

432889

17615

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

JAN 29 1963

3:00 P.  
Mary Lou Cude  
Rulim Jackson

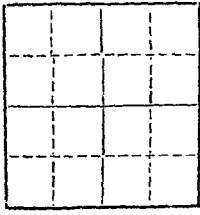
25

T. 30N R. 35E

County: Valley

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG



Owner: Walter Adams Address: Hurst

Driller: Leslie Parker Address: 520

Date Started: 8/1 Date Completed: 8/10/64

Location: Sec. 25 T. 30 R. 35 1/4 sec. NE

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: Tape ft. to 22.5 ft. Type: CHURN DRILL Size: 4 1/2 ID

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

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

Perforated or Screened: Ft. 11 to ft. 22.5 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 1/2 x 6"

Static Water level, for non-flowing well: 12.5 feet.

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

Pumping water level: 12.0 feet at 5 gal. per min.

How tested: Time

Length of test: 5

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	Sandy yellow Clay
10	62	Shale
62	73	Sandstone (gray)
73	80	Shale
80	133	Sandstone (gray)
133	148	Shale with Sand
148	171	Sandstone (gray)
171	193	Sandstone
193	206	Sandstone (gray)
206	211	Shale
211	250	Sandstone (gray)
250	300	Sandstone (gray)

423978 17016

STATE OF MONTANA, ss.  
County of Valley

Filed for record  
Dec 10 1951

113  
By Henry Frank Clerk of M.  
County Recorder  
By DeLoach Deputy

File No. ....

T. 30 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. GEORGE C. HANEBUTH and LYDIA G. HANEBUTH 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:

N	
62 XX X3	
W	E
S	

- 2. The beneficial use on which the claim is based.
  - 1. Household
  - 2. Stock well
  - 3. Stock well

- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
  - 1. 1945 - continuous
  - 2. 1947 - continuous
  - 3. 1947 - continuous

- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).
  - 1. 10 gallons per minute
  - 2. 10 gallons per minute
  - 3. 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

Sec 7, T31, R35

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

- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
  - 1. Electric pump - located per map
  - 2. Electric pump - located per map
  - 3. 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.
  - 1. 1945
  - 2. 1947
  - 3. 1947

- 8. The depth of water table.
  - 1. 20 feet
  - 2. 20 feet
  - 3. 20 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.
  - 1. 29' deep, 6" casing, 1 1/2" pipe
  - 2. 29' deep, 6" casing, 1 1/2" pipe
  - 3. 29' deep, 6" casing, 1 1/2" pipe

- 10. The estimated amount of groundwater withdrawn each year.
  - 1. 100,000 gallons per year
  - 2. 750,000 gallons per year
  - 3. 750,000 gallons per year

- 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

Signature of Owner George C. Hanebuth  
Lydia G. Hanebuth

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.

37932

438887

18319

DEC 30 1963

1:00

MARY LOUISE Clerk & Recorder  
Valley County

File No. ....

T 30 R 35

DUPLICATE

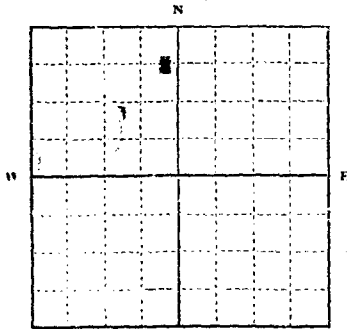
County Valley

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

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

1. Carlo Portero 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:



R1W 27 T. 30 N. R. 35 E  
 1/4 Sec. T. R.

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 500 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 .....  
A spring as located on the plat.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ..... 1915

8. The depth of water table..... 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 ..... Natural spring

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

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

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

Signature of Owner Carlo Portero

Date December 31st, 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

37042

439205

18617

DEC 11 1963

*file* *P*

*Miss...*





GW 2

Approved Stock Form - State Publishing Co. Helena, Montana 59601

File No. ....

T 30N R 36E

DUPLICATE

County Valley

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

CROWLEY TOWN

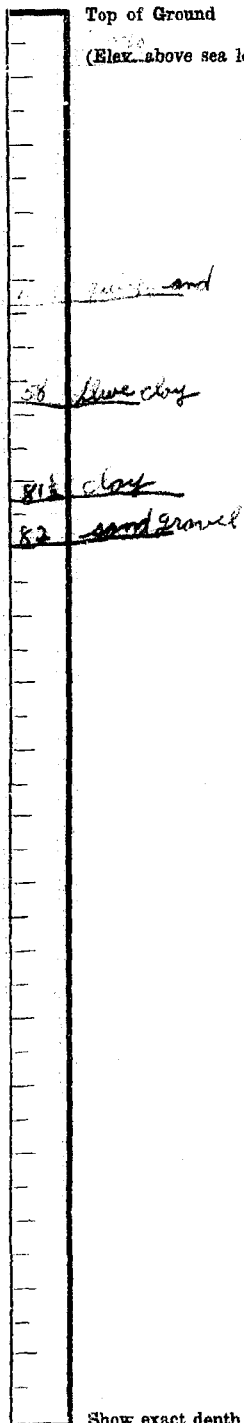
Owner: Howard Cornell Address: WinadaleDriller: Walter Guse Address: Blairgowrie

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

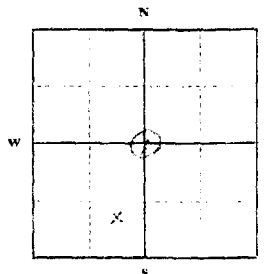
Date well started Oct 21 1969 Date completed Oct 24 1969Type of well: DRILLED Equipment used: rotary  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other 

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.....)



