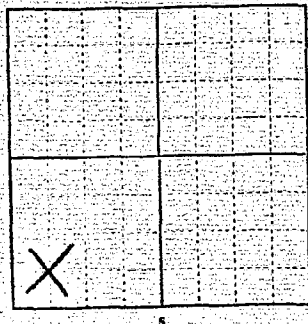
of Tampico  
(Address)

(Town)

County of Valley

State of Montana

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



2. The beneficial use on which the claim is based. 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). 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 flowing springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1920

8. The depth of water table. Springs flow 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. Springs

10. The estimated amount of groundwater withdrawn each year. 20 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 L. Etchart  
President

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.

37952



438907

18339

STATE OF MISSISSIPPI  
Valley County

Exhibit A-100

DEC 30 1963

1100  
MARY LOU EIDE Clerk & Recorder  
Valley County

RECEIVED  
VALLEY COUNTY  
CLERK & RECORDER  
DEC 30 1963  
1100

## Page 1 of 1

County Valley

Twp. 25 N

Rge. 39 E

[illegible]

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45542—3

File No. ....

M1-R-5164  
Tom Tom Well

T. 25 N. R. 39 E.

DUPLICATE

County Valley

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Land Management Address Box B, Malta, Montana

Driller Simpson Drilling Co Address Malta, Montana

Date of Notice of appropriation of groundwater

Date well started July 20, 1970 Date completed July 30, 1970

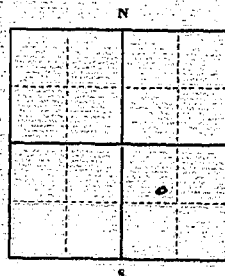
Type of well drilled Equipment used rotary  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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.

Top of Ground (Elev. above sea level)	
0	55 broken shale
55	69 dark shale
69	69% rock layer
69%	69% dark shale
69%	69% rock layer
69%	725 dark shale
725	725% rock layer
725%	824 dark shale
824	824% rock layer
824%	828 dark shale
828	830 rock layer
830	832 dark shale
832	833 rock layer
833	841 dark shale
841	841% rock layer
841%	845 dark shale
845	846 rock layer
846	853 grey shale (Judith formation)
853	856 rock layer
856	947 grey shale
947	1015 grey sandstone
1015	1050 sandstone some shale
1050	1062 grey sandstone
1062	1066 rock layer
1066	1093 grey sandstone
1093	1105 grey shale
1105	1155 grey sandstone & shale
1155	1175 grey shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8	6" 19#	0	452			
4 3/4	3" 8#	452	1175	1/8x 6	947	1155
				toroh		

Doc. No. 20414  
Filed for record  
this 28 day of August  
A. D. 1970 at 10:00  
Clock

Static Water Level for non-flowing well  
278 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 300 feet  
at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailer

Length of Test 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) rubber packers placed on three inch casing above the perforation

(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).

1175

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

47420

M- 20414

1100	1100	Black pipe
1098	1100	Black pipe
1096	1100	Black pipe
1094	1100	Black pipe
1092	1100	Black pipe
1090	1100	Black pipe
1088	1100	Black pipe
1086	1100	Black pipe
1084	1100	Black pipe
1082	1100	Black pipe
1080	1100	Black pipe
1078	1100	Black pipe
1076	1100	Black pipe
1074	1100	Black pipe
1072	1100	Black pipe
1070	1100	Black pipe
1068	1100	Black pipe
1066	1100	Black pipe
1064	1100	Black pipe
1062	1100	Black pipe
1060	1100	Black pipe
1058	1100	Black pipe
1056	1100	Black pipe
1054	1100	Black pipe
1052	1100	Black pipe
1050	1100	Black pipe
1048	1100	Black pipe
1046	1100	Black pipe
1044	1100	Black pipe
1042	1100	Black pipe
1040	1100	Black pipe
1038	1100	Black pipe
1036	1100	Black pipe
1034	1100	Black pipe
1032	1100	Black pipe
1030	1100	Black pipe
1028	1100	Black pipe
1026	1100	Black pipe
1024	1100	Black pipe
1022	1100	Black pipe
1020	1100	Black pipe
1018	1100	Black pipe
1016	1100	Black pipe
1014	1100	Black pipe
1012	1100	Black pipe
1010	1100	Black pipe
1008	1100	Black pipe
1006	1100	Black pipe
1004	1100	Black pipe
1002	1100	Black pipe
1000	1100	Black pipe

