

GROUNDWATER INDEX

County Valley

Twp. 36.7

Rge. 2

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Loabson, Oscar	GW3	43821	
2	Wentby, Dale	GW3	438456	
3	Arbner, Arqual	GW4	438624	
6	Arbner, Arqual	GW4	438622	
9	Bocher, Haines	GW3	438596	
10	Wentby, Dale W.	GW2	19026	
10	Wentby, Dale W.	GW4	439155	
11	Cole, Norma B	GW4	439038	
12	Wentby, Dale	GW4	439157	
13	Munich, Mauris	GW4	439994	
13	St. Hermann, John B	GW4	439006	
15	Hallberg, Joseph J	1961	425410	
15	Hallberg, Joseph J	GW4	439133	
16	Hallberg, Joseph J	GW4	439132	
20	Hallock, Herbert A	GW4	439016	
20	Isba, Harry A	GW4	439262	
22	Hallock, Herbert A	GW4	439027	
22	United States Air Force	GW4	430850	
22	United States Air Force	<del>GW</del> 1958	15-856	
22	United States Air Force	GW4	479946	
22	United States Air Force	GW4	429945	
24	Hallock, Kenneth A & Ethel	GW4	439561	
24	St. Hermann, John B	GW4	439007	
25	Hallock, Kenneth A & Ethel	GW4	439565	
26	Hallock, Herbert A	GW4	439028	
26	Good, Elizabeth	GW4	439402	
27	Thompson, Walter	GW4	439574	
29	Hallock, Kenneth A	GW4	439564	
30	Bocher, Haines	GW4	439022	
30	Isba, Harry A	GW4	439258	
31	Isba, Harry A	GW4	439253	
34	Hallock, Kenneth A & Ethel	GW4	439563	
34	Isba, Harry A	GW4	439261	
35	Hallock, Kenneth A & Ethel	GW4	439562	
35	Good, Elizabeth	GW4	439408	
35	Wentby, Dale	GW4	439154	

File No. ....

T. 36 R. 40

DUPLICATE

County Yellowstone  
STATE ENGINEER  
DEC 13 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level 3000)  
0-14 Gravel  
14-30 Clay Mixture  
30-60 Blue Clay + Coal  
60-148 Sandy Blue Clay  
148-160 Sandstone + water

Owner Oscar Isakson Address Ophelim

Driller Carl A. Palm Address Saco

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

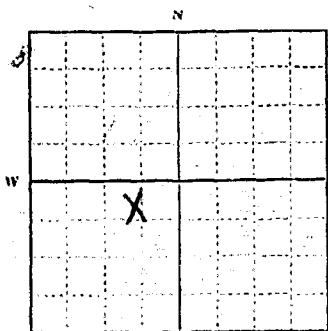
Date well started 10/20 Date Completed 11/2/63

Type of well Drilled Equipment Used Churn  
(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)
5"	4 1/2 ID 6750 6260	TOP	148			



NE 1/4 SW Sec. 3 T. 36 R. 40  
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 10.8 From TOP feet.

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

Pumping Water Level 125 feet at 13 gal. per minute.

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

How Tested balancing Length of Test 2 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) .....

Gravel packed from 148 To 160

No. 25  
Driller's License Number

Carl A. Palm  
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.

8982

438216

17973

STATE OF MONTANA  
County of Val

DEC 11 1963

3:00 P  
Mary Lou Bide  
Pauline J. Gibson

File No. ....

T. 36 N R. 40 E

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Well No. 6  
Ophelia AFS

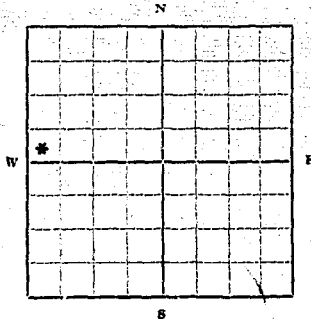
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)  
ALBERT F. STRAUB, Chief, Acquisition Branch, Real Estate Division,  
U.S. Army Engineer District, Seattle, for and on behalf of

STATE ENGINEER

1. THE UNITED STATES OF AMERICA, of 1519 Alaskan Way South Seattle 4,  
(Name of Appropriator) (Address) (Town)

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



SM 1/4 NW 1/4 Sec. 22 T. 36N R. 40E

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 To be used by United States AF for its personnel in official duty
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1959
- 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 Pumped from well as shown or described on well log