Size of Drilled Hole	Size and Weight of casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4 in. pipe 2 lb. pipe +					



A.C.S.V.

1/4 Sec. 1, T. 30, R. 36  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well  
10 ft from top .....

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

Pumping Water Level.....0 feet  
at 5 gal. per minute.

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

How Tested: pumped .....Length of Test: 2 1/2 hr .....Remarks: (Gravel packing) cementing, packers, type of snuff .....

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

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

45808

20293

NOV 4 1969

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

NOV 3 1969

at 11:05 o'clock A.M.  
*Thayer L. ...*  
County Recorder  
*Maely ...* Deputy

File No. ....

T. 30 R. 36

DUPLICATE

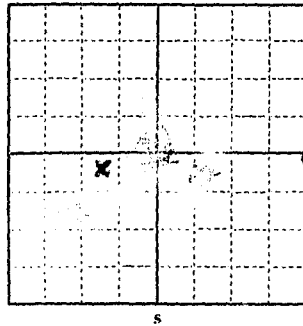
County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Andrew G. Hellsten, of Box 76 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:



NE 1/4 SW Sec. 2 T. 30 R. 36

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, domestic use, irrigate garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Original well drilled about 1900. This well replaced by present well in 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 300

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. One acre of garden sometimes irrigated

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1950 present well - 1900 original well

8. The depth of water table. well is 60 feet deep - water level about 20 feet below ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch casing - 60 feet to water table - casing 6 feet to water table

10. The estimated amount of groundwater withdrawn each year. One million gallons

11. The log of formations encountered in the drilling of each well if available. Thirty feet of sandstone and granite layers thirty feet of shale

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

Signature of Owner Andrew G. Hellsten

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.

36871

NOV 4 1963

438800

18256

DEC 27 1868

MARY K. HILL CO. *file* *L*

File No. ....

T. 30 R. 36 Sec 2

DUPLICATE

County Valley  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
RECEIVED  
JAN 21 1966

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Rega Reinhardt Address Leadville, Mont.

Driller Will Spore Address Leadville

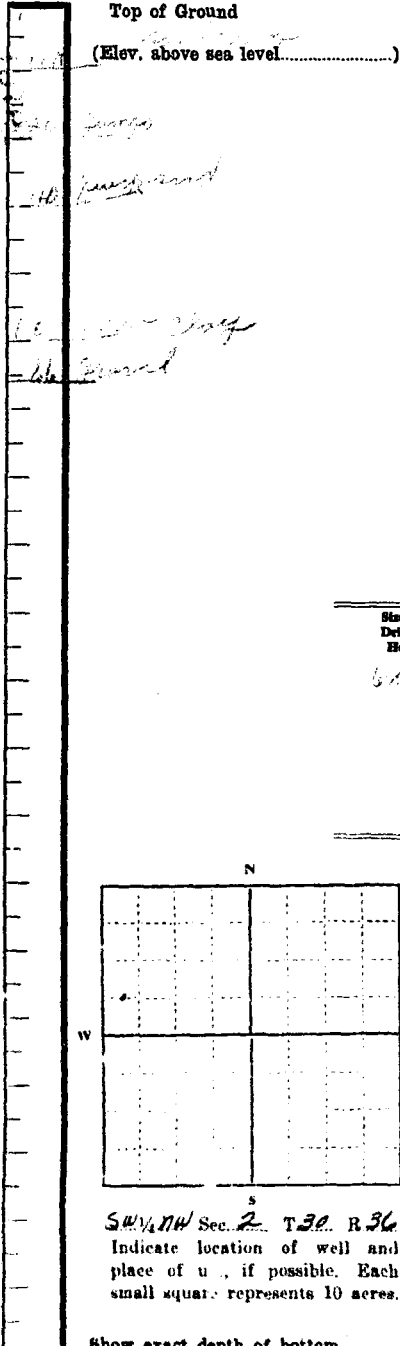
Date of Notice of Appropriation of Groundwater .....

Date well started Nov 6 Date Completed Nov 7

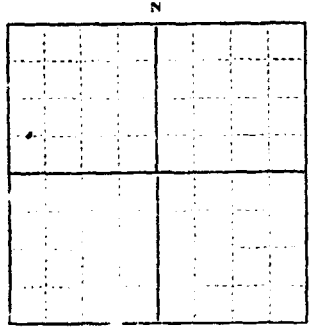
Type of well ..... Equipment Used Rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in	6-75 7-10 10-12 D					



S.W. 1/4 NW Sec. 2 T. 30. R. 36  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 24 ft from top feet.

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

Pumping Water Level 30 feet at ..... gal. per minute.

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

How Tested slug test Length of Test 20 min

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) .....