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

AUG 28 1970

at 10:00 o'clock A.M.  
Mary Lou Gide  
 County Recorder  
 By Deputy Deputy

Witness

1100

File No. ....

T. 25 N. R. 39 E.

DUPLICATE

County VALLEY

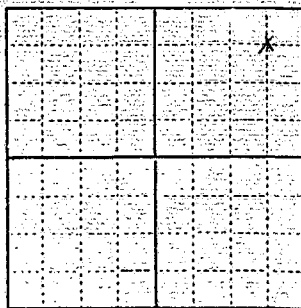
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CHESTER H. EIDE, SR. & HAROLD D. EIDE, of GLASGOW, MONTANA  
(Name of Appropriator) (Address) (Town)  
County of VALLEY State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NENE

1/4 Sec. 31 T. 25 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.  
Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1927

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

Not used 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. 1927

8. The depth of water table. 20 foot water level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well 28 feet deep

10. The estimated amount of groundwater withdrawn each year. 60,000 gallons

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

Not available

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

Signature of Owner Harold D. EideDate December 13, 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.

37122

439292

18701

STATE OF MONTANA  
County of Valley  
Filed for record

DEC 21 1963

*445*  
MARY LOU *W. F.* Clerk & Recorder  
Valley County

## Page 1 of 1

County Valley Twp. 24N Rge. 34E

[illegible]

File No. ....

T. 24 N. R. 34 E.

DUPLICATE

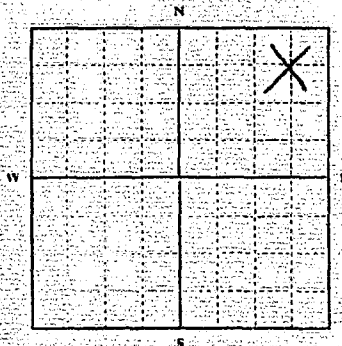
County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 17 1964

**Declaration of Vested Groundwater Rights** STATE ENGINEER  
(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. 11 T.24 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 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) 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 springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1920 - continuous

8. The depth of water table. Springs flow 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. Springs

10. 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 A. Etchart  
President

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.

37958



438913

18345

1000  
DEC 30 1963

MARY LOU FINE Clerk & Recorder

W. H. C. D. R.

DEC 30 1963

1000

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

T. 24 N. R. 34 E. 12

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  
(Name of Appropriator)

of

(Address)

Tampico

(Town)

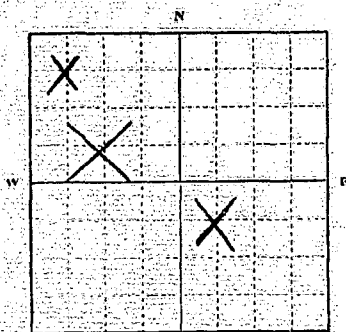
County of

Valley

State of

Montana

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

NW 1/4, SE 1/41/4 Sec. 12 T. 24 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 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) 30 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 prior to 1920

8. The depth of water table Springs flow 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 Springs

10. The estimated amount of groundwater withdrawn each year 30 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 L. Echart  
PresidentDate 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.

37957

438912

18344

DEC 20 1963

1.00 P.  
MARY LOU EISE Clerk & Recorder  
of Valley County

T. 24N R. 34E

County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

RECEIVED

STATE ENGINEER


Owner W. M. Anderson

Address 662 S. 6th St.