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced March 1959 - Completed April 1959

8. The depth of water table 232 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 8" - 330 feet

10. The estimated amount of groundwater withdrawn each year 16,133,000 Gallons

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

For and on behalf of THE UNITED STATES OF AMERICA through U.S. ARMY ENGINEER DISTRICT, Seattle, Real Estate Division  
Signature of Owner By: Albert F. Straub  
ALBERT F. STRAUB, Chief, Acquisition Branch  
Date

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

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

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

DEPARTMENT OF THE ARMY  
 Division North Pacific  
 Installation Seattle District

1. PROJECT  
Opheim A.F.S., Montana  
Water Supply

SHEET  
 OF 2

DRILLING LOG

3. HOLE NUMBER (As shown on drawing title and file No.)  
Well No. 6

2. LOCATION (Coordinates or Station)  
Southeast corner, Opheim AFS  
SW1/4, NW1/4, Sec. 22, T36N, R40E, MPM

4. DRILLING AGENCY  
J.R. Hillmeyer & Sons, Hogeland, Montana

5. ANGLE AND DIRECTION OF HOLE  
 VERTICAL ANGLE WITH VERTICAL \_\_\_\_\_ BEARING \_\_\_\_\_  
 INCLINED

6. THICKNESS OF OVERBURDEN  
4.8 ft.

7. DEPTH DRILLED INTO HOLE  
292 ft.

8. TOTAL DEPTH OF HOLE  
330 ft.

9. SIZE AND TYPE OF BIT  
8 inch, churn

10. MFR. DESIGNATION OF DRILL  
Eucyrus-Eric 22-W

11. ELEVATION TOP OF HOLE  
3204 (local) 3209.7 FSL

12. TOTAL CORE RECOVERY

13. DEPTH AND ELEVATION GROUND WATER  
Artesian

14. TOTAL CORE RECOVERY

15. DATE HOLE  
 STARTED 3 March 1959  
 COMPLETED 29 Apr. 1959

16. INSPECTOR(S)  
D.S. Potter (Constr. Div.)  
R. Galster (Engng. Div.)

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	BOX NO.	SAMPLE NO.	REMARKS (Water loss, drilling time, etc.)
3290	0					3 inch dia. casing
		Sl	silt & sandy silt, tan to buff, w/ occasional gravel			
3242	48		Top of rock			Hall Creek (Lance) Fr.
		sh	shale & siltstone, buff, light gray & light brown, soft			
3220	70					
		sh	shale & sandy shale interbedded, varicolored, dark gray to light brown, soft			
3209	81					
		ss	sandstone, shaly, light brn.			
3205	85					
		ch	shale, varicolored, dark gray to light brown to buff, soft			
3190	100					
		stn	siltstone, light brown to buff, soft			
3175	115					
		ss	sandstone, shaly, yellowish brown, fine grained			
3156	122					
		sh	shale, sandy, buff to brownish buff			
3160	130					
		ss	sandstone, shaly, light brown			
3156	134					
		sh	shale, gray			
3153	137					
		c	clay			
3150	140					
		sh	shale, gray, w/ occasional buff			
3111	179					
		c	clay			
3106	184					
		sh	shale, gray			
3122	168					
		sh	shale, gray			
3107	193					Edge of Hall Creek (Lance) Fr.

ENG FORM 1-58 1836

Opheim AFS, Mont.

Well # 6

385/71-12-06 SNT/1562

RG 18 MAY 59

DEPARTMENT OF THE ARMY  
 DISTRICT North Pacific  
 INSTALLATION Seattle District

ENGINEERING CENTER  
 Operation, Maintenance, and  
 Water Supply

SHEET 2  
 OF 2

DRILLING LOG (Continued)

1. LOCATION (Coordinates or Station)  
 See Sheet 1

ELEVATION	DEPTH	LEGEND	CLASSIFICATION OF MATERIALS (Description)	1 NO SCALE	2 NO SCALE	REMARKS (Water loss, drilled time, etc.)
3107	193					Top of Fox Hills sandstone
		SB	sandstone, fine to very fine grained, gray			
3082	200					Static water level 200 feet
3058	202					
		sh	shale, gray to blackish gray, silty			Artesian water level at 202 ft, 200 feet
						Artesian water level at 202 ft, 200 feet
3033	207					Artesian water level at 207 ft, 200 feet
		ss	sandstone, fine to medium grained, water bearing			
3010	216					
3010	217					Artesian water level at 217 ft, 200 feet
		ss	sandstone, fine to medium grained, water bearing			
2970	219					
2972	218					Artesian water level at 218 ft, 200 feet
		sh	shale, gray to blackish gray, silty			Top of Fox Hills sandstone
2965	205					Top of Borrow shale
2960	230					

ENG FORM 1836

385/71-12-06 SNT 2 of 2

429946

17457

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

JUL 27 1962

at 8:00 o'clock A. M.