Show exact depth of bottom.

Driller's License Number .....

Driller's Signature [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.

48004

19167

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

JAN 20 1965

at 2:30 o'clock P.M.  
Mary Ann [Signature]  
County Recorder  
By [Signature] Deputy

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELLS

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

Developed after January 1, 1962

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

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

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

United States  
Bureau of Reclamation

Owner Bureau of Reclamation

For Administrator's Use

Address Great Falls, Montana

File 20758

Date well started 1-6-73

APR 13, 1973

completed 1-13-73

GW 1120.A.M.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

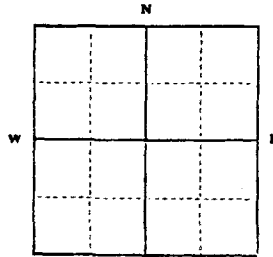
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 in.	4 1/2 ID 6 3/4 lb. Gale	0	77			



Static water level 15 ft.\*  
Pumping water level 20 ft.\*  
at 16 gallons per minute,  
measured ... minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by backing  
for 2 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

LOT 6

1/4 1/4 Sec. 2  
T. 30 N. R. 36 E.  
S W

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

Driller's Signature Roderick Erickson

XX Roderick Erickson

Driller's Address Beau, Montana

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	30	Brown sand
30	38	Blue sand
38	50	Blue clay
50	75	Sand & Coal
75	77	Gravel and sand, water

LICENSE NO. 220

77 ft. Show exact depth of bottom

52206

20758

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

APR - 3 1973

at 11:20 o'clock A.M.  
Mary Ann Eide  
County Recorder  
By Mary Ann Eide Deputy



File No. ....

RECEIVED  
JAN 20 1963

T. 30 R. 36

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner *W. S. Bowen* Address *Missoula, Mont*

Driller *Water Sues* Address *Glasgow*

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

Date well started *Sept 20* Date Completed *Sept 21*

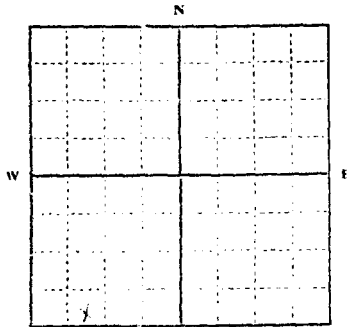
Type of well *drilled* Equipment Used *rotary*  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>1 1/2"</i>	<i>7 1/2" pipe</i>					



S.W. 1/4 Sec. 3 T. 36 R. 36  
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 *5-6 from top* feet.

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

Pumping Water Level *8* feet at *15* gal. per minute.

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

How Tested *knumped* Length of Test *1 hr.*

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).....

*44*  
Driller's License Number  
*Water Sues*  
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.

437330  
437331

17921

STATE OF MONTANA }  
County of Valley }  
Filed for

OCT 25 1962

2:45 P.  
Mary Lou Little  
County Clerk  
Pauline Jackson Deputy

File No. ....

T. 30 R. 36

DUPLICATE

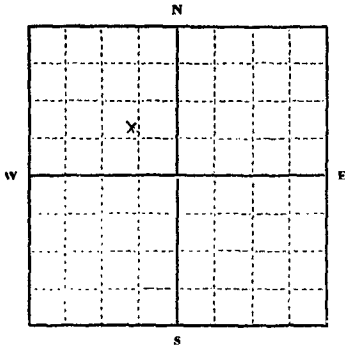
County Valley

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. Willis Row Bowen, of Hamada (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. 4, T. 30, R. 36

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. approximately 25 years  
continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 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. 4 inch cylinder electric motor on pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown to me well was here when I came

8. The depth of water table. 45 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

65 ft well to general depth along this river bottom

10. The estimated amount of groundwater withdrawn each year / gallon per minute. 5,475.00

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

no available to me further information

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

no information to me

Signature of Owner Willis Row Bowen

Date Dec 30 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.

37918

438873

18305

STATE OF MONTANA  
County of Valley

DEC 30 1963

*M.L.*  
MARY LOU EIDE Clerk & Recorder  
Valley County

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

T. 50 R 36

DUPLICATE

County Zaunoy

STAT. OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

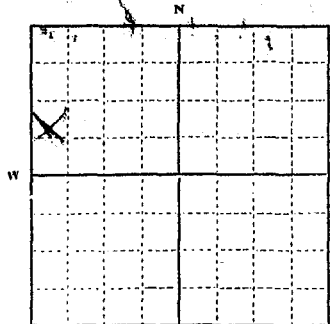
JAN 16 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Hill, of Box 215, Wynona  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 4 T. 30 R 36

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

2. The beneficial use to which the claim is based for stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been well in use since 1943

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 for garden approx one acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater in the year of 1943

8. The depth of water table 7 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

10. The estimated amount of groundwater withdrawn each year 43,000

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available

Signature of Owner Frank Hill  
Date Jan 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.

439203

18615

DEC 1 1950

4.00 P

LIBRARY OF THE CONGRESS

File No. ....