Driller Carl Palmer

Address 5500

Date Started 4/1/61

Date Completed 5/1/61

Location: Sec. 18 T. 24 R. 34 1/4 sec. SE 1/4 NE 7

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 281 ft.

Type 4" IPS Size 4" ID

Casing: 281 ft. to 905 ft.

Type 4" IPS Size 3" ID

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: 125 feet.

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

(date)

Pumping water level: 215 feet at 10 gal. per min.

How tested: Logging

Length of test: 2 hr

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

(over)

T. 24N R34E 18  
County Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

RECEIVED  
MAY 29 1961


Owner W. M. ANDERSON Address 6635 1/2  
Driller CARL PALM Address S. 20  
Date Started 4/1/61 Date Completed 5/1/61  
Location: Sec. 18 T. 24 R. 24 1/4 sec. SE 1/4 NE 1/4

STATE ENGINEER

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 281 ft. Type 612510 R14 Size 4 1/2 ID  
Casing: 281 ft. to 905 ft. Type 4510 B14 Size 7 7/8  
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: 125 feet

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

Pumping water level 215 feet at 10 gal. per min.

How tested: Bailing

Length of test 2 hr

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

(over)

Depth, feet		Description of Material Drilled
From	To	
0	25	Sandy Clay
25	140	Shale with gravel
140	242	Shale
242	640	Rock
640	755	Shale
755	781	Shale with coal
781	777	Rock
777	802	Gray Shale
802	805	Rock
805	825	Shale with coal
825	867	Rock
867	874	Shale with coal
874	877	Shale
877	886	Coal
886	890	Shale with coal
890	896	Hard Shale
896	897	Shale + Coal
897	900	Sandstone + water
900	906	Shale

STATE OF MONTANA, ss.  
County of Valley.

Filed for record

MAY 26 1951

at 11:30 o'clock P. M.

Mary Lee Lyle  
County Recorder

By Paul J. Galt Deputy

STATE OF MONTANA,  
County of Valley.  
Filed for record

MAY 26 1961

at 11:30 o'clock 2. M.

at 11:30 o'clock 2. M.

<div style="display: flex; justify-content: space-between;"> <div> <p><i>Murray &amp; Ed. Clark</i></p> </div> <div> <p>County Recorder</p> </div> </div>
---

By Pauline Carakine Deputy

### Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	25	Sandy Clay
25	140	Blue Hard Shale w. Th. gravel
140	642	Shale
642	645	" Rock
645	755	Shale
755	781	Shale w. Th. Coal
781	783	Rock
783	803	Gray Shale
803	805	Rock
805	825	Shale with Coal
825	827	Rock
827	834	Shale with Coal
834	842	Shale
842	845	Coal
845	860	Shale with Coal
860	880	Hard Shale
880	889	Shale & Coal
889	905	Sandstone & water
905	901	Shale

STATE OF MONTANA, ss.  
County of Valley.

Filed for record MAY 26 1951

at 11:50 o'clock P. M.  
Mary Lee Linn  
County Recorder  
By Pauline Jackson Deputy



OW

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

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

T. 24 N. R. 34

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

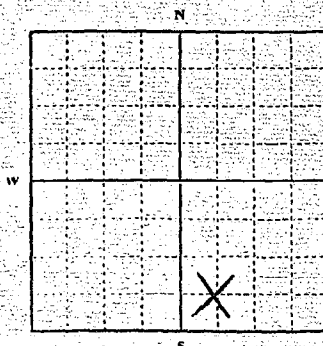
JAN 17 1964

# Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. ETCHART LAND COMPANY of Tampico  
(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 1/4 NW Sec. 25 T. 24 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 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) 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 springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920

8. The depth of water table Springs flow 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 Springs

10. 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. Etchart

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.