Mary Ann Eide  
County Recorder

By Pauline Jackson, Deputy

File No. ....

County Valley

~~DUPLICATE~~

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Well No. 5  
Opheim AFS

RECEIVED

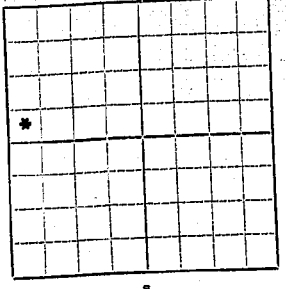
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)  
ALBERT F. STRAUB, Chief, Acquisition Branch, Real Estate Division,  
U.S. Army Engineer District, Seattle, for and on behalf of

STATE ENGINEER

1. THE UNITED STATES OF AMERICA of 1519 Alaskan Way South Seattle 4,  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NW 1 Sec 22 T36N R40E

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 To be used by United States AF for its personnel in official duty
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1959
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 27 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 Pumped from well as shown or described on well log

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced November 1953 - Completed January 1959

8. The depth of water table 130 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 8" - 330 feet

10. The estimated amount of groundwater withdrawn each year 14,191,000 Gallons

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

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.

For and on behalf of THE UNITED STATES OF AMERICA through U.S. ARMY ENGINEER DISTRICT, Seattle, Real Estate Division  
Signature of Owner By: Albert F. Straub  
ALBERT F. STRAUB, Chief,  
Acquisition Branch  
Date: \_\_\_\_\_

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

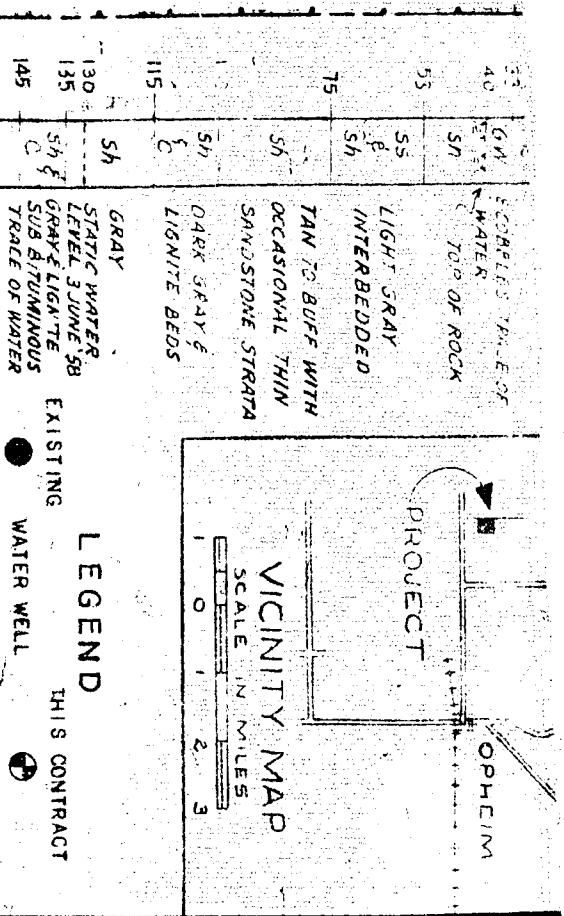
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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



429945

17458



STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

JUL 27 1962

at 8:00 o'clock A. M.

Mary Lou Cude  
County Recorder

By Pauline Jacobsen Deputy

Form No. 18  
8-60

T. 36 R. 40  
County Wally

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log


Owner Joseph Steelhug Address Aphelin  
Driller Sullivan Hornrod Address Aphelin  
Date Started Sept 14, 1961 Date Completed Sept 14, 1961  
Location: Sec. 15 T. 36 R. 40  $\frac{1}{4}$  sec. NE quarter

Type of well D.M.C. Equipment used Backhoe  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

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

Casing: 13 ft. to \_\_\_\_\_ ft. Type culvert Size 5 feet

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 perforation 5 feet down for 3 feet

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

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

Pumping water level 10 feet at about 20 gal. per min.