T. 30 R. 36 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

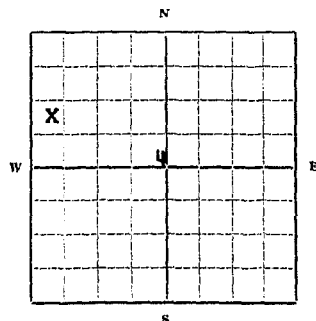
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
STATE ENGINEER

Valley County

1. Hinsdale Special Improvement Dist. No. 1 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:



1/4 Sec. 4 T. 30. R. 36E

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  
Town of Hinsdale

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952  
Constant use;

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons a 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  
Town of Hinsdale Special Improvement District No. 1

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Pumping well  
NWSNW Sec. 4, T. 30, Rge. 36E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Started November 1951  
Completed February 1952

8. The depth of water table 30 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  
Diameter 6 ft. curbing  
Depth 30 ft.

10. The estimated amount of groundwater withdrawn each year 19,000,000 gallons

11. The log of formations encountered in the drilling of each well if available  
gumbo and clay down to and through the water vein to 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 *Maurice Arnold*  
Chairman, Valley County Commissioners  
Date February 8th, 1962

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

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

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

1476

426923

17195

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

FEB 13 1962

at 8:30 o'clock A.M.

Mary Ann Cook  
County Recorder

By Pauline Jacobson Deputy



G

File No. ....

DUPLICATE

T 32 R 36

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

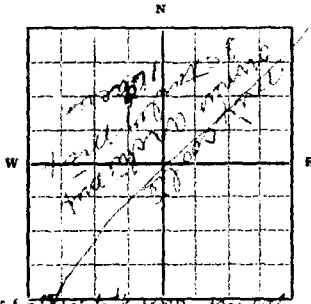
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Give water to Archie M. ...

1. Archie M. ... (Name of Appropriator) of H. ... (Address) ENGINEER (Town)

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



10-11-12-13-14-15-16-17-18-19-20  
21-22-23-24-25-26-27-28-29-30  
South 1/4 of Sec. 6, T. 32, R. 36

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 flood irrigation  
Surface down on map shown at left.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 date of water rights  
continuous use by the family.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 cubic feet per year  
and over.

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. one hundred fifty cubic feet  
and over  
spread over about 40 acres or more.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal runs down  
shown at left, on map in  
code shown at left.

7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater surface water system completed this water  
was installed a year ago and commenced using this water  
for flood irrigation in the year 1930.

8. The depth of water table is 10 to 15 feet down this side of foot deep  
when down as it should.

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 surface water runs  
down the side of the hill at about 100 feet  
to 200 feet to allow that it rains as it should.

10. The estimated amount of groundwater withdrawn each year 150 cubic feet, year  
to claim at the mouth of river.

11. The log of formations encountered in the drilling of each well if available water runs  
down the side of the hill at about 100 feet  
to 200 feet to allow that it rains as it should.

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 see code for more information  
and the county record at the county clerk's office  
for more information.

Signature of Owner Archie M. ...  
Date January 2, 1962

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

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

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

426690

1717

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

JAN 29 1967

at 3:30 o'clock P.M.

Grant Lee Cook  
County Recorder

By Pauline Robinson Deputy

File No. ....

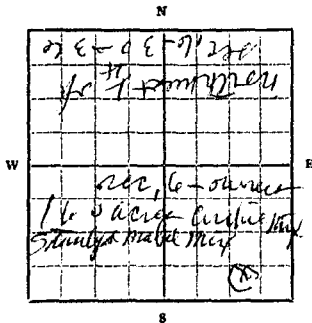
Sec. T. 30. R. 36  
County Valley

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Archie, Mabel & Stanley paid for this land  
Archie, Mabel & Stanley 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:



21.6 - 1/4 of Sec. 6, T. 30 R. 36

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 drilled well  
stock water well
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 - finished  
was used for stock and other
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) all the water in well
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof stock water
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1949 finished and started using  
water
- 8. The depth of water table it comes up in well 75 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 10 inch pipe drove down  
as drill went down well 2 hundred and 2 feet  
deep
- 10. The estimated amount of groundwater withdrawn each year all the water
- 11. The log of formations encountered in the drilling of each well if available drill went through  
granite then sand pocket then flat of way  
then shale water under shale, not very heavy  
being
- 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 see book and page of this well in  
county records  
same water rights on this well was 1948  
was used for stock and other

Signature of Owner Archie Mabel  
signed Date January 1st 1962

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

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

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

426689

17178

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

Filed for record

JAN 29 1962

of 334 Book P. M.  
Mary Lou Cook  
County Recorder  
By Pauline Jacobsen Deputy

File No.....

T..... R.....

DUPLICATE

County.....

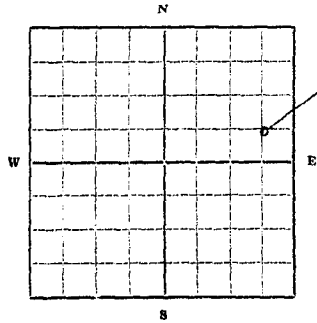
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
STATE ENGINEER

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

1. William J. Court of Minneapolis  
(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 Sec. 12, T. 11 N., R. 33 E.

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

- 2. The beneficial use on which the claim is based Stock raising
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well on NE 1/4

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1962
- 8. The depth of water table 100 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 10 gal. per min. well
- 10. The estimated amount of groundwater withdrawn each year 10 gal.
- 11. The log of formations encountered in the drilling of each well if available see log
- 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 William J. Court  
Date 1-25-62

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

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

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

432888

17614

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

(filed for record)

JAN 29 1963

3:00 P.M.  
Mary Ann Eide  
County Recorder  
By Andrew Jacobson

File No. ....