37960



438915 18347

ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED  
DATE 10/1/01 BY 60322  
UCBAW/STP

STATE OF ARIZONA  
COUNTY OF VALLEY  
REGISTERED

DEC 30 1963

100  
MARY LOU FINE Clerk & Recorder  
Valley County

QV

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

File No. ....

T 24 R 34

DUPLICATE

County Valley

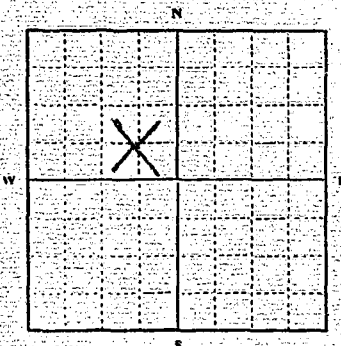
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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:



SW 1/4, Sec. 25 T. 24 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 springs**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1920**
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 **Natural flowing springs**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Prior to 1920**
8. The depth of water table **Springs flow 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 **Springs**
10. 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 E. Etchart**  
President  
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.

37968

438923

18355

STATE OF IOWA  
County of Valley

DEC 30 1963

1:00

P

MARY LOU EIDE, Clerk & Recorder  
Valley County

FILED IN 438923  
DEC 30 1963  
VALLEY COUNTY, IOWA

FILED IN 438923  
DEC 30 1963  
VALLEY COUNTY, IOWA

T 24 N. R 34 E.

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

DUPLICATE

Project M1-R-658  
Etchart Well

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
DECEIVED  
JUN 6 1963

Top of Ground

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

- 0' 2 brown clay
- 2 19 grey sand
- 19 22 sand some gravel
- 22 60 sandy grey clay
- 60 100 sand
- 100 120 sand & rocks
- 120 130 sand
- 130 138 sandy clay
- 138 295 dark shale
- 295 296 rock layer
- 296 340 dark shale some bentonite
- 340 520 dark shale
- 520 543 shale thin hard streaks
- 543 544 rock layer
- 544 640 dark shale
- 640 670 brown shale
- 670 682 grey shale
- 682 684 rock layer
- 684 708 brown & grey shale
- 708 710 brown shale
- 710 723 green shale
- 723 726 sandstone
- 726 730 thin hard shell
- 730 735 grey sandstone
- 735 752 shaley sandstone
- 752 775 sandstone & grown shale
- 775 778 rock layer
- 778 790 sandstone & shale layers
- 790 828 good sandstone
- 828 938 grey shale
- 938 948 sandstone
- 948 980 sandstone
- 980 990 grey shale
- 990 992 hard shell
- 992 1010 dark grey shale

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Bureau of Land Management** Address **Malta, Montana**

Driller **SIMPSON DRILLING CO** Address **MALTA, MONTANA**

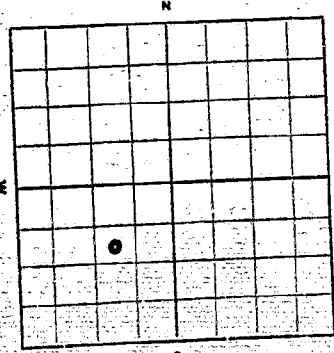
Date of Notice of appropriation of ground water \_\_\_\_\_  
Date well started **Sept 3, 1963** Date Completed **Sept 19, 1963**

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" 11 lb	0	1010	drilled 3/16 holes	778	980



NE 1/4 SW 1/4 Sec 34 T24N R34E

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 \_\_\_\_\_ feet.  
Shut-in Pressure for Flowing Well **1 1b**  
Pumping Water Level **135** feet  
at **8** gal. per minute.  
Discharge in gal. per min. of flowing well \_\_\_\_\_

How Tested **bailer**  
Length of Test **2 hours**  
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) **cemented**

**550 to 750**

15  
Driller's License Number

*Robert C. Simpson*  
Driller's Signature

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

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

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

438552

18083

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

DEC 20 1963

MARY LOUISE *Lisa* *L. M.*  
Valley County Clerk & Recorder  
*Pauline Jackson*

File No.