How tested: pump

Length of test pumping for cattle

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

no

\_\_\_\_\_

(over)



RECEIVED  
JUN 24 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. \_\_\_\_\_ R. \_\_\_\_\_  
County Valley

WATER WELL LOG


Owner U. S. Air Force Address Opheim  
 Drillers S R Billmeyer & Sons Address Hogeland  
 Date Started Fri May 12<sup>th</sup> 58 Date Completed May 20/58  
 Location: Sec. 22 T. 36 R. 46 1/4 sec SW 1/4 SW 1/4

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

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

Casing: 333.8 ft. to 1.1 ft. Type Black Steel Size 3" I.D.

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

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

Perforated or Screened: Ft. 32? to ft. 32? Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Parting tool cutting teeth

Static Water level, for non-flowing well: 85' feet.

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

Pumping water level 300 feet at 30 gal. per min.

How tested: Turbine Pump

Length of test 100 Hrs.

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

18" Hole was drilled and 2" casing was  
Gravel packed

(over)



File No.

T. 36 N R. 40 E  
County *Hell*

DUPLICATE

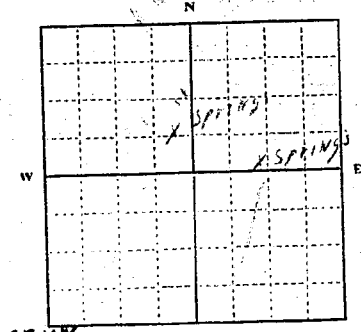
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, *Arlis Westly*, of *Opheim*,  
(Name of Appropriator) (Address) (Town)  
County of *Hell* State of *Mont*  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW NE  
1/4 Sec. 2 T. 36 R. 40

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

- The beneficial use on which the claim is based *Stock watering*
- Date or approximate date of earliest beneficial use; and how continuous the use has been *Natural flow*
- The amount of groundwater claimed (in miner's inches or gallons per minute) *Unknown*
- 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*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *both are springs*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Natural flow*
- The depth of water table *surface*
- 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 *Water of surface*
- The estimated amount of groundwater withdrawn each year *unknown flow is variable*
- The log of formations encountered in the drilling of each well if available *unknown*
- 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 *Arlis Westly*  
Date *31 Dec 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.

36994

439156 18569

DEC 22 1963

2:30 P.

MARY LOU [unclear] Recorder

Yale Univ.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41436

File No. ....

T. 36 R. 40

DUPLICATE

County Valley

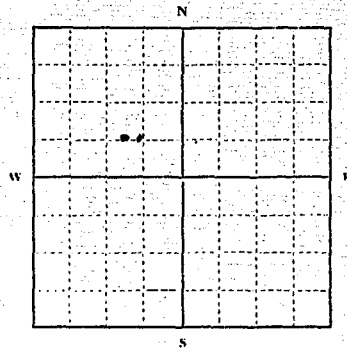
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ingral Jackson of Box 235 Opheim  
(Name of Appropriator) (Address) (Town)  
County of Valley State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 NW 1/4 Sec. T34 R40

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 wells

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1933 unknown 1953 - 12 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 pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1 well 1953 1 pump

8. The depth of water table well 60 ft (water table unknown) well 100 ft deep in 60 water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1953 well - 100 ft 1933 well - 60 feet

10. The estimated amount of groundwater withdrawn each year unknown

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 Ingral Jackson

Date 12-23-63

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.





File No. ....

T. 36 R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

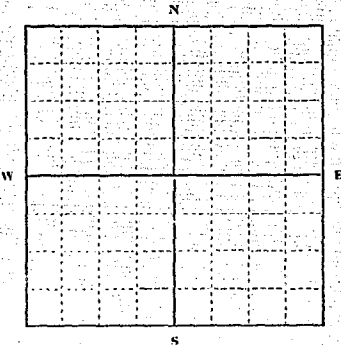
DEC 30 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Ingrval Jackson, of Box 235 Ophelm  
(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 24 20 Sec. 6 T. 36 R. 40

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

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Spring - flows some all year around.