T 30 N. R. 36 E. M.M. 18

QUADRUPPLICATE Duplicate

LOG

County Yellow

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

RECEIVED MAY 25 1965 STATE ENGINEER

Top of Ground

(Elev. above sea level 3100)

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

(Under Chapter 237, Montana Session Laws, 1961)

20- 17 Yellow Clay + Blue Shale  
17- 55 Sandy Yellow Clay  
55- 70 Blue Clay  
70- 75 Sandstone + water  
75- 85 Sandstone + Gray shale some water

Owner William Court Address Helena

Driller Carl Palm Address Saco

Date of Notice of appropriation of groundwater 5/24/65

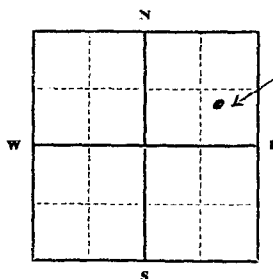
Date well started 5/10 Date completed 5/14/65

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	5 1/2" 10	TOP	85	1 x 6"	75	85
	11 00 020					



Static Water Level for non-flowing well 67 feet.

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

Pumping Water Level 21 feet at 2.6 gal. per minute.

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

How Tested Logging

Length of Test 2 hr

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

NE 1/4 Sec. 18 T. 30 R. 36  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Gravel packed  
Dr. Inman well casing  
from 60 to 85

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Ac-25  
Driller's License Number

Carl Palm  
Driller's Signature

5/14/65

19269

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

Filed for record

MAY 24 1965

at 11:00 o'clock A. M.

Mary Lee Cook  
County Recorder

By Dora Chisum Deputy



19269

19269

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

MAY 24 1965

at 11:00 o'clock A. M.  
Mary Lou Burke  
County Recorder  
By David Adams Deputy

File No. ....

DUPLICATE

T. 30 R. 36

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

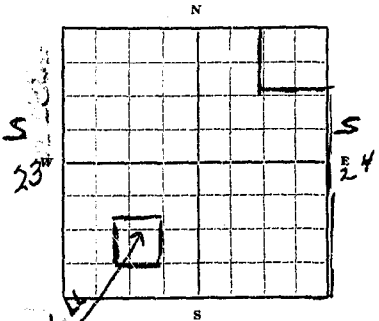
RECEIVED  
DEC 10 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Ina & Erick Kubi, of P.O. Box 306, 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 SE Sec. 23 T. 30 R. 36  
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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 CONTINUOUS
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 Gal per day
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill & Electric Motor

- 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 218 Feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6 inch
- 10. The estimated amount of groundwater withdrawn each year 180000 Gal
- 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 Erick Kubi  
Date Dec 9, 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 School of Mines and Quadruplicate for the Appropriator.

438146

17960

STATE OF MONTANA  
County of Yellowstone  
Filed for record

DEC 9 1965

11:30

Mary Ann O'Neil  
Caroline Peterson

File No. ....

DUPLICATE

T. 30 R. 36

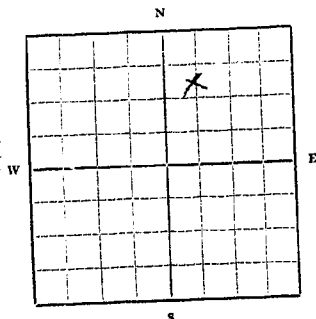
County VALLEY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 19 1963  
STATE ENGINEER

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

1. **JOHN J. LOBERG** of **HINSDALE, MONTANA**  
(Name of Appropriator) (Address) (Town)  
County of **VALLEY** State of **MONTANA**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



**NONE**  
..... 1/4 Sec. **26** T. **30** R. **36**

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 ..... **liveatock**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..... **Approx. 1929 (fall)**
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 ..... **Pump**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ..... **Fall of 1929**
8. The depth of water table ..... **35 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 ..... **110 feet deep 6 inch galvanized casing**
10. The estimated amount of groundwater withdrawn each year ..... **182,500 gallons**
11. The log of formations encountered in the drilling of each well if available ..... **Not known**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record ..... **None**

Signature of Owner *John Loberg*  
Date **12-16-63**

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

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

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

438378

18018

DEC 15 1963

3:30

Mary Lou Eide  
Pauline Jacobson

File No. ....