DUPLICATE

T. 24 R. 34

County VALLEY

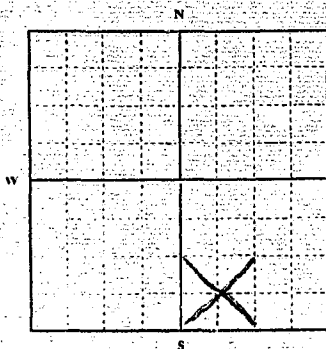
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. 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:



SW 1/4 SE Sec. 34 T. 24 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  
for watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960 - 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  
this is a flowing artesian well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1960

8. The depth of water table. Water flows at the 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. 4" casing, 850' deep

10. The estimated amount of groundwater withdrawn each year. 2,628,000 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

Signature of Owner

Mark Etchart  
President

Date

December 11, 1963

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

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

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

36896

439051 18470

STATE OF MONTANA }  
County of Valley, }

Filed for record

DEC 31 1963

<sup>9:50</sup>  
MARY LOUISE Clerk & Recorder  
Valley County

By

## Page 2 of 2

Twp. 24 N

Rge. 35E

[illegible]



File No. ....

T. 24 N. R. 35 E.

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)

**ETCHART LAND COMPANY**

(Name of Appropriator)

, of

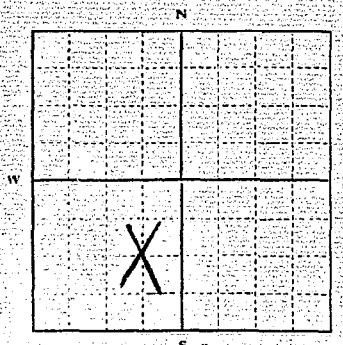
**Tampico**

(Address)

(Town)

County of ValleyState of Montana

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

**S4 1/4 SW Sec. 2 T. 24R. 35**

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

*Michael Etchart*  
PresidentDate 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.

37954

438909

18341

STATE OF MONTANA, )  
County of Valley )  
Filed for record

DEC 30 1963

100  
MARY LOU EIDE Clerk & Recorder  
Valley County

20-438909-18341-00  
referred to in deed  
and recorded in the  
office of the Clerk  
of the County of Valley

GW

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

File No.

T. 24 N. 35 E.

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

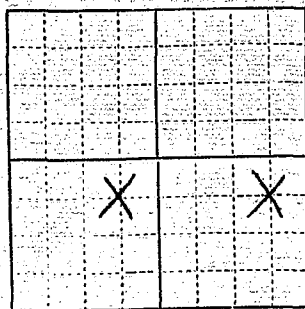
JAN 17 1964

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:

S $\frac{1}{4}$  $\frac{1}{4}$  Sec. 7 T. 24 R. 35

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 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) **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 flowing springs**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Prior to 1920**
8. The depth of water table **Springs flow 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 **Springs**
10. The estimated amount of groundwater withdrawn each year **20 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 L. Etchart  
President

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.

37959

438914

18346

STATE OF MONTANA,  
County of Valley,

Filed for record.

DEC 30 1963

at 11:00

MARY LOU ELLI Clerk & Recorder

By Valley County

GW

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

File No.

T. 24 N. R. 35 E.

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**  
(Name of Appropriator)

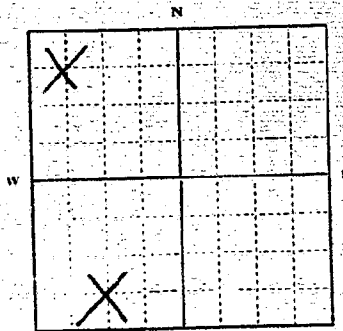
of \_\_\_\_\_  
(Address)

**Tampico**  
(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, SW 1/4**

**1/4 Sec 10 T. 24 R. 35**

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 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) **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 flowing springs**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Prior to 1920**

8. The depth of water table **Spring flow 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 **Spring**

10. The estimated amount of groundwater withdrawn each year **20 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

By: Signature of Owner **Mark E. Etchart**  
**President**

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 Quaduplicate for the Appropriator.