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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 Ingrval Jackson

Date 12-23-63

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.

438622

18123

STATE OF MONTANA }  
County of Valley }

Filed for record.

DEC 23 1962

<sup>3.00</sup> *P*  
MARY LOU EIDE Clerk & Recorder  
Valley County

*Dorlene Jaschke*

RECORDED  
INDEXED  
DEC 23 1962  
VALLEY COUNTY

RECORDED  
INDEXED  
DEC 23 1962  
VALLEY COUNTY

File No. ....

T. 36 R. 40  
County VALLEY

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

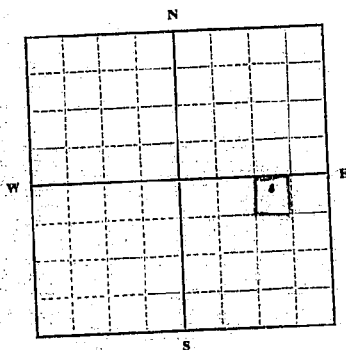
RECEIVED  
DEC 30 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... APRIL 1946  
Owner... HARRIS BECKER Address... OPHEIM, MONT.  
Contractor (if any) ... NONE  
Address of Contractor .....  
Date Started..... Date Completed.....



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

A NATURAL SPRING WITH A BODY OF WATER 60 FEET IN DIAMETER AND 4 FEET DEEP

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. USED

FROM MIDDLE OF APRIL TO MIDDLE OF DECEMBER FOR 100 HEAD OF LIVESTOCK

78.4 SE Sec. 9 T. 36 R. 40  
Indicate point of appropriation and place of use, if possible.

Signature of Owner... Harris Becker  
Date... December 21, 1963

This form to be prepared by contractor (if any), otherwise by the owner.  
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

15484

438596

18111

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

Filed for record

DEC 23 1963

<sup>10.00</sup>  
MARY LOUISE Clark & Recorder  
Valley County

*Pauline Johnson* Deputy

GW 2

Approved Stock Form--State Publishing Co., Helena, Montana--3931

File No. ....

T. 36 N. R. 40 E. S. 10

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
AUG 27 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ado W. Wealthy Address Upper

Driller Gene Eckhardt Address Highland

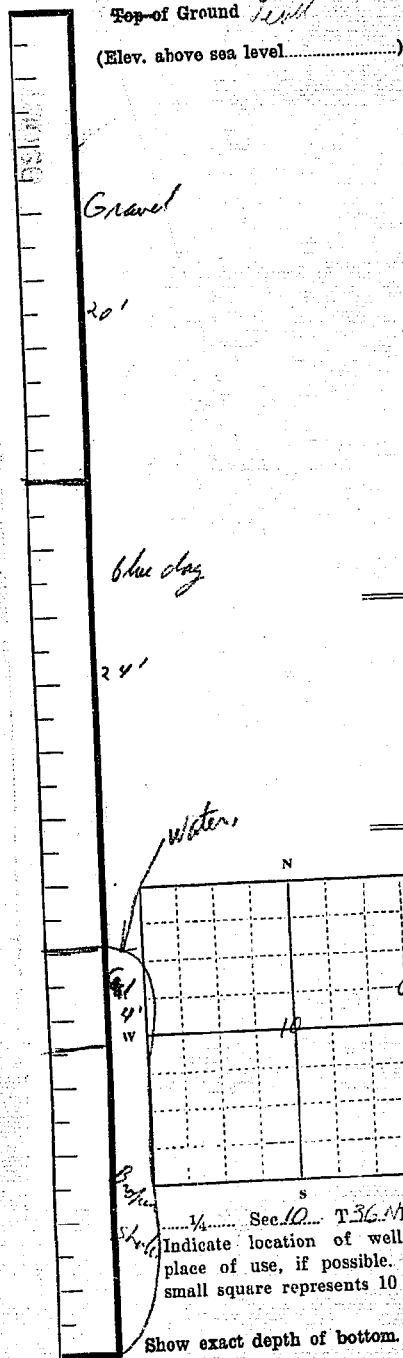
Date of Notice of Appropriation of Groundwater 26 June 1964

Date well started 26 June 1964 Date Completed 28 June 1964

Type of well bored Equipment Used bucket  
(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)
18"	2" wood	bottom	40 feet	7/16	bottom	32'
	12" tile	12'				
	1/2 steel	8'				

Static Water Level for non-flowing Well 34' from gravel level feet.