T. 30 R. 36

DUPLICATE

County VALLEY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

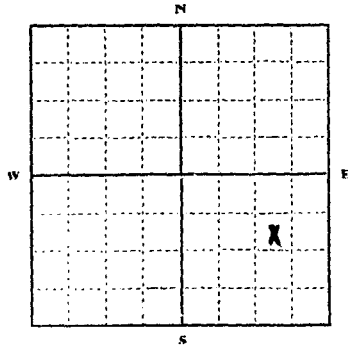
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EVELYN KOSKI, 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:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 - intermittent

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.  
Electric pump - located per map

NE 1/4 SE Sec 29 T. 30 R. 36

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. 1956

8. The depth of water table. 75 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. 175' deep, 4" casing, 1 1/2" pipe

10. The estimated amount of groundwater withdrawn each year. 300,000 gallons per year

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 Evelyn Koski

Date December 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.

36961

439121 18535

DEC 31 1963

*1145* *2*  
MARY LOREN [unclear] Recorder

RECEIVED  
JUN 11 1973

County Valley  
DRILLER'S LOG 33

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

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

Owner John Parteen  
Address HINS DALE MONT.  
Date well started 5-30-73  
completed 6-11-73

For Administrator's Use	
File	<u>20786</u>
Date	<u>June 11, 1973</u>
GW 1	<u>2:30 p.m.</u>

Type of well drilled  
(Dug, driven, bored or drilled)

Equipment used CHURN  
(Churn drill, rotary or other)

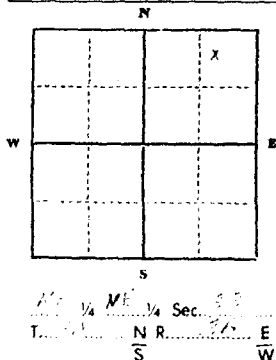
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7/8"</u>	<u>4 1/2" ID GALV 6 3/4" LBS</u>	<u>TOP</u>	<u>157</u>	<u>Acetylene welder</u>	<u>130</u>	<u>152</u>



Static water level 117 ft.\*  
Pumping water level 127 ft.\*  
at 12 gallons per minute,  
measured 40 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by BALING  
for 2 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)  
GRAVEL PACKED  
BETWEEN WELL AND  
CASING FROM 90 FT  
TO BOTTOM

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

Driller's Signature Richard Erickson  
Driller's Address SACO MONT.

LICENSE NO. 220

Top of Ground (Elev. above sea level) 2340

From (Feet)	To (Feet)	
<u>0</u>	<u>45</u>	<u>BROWN SANDY CLAY</u>
<u>45</u>	<u>46</u>	<u>SAND &amp; WATER</u>
<u>46</u>	<u>114</u>	<u>hard BLUE CLAY</u>
<u>114</u>	<u>132</u>	<u>SAND STONE</u>
<u>132</u>	<u>137</u>	<u>BLUE CLAY</u>

157 Show exact depth of bottom



20786

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

JUN 11 1973

at 2:30 o'clock P. M.  
Mary Lou Cole  
County Recorder  
By Mary Cole Deputy



GW

Approved Stock Form—State Publishing Co., Helena, Montana, 1968

File No. ....

T. Valley  
PHILLIPS  
County Valley

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1968

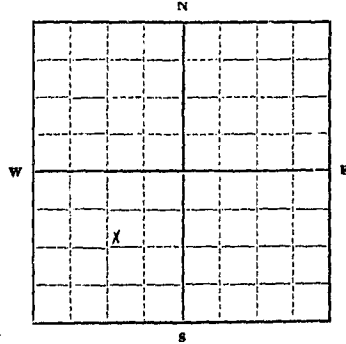
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Irene Buyle Baker of Box 648 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:



NE 1/4 SW Sec. 1, T. 32 R. 32

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 Stockwatering Garden irrigation, and household uses.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908

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 1 acre garden or potatoes

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 1908

8. The depth of water table 26 to first water - 12 ft intervals

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 20 ft 4 in curb pipe (casing)

10. The estimated amount of groundwater withdrawn each year 365,000

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

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 Irene Buyle Baker

Date Dec 9, 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.

8548

438161

17963

STATE OF MONTANA  
County of Valley

DEC 9 1963

415 P.  
Mary Lou Gude  
Pauline Jocalson

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

T. 30 R. 37

DUPLICATE

County Valley

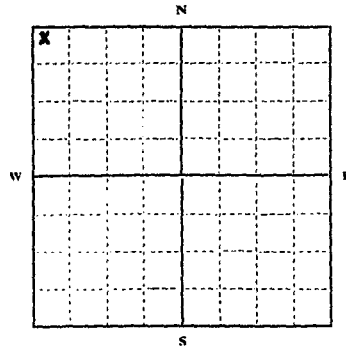
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights  
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Betz Ranch Inc., of Vandalia  
(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 of NW Sec. 1 T. 30 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1951 6 mos. use  
Annually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 Gallons per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 5" cylinder pumpjack & Motor;

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Ref. to item 3;

8. The depth of water table. unknown Type of water table 13 (Ehrtson) feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4' dia. 17' deep Hand dug

10. The estimated amount of groundwater withdrawn each year. 3,110,400 Gals.

11. The log of formations encountered in the drilling of each well if available. 10' dia. Bal. 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 Betz Ranch Inc.

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.

36922

439082

18496

DEC 31 1968

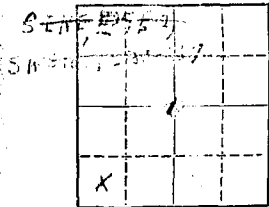
MARY *11.00* *Q*  
... ..  
... ..