37953

438908

18340

DEC 30 1953

MARY LOU HIDE Clerk & Recorder  
Valley County

File No. ....

DUPLICATE

T. 24 R. 35

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)

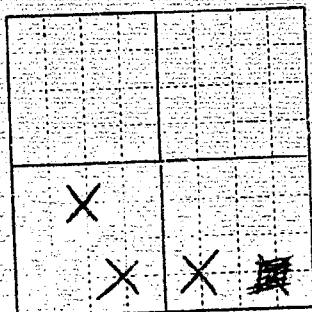
1. ETCHART LAND COMPANY  
(Name of Appropriator)

of (Address) Tampico

(Town)

County of ValleyState of Montana

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



SW 1/4, SE 1/4

1/4 Sec. 15 T. 24 R. 35

Indicate - int of appropriation  
and use, if possible. Each  
small 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) 30 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 30 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 Etchart  
PresidentDate 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.

32909

File No. ....

T. 24 N. 35 E.

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

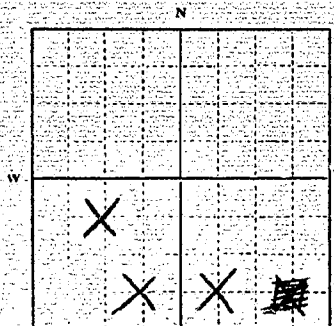
RECEIVED  
JAN 17 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. 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:



SW 1/4, SE 1/4  
1/4 Sec. 15, T. 24 N. 35

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 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) 30 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. Prior to 1920

8. The depth of water table. Springs flow 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. Springs

10. The estimated amount of groundwater withdrawn each year. 30 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 Etchart  
President

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.

32944



18331

1. *Intergovernmental* – the government of the state

DEC 10 1963

1500

MARY LOU EIDE Clerk & Recorder  
Valley County

OW

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

File No. ....

T. 24 N. R. 35 E.

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

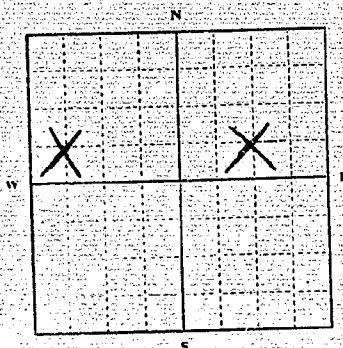
STATE ENGINEER

1. ETCHART LAND COMPANY  
(Name of Appropriator)

of (Address)

Tampico  
(Town)

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



N $\frac{1}{2}$  Sec. 17, T. 24 R. 35

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 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) 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 flowing springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920

8. The depth of water table Springs flow 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 Springs

10. The estimated amount of groundwater withdrawn each year 20 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 J. Etchart  
President

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.

37955

438910 18342

CLERK OF DISTRICT COURT,  
County of Valley, }  
Filed for record

DEC 30 1963

at 1.00 per sheet

MARY LOU EIDE Clerk & Recorder

By Valley County

CC 48 51  
FILED  
COUNTY OF VALLEY  
CLERK OF DISTRICT COURT  
DEC 30 1963

RECORDED  
INDEXED

11-1-64

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

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 24 N. R. 35 E.