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

Pumping Water Level 42' from gravel level feet at 10 gal. per minute.

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

How Tested lift pump Length of Test 3 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 \_\_\_\_\_

Gene Eckhardt  
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.

38407

19026

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

Filed for record

AUG 25 1964

at 2:00 o'clock P M.  
Mary Lou L. Lick  
County Recorder  
By Anna Olson Deputy

GV

File No.

T. 36 N. R. 40 E.

DUPLICATE

County: Valby

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

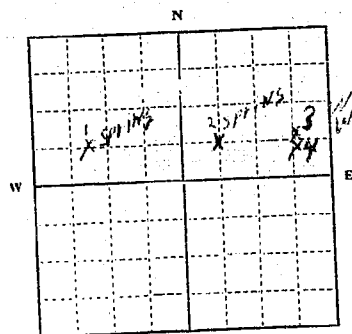
JAN 16 1964

ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Westby, of Ophir,  
(Name of Appropriator) (Address) (Town)  
County of Valby, State of Montana,  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



#1 Spring SWNW<sup>s</sup>  
#2 " SWNE  
#3 SE 1/4 Sec 10 T. 36 N. R. 40 E.  
#4  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based: 3 wells Watering stock 4 hours
- Date or approximate date of earliest beneficial use; and how continuous the use has been: 3 wells 1910  
Well 4 well 1936
- The amount of groundwater claimed (in miner's inches or gallons per minute): 3 wells 6 gallons  
Well 4 well 5 gallons
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Ground for Irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 & 4 pumps  
Well 4
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 4 well 1950 JAN Feb 1951 3 well 1910 June
- The depth of water table: 3 well 50 Feet Well 4 well 30 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4 The Well 6" dia 3 well 36"  
30 feet 5.0 feet  
Spring 1 & 2 use Natural Flowing
- The estimated amount of groundwater withdrawn each year: Well 4 30,000 Well 3 30,000
- The log of formations encountered in the drilling of each well if available: Impure sand
- 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: Opinion of

Signature of Owner: Westby  
Date: 1 Dec 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.

36992



439155

18568

18568 1963

230

P

MARY LOU STATE Clerk & Recorder



File No. ....

T. 36 R. 40

DUPLICATE

County Valley

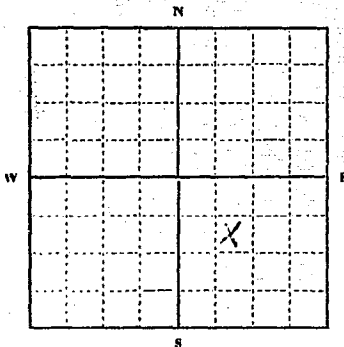
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Verma B. Cole, of Opheim Box 95  
(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:



M. 14 SE. Sec. 11, T. 36 R. 40

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

- 2. The beneficial use on which the claim is based. *This is a spring to water cattle & stock*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *It has been used to water stock since 1910 for at least seven mo. each year*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *do not know will water 50 head of stock daily*
- 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. *only used in pasture for stock*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *just a natural spring and water just naturally seeps at ground level*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *no wells*
- 8. The depth of water table. *no wells, spring atop 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. *no wells*
- 10. The estimated amount of groundwater withdrawn each year. *do not know*
- 11. The log of formations encountered in the drilling of each well if available. *no wells*
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner *Debra Ann Cole*

Date *Dec 28 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.

36889



File No.

T. 36 R. 40

DUPLICATE

County Valley

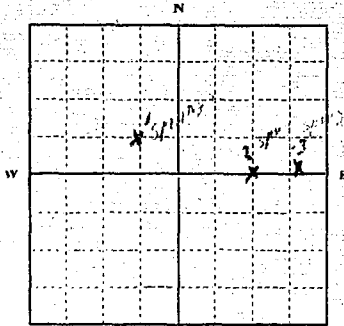
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 NE Sec. 12 T. 36 R. 40

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

- 2. The beneficial use on which the claim is based Stock Watering
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Noted above
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) for domestic
- 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 both are
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Noted above
- 8. The depth of water table 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 Wells & surface
- 10. The estimated amount of groundwater withdrawn each year Noted above
- 11. The log of formations encountered in the drilling of each well if available Noted above
- 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 Arlo Westby  
Date 31 Dec 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.