T. 30 N R 37 E 1  
 County Valley

STATE ENGINEER **MONTANA BUREAU OF MINES AND GEOLOGY**  
 Butte, Montana

**WATER WELL LOG**



Owner George J. 1920 Address Hindale  
 Driller Carl Palm Address Saco  
 Date Started 7-27-57 Date Completed 7-29-57  
 Location: Sec. 1 T. 30 R. 37 1/4 sec. SW 1/4

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

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

Casing: Top ft. to 57 ft. Type Steel Size 6" O.D.  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

Type of screen or perforations \_\_\_\_\_  
 Static Water level, for non-flowing well: 30.37 30.00 Top feet.

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

Pumping water level: 50.37 feet at 10 gal. per min.

How tested: height raised per min

Length of test: 2 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	
Top	32.75	Yellow Clay
32	44	Sand & Gravel
44	46	Blue Clay
46	55	Sand
55	57	Gravel

Spec. No.

396764

15587

George Ziegler  
 To  
 Montana Bureau of  
 Mineral & Geology

STATE OF MONTANA,  
 County of Valley.

Filed for record  
 at SEP 13 1957  
 9 o'clock AM  
 May J. S. ...  
 County Recorder.

By *[Signature]*  
 Deputy.



GW 3

File No.....

DUPLICATE

T. 30 N 37 E

County..... Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

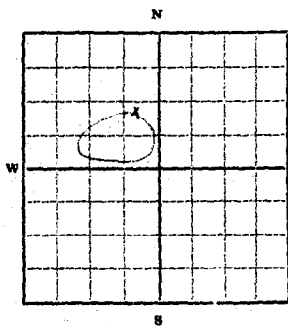
RECEIVED  
DEC 20 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ..... 1937 .....  
Owner Irene R. Baker. Address Box 648 - Glasgow  
Contractor (if any) ..... not applicable .....  
Address of Contractor ..... not applicable .....  
Date Started ..... not applicable ..... Date Completed ..... not applicable .....



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth water when applicable. natural springs are located in creek. Six inch capacity pump used to lift water

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 20 acres 6 inches of water at one pumping; twice a year

SE 1/4 NW Sec 2 T. 30 R. 37  
Indicate point of appropriation and place of use, if possible.

Signature of Owner Irene R. Baker  
Date Dec 17, 1963

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

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

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

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

438432

18041

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

DEC 18 1963

at 8:00 o'clock P.M.  
Mary Lou Galt  
Catherine Jacobson, Deputy

File No. ....

T. 30 N. R. 37

DUPLICATE

County Valley

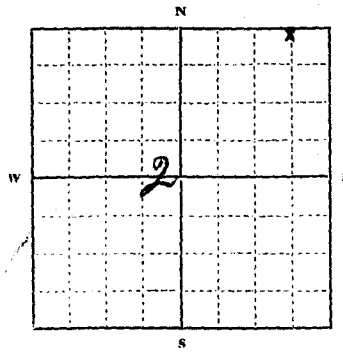
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Betz Ranch Inc., of Valdavia  
(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 Sec. 2 T. 30 N. 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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951; 6 mos. Annually
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 Gallons per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 5' cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 20 1953

8. The depth of water table unknown; Top of water table 13' (24 in.) feet

9. So far as it may be available, the type, size, and depth of each well and the general specifications of any other works for the withdrawal of groundwater 5' dia. 10' deep

10. The estimated amount of groundwater withdrawn each year 3,110,400 Gals.

11. The log of formations encountered in the drilling of each well if available 10' dirt Bot. 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

Betz Ranch Inc.  
Ray J. Betz  
Signature of Owner  
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.

439089

18503

REC 31 1961

MARY LOU

border

File No. ....

T. **30N R 37 E.**

**DUPLICATE**

County **Valley**

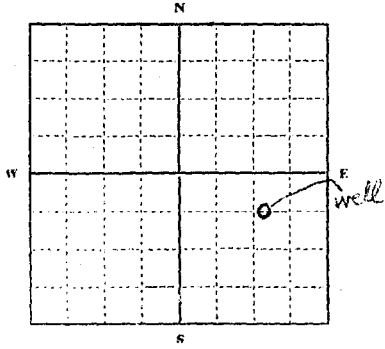
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 15 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **George and Esther Zeiger**, of **Vandalia**  
(Name of Appropriator) (Address) (Town)  
County of **Valley** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



- 2. The beneficial use on which the claim is based. **livestock, garden irrigation, and domestic.**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **September 1, 1957**
- 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 **1/4 acre of garden adjacent to farm home of appropriators, at site shown in plat.**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **pump with electric motor (pressure system)**

NW 1/4 SE 1/4 Sec. 2 T30N R 37 E.M.M.

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. **September 1, 1957**
- 8. The depth of water table. **30 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. **6" drilled well, 57 feet deep, electric motor driven pressure system.**
- 10. The estimated amount of groundwater withdrawn each year. **480,000 gallons per year**
- 11. The log of formations encountered in the drilling of each well if available. **32 feet yellow clay; 12 feet sand and gravel, 1 foot blue clay, 10 feet sand, and 2 feet 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.