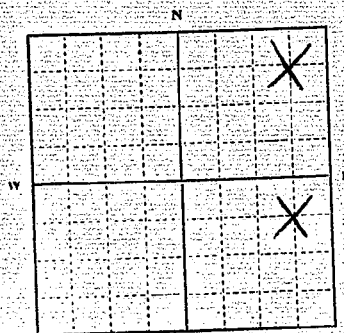
County \_\_\_\_\_

R  
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:



NE 1/4, SE 1/4

1/4 Sec. 18 T. 24 R. 35

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 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) **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 flowing springs**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Prior to 1920**
8. The depth of water table **Spring flow 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 **Spring**
10. The estimated amount of groundwater withdrawn each year **20 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 L. Echert*  
President

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.

37956

438911

18343

RECEIVED  
VALLEY COUNTY CLERK  
DEC 3 1963

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

DEC 3 0 1963

<sup>1.00</sup>  
MARY LOU EIDE Clerk & Recorder  
Valley County  
By \_\_\_\_\_

File No.

DUPLICATE

T 24 R 35

County Valley

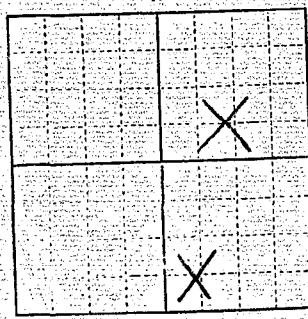
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
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:



NE 1/4, SE 1/4

Sec. 22 T. 24 R. 35

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 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) 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 flowing springs
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920
8. The depth of water table Springs flow 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 Springs
10. The estimated amount of groundwater withdrawn each year 20 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

President

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.

37942

18329

DEPT. OF AGRICULTURE, }  
 County of Valley. } ss.  
 Ed. J. Johnson and DEPT.

DEC 30 1969

at 1:00

MARY LOU EIDE Clerk & Recorder  
Valley County

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

T. 24 N. 35 E.

DUPLICATE

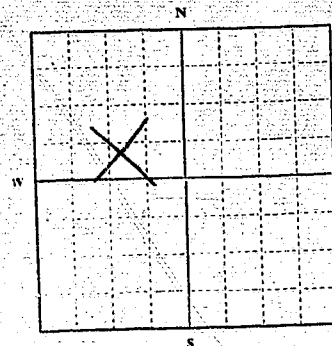
County Valley

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 1/4 NW Sec. 26, T. 24 R. 35**

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 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) 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 springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920

8. The depth of water table Springs flow 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 Springs

10. 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 Etchart  
President

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.

37943



438898

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[illegible]

DEC 21 1986

MARY LOU HIDE Clerk & Recorder  
Valley County

File No. ....

T. 24 R. 35

DUPLICATE

County Valley

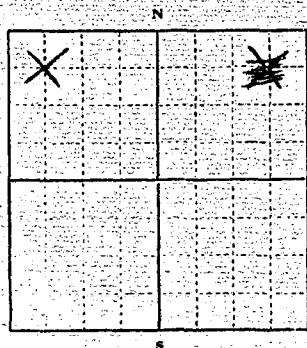
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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:



NW 1/4 NW Sec. 26 T. 24 R. 35

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 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) 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 springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920
  8. The depth of water table Springs flow 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 Springs
  10. 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
- Each 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 J. Etchart  
President  
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.

379.45

438900

18332

DEC 30 1963

1:00  
MARY-LOU EIDE Clerk & Recorder  
Valley County

62-15-05-100-101  
This document is the original of  
the original and is not to be  
used for any other purpose.

Document is to be  
used for any other purpose.

File No. ....

T. 24 N. R. 35 E.

DUPLICATE

County Valley

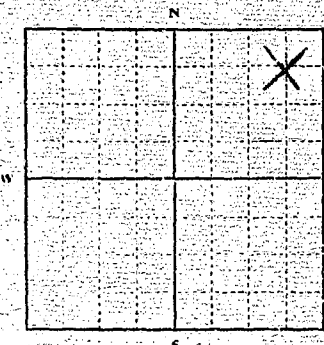
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION  
JAN 17 1964  
STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, ETCHART LAND COMPANY, of Tropic  
(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 ¼, NE Sec. 27, T. 24 R. 35

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

President

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.

37946

438901

18333

CLARK COUNTY MONTANA  
County of Valley

Filed for record

DEC 30 1963

100  
MARY LOU EIDE Clerk & Recorder  
Valley, Montana

CLARK COUNTY MONTANA  
County of Valley  
Filed for record

CLARK COUNTY MONTANA  
County of Valley  
Filed for record

File No. ....

T. 24 R. 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

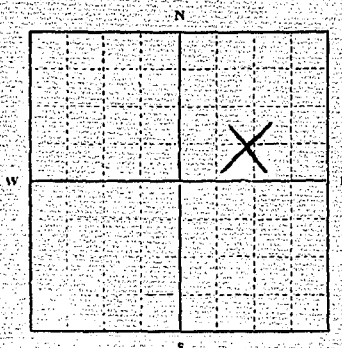
JAN 17 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

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:



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

S. 1/4 NE 1/4 Sec. 27, T. 24 R. 35

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920 - continuous

8. The depth of water table Springs flow 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 Springs

10. 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 L. Echert  
President

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.

37948

438903

18335

STATE OF MONTANA, ss.  
County of Valley

DEC 8 0 1963

1:00

MARY LOU EIDE Clerk & Recorder  
Valley County

GW

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

File No. ....

T. 24 R. 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



JAN 17 1964

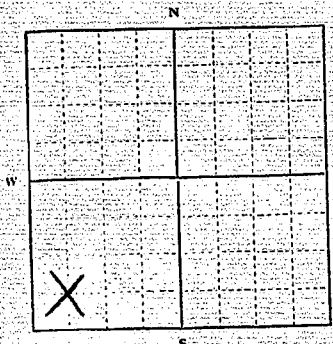
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ETCHART LAND COMPANY  
(Name of Appropriator)

of Tampico  
(Address) (Town)

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



SW 1/4 Sec. 28 T. 24 R. 35

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 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). 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 springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1920

8. The depth of water table. Springs flow 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. Springs

10. 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 J. Etchart  
President

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

37950



438905

18337

County of Valley.  
Filed for record

DEC 3 9 1963

1:00

Y. V.

MARY LOU EIDE Clerk & Recorder  
Valley County

G5.

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

File No. ....

T 24 R 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

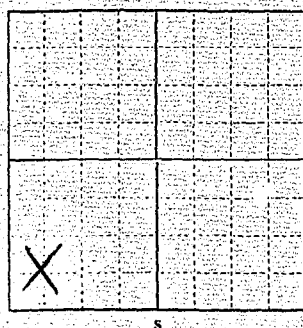
JAN 17 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. 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:



SW 1/4 SW Sec 30 T. 24 R. 35

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 L. Etchart  
PresidentDate 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.

37951

438906

18338

BOOKED TO MOUNTAIN } co.  
County of Valley.  
Filed for record

DEC 30 1963

1.00 *L*  
**MARY LOU EIDE** Clerk & Recorder  
Valley County

QC 10 02 05 1963  
Reference to order filed  
this record, it is to be  
made. It is hereby made.

GW

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

File No.

T. 24 N. R. 35

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

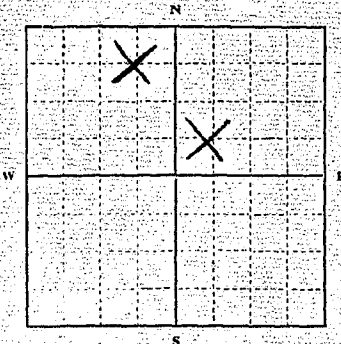
JAN 17 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(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:

N $\frac{1}{2}$ 

Sec 33 T. 24 R. 35

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 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) 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 flowing springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1920

8. The depth of water table Springs flow 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 Springs

10. The estimated amount of groundwater withdrawn each year 20 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 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.

3749