*Plat file No. 15587 on Sept 13 1957*

Signature of Owner *George Zeiger*

Date **December 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 one duplicate for the Appropriator.

439182

18595

STATE OF MONTANA, } ss.  
County of Valley.

Filed for receipt

DEC 31 1963

3:40 o'clock P. M.  
Notary Public for the County of Valley  
By \_\_\_\_\_ Deputy

County Valley 5

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Morgan Bros Ranch Co  
Address Hinsdale  
Date well started 11-30-70 completed 12-2-70  
Type of well Drilled  
Equipment used Churn  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

For Administrator's Use  
File 20470  
3-3-71  
GW 1

DRILLER'S LOG

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

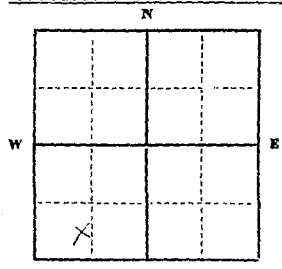
Top of Ground (Elev. above sea level) 2100

From (Feet)	To (Feet)	
0	21	BROWN SAND
21	37	BROWN CLAY
37	55	BLUE SAND
55	65	BLUE CLAY
65	75	SAND
75	77	COARSE SAND & GRAVEL

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4 1/2" ID 6 3/4" LB 6 1/4"	Top	77			



Static water level 15 ft.\*  
Pumping water level 37 ft.\*  
at 90 gallons per minute,  
measured        minutes after pumping began.  
\*Measured from ground level.  
Well developed by baling  
for 2 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

S.W. 1/4 S.1. 1/4 Sec. 5  
T. 30 N. R. 37 E

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

Driller's Signature Carl Palm  
Driller's Address Saco Mont

LICENSE NO. 25 77 Show exact depth of bottom

48204

20470

STATE OF MONTANA }  
County of Valley } 554  
Filed for Record

MAR - 3 1971

at 11:05 o'clock A. M.  
*[Signature]*  
County Recorder  
By *[Signature]* Deputy



GV

T. 30 R. 37

File No. ....

County Valley

DUPLICATE

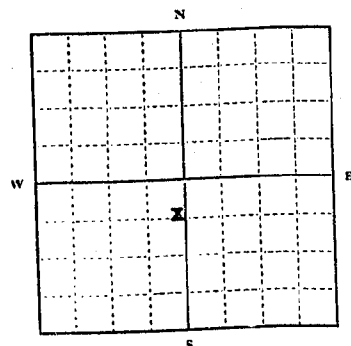
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. X Betz Ranch Inc., of Vandalia  
(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 & Household

3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been 10/8/58 Annually

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute)..... 8 Gals per min.

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

6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal 4" cylinder  
pumpjack motor;

NE 1/4 of SW Sec. 6 T. 30 R. 37.  
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 with-  
drawal of groundwater..... 10/15/63

8. The depth of water table 104 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 Machine (ohurn) dug 4" casing; Total depth  
155 feet.

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

11. The log of formations encountered in the drilling of each well if available 1-13 gumbo; 13-45 sandy-  
yellow clay; 45-98 Blue-clay; 98-103 shale; 103-134 Rock; 134-142 Sandstone  
water; 142-145 Rock; 145-155 Sand Stone water;.

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 Betz Ranch Inc  
Daryl J. Betz, President  
Date 12/31/68

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. 36927

439087

18501

DEC 31 1963

*11.00* *Q*  
MARY LOU E. Clerk & Recorder  
Valley

SW 3

File No. ....

FEB 10 1970

T. 30 R. 37

County: Valley

DUPLICATE

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)

Doc. No. 20334  
Filed for record  
this 9 day of February  
A. D. 19 70, at 1:15  
o'clock PM.

Date of Appropriation of Groundwater Feb. 9, 1970

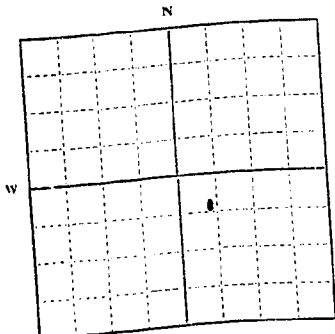
Owner Andy Strommen Address Vandalia, Montana

Contractor (if any) None

Address of Contractor

Date Started October 10, 1969 Date Completed October 10, 1969

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug with back hoe, water comes to ground level. I sank a 48 inch steel pipe into gravel continuous stack water pumping 10 gal a min. Pipe is 15 feet in ground.



W 1/2 of NE 1/4 Sec. 10 T. 30 R. 37

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. Tested to 1000 GPM -- Plan sprinkler irrigation in summer mos. Possible use of 3000 gpm on further enlargement of area - irrigation on parts of 8-3, 4, 9, 10. Amount of water was measured by two pumps of known capacity pumping at once

Signature of Owner Andy Strommen

Date Feb. 9, 1970

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.

71-20336

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

FEB -9 1970

at 1:15 o'clock P. M.  
*George L. ...*  
County Recorder  
*Spencer ...* Deputy