36995

439157

18570

UNITED STATES  
POSTAL SERVICE

DEC 3 1963

2:30 P.M.  
MARY LOUISE B. [unclear]  
[unclear]

File No. ....

T. 36<sup>th</sup> 40<sup>th</sup> E 13<sup>th</sup>  
R. Valley  
County

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

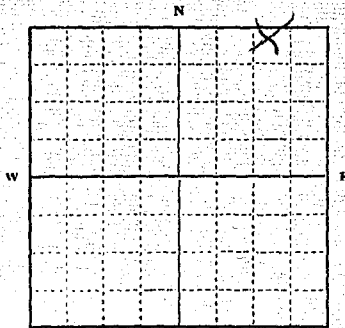
R  
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Morris Munger, of Opheim Opheim  
(Name of Appropriator) (Address) (Town)

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



NENE 13 36 40  
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 home & stock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been for home & stock 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) don't know

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 Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949

8. The depth of water table 43 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 2 1/2 in. hole 20 ft

10. The estimated amount of groundwater withdrawn each year don't know

11. The log of formations encountered in the drilling of each well if available gravel & 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 Morris Munger  
Date Dec 30 1965

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. 38033

438994

18421

RECORDED  
INDEXED  
FEBRUARY 1968

DEC 30 1968

3:30 P.M.

MARY LOU EIDE Clerk & Recorder  
Valley County

File No. ....

T 36 R 40

County Valley

DUPLICATE

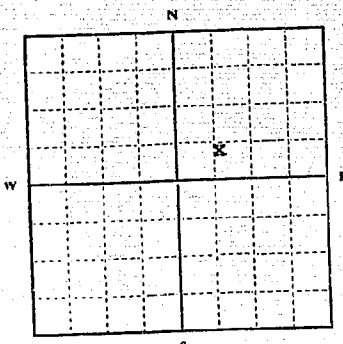
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1960)

JAN 17 1964  
STATE ENGINEER

1. John B. St. Germain of Opheim, 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:



SWSW 1/4 Sec. 13 T36 R40

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

- The beneficial use on which the claim is based... residential and cattle.
- Date or approximate date of earliest beneficial use; and how continuous the use has been... About 1916, continuous use.
- The amount of groundwater claimed (in miner's inches or gallons per minute)... 1,500 gallons per day
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... Not applicable.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Natural spring.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Not applicable.
- The depth of water table... Average depth in this area, 50 feet. At spring, 0.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Not available.
- The estimated amount of groundwater withdrawn each year... About 360,000 gallons per year.
- The log of formations encountered in the drilling of each well if available... Not available.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... None.

Signature of Owner John B. St. Germain

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.

38045



439006

18433

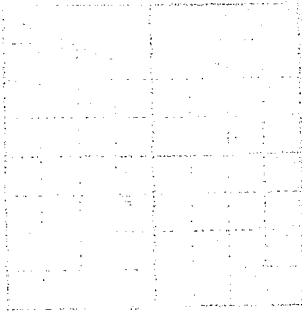
STATE OF OREGON  
County of Valley

DEC 30 1963

3:30

12

MARY LOU EIDE Clerk & Recorder  
Valley County



GW

File No. ....

T. 36 R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

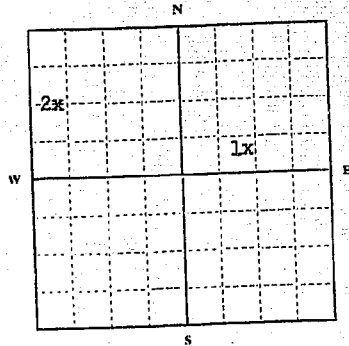
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Joseph N. Stellflug, of Opheim, 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:



W 1/4 NW 1/4 Sec. 15 36 40 #2  
 SW NE 1/4 Sec. 15 T. 36 R. 40 #1

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.....  
General Farm and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
Continued from 1946  
Retained date of construction 1960  
#1x 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
1x 20 gal per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
#1x Hand pump with gas motor  
#2 Open Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1960 #1x 1960

8. The depth of water table.....  
24.65 feet #1x 28 5 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.....  
65 feet concrete with 2 1/2 inch pipes  
20 feet with 2 1/2 inch casing 1 1/2 in pipe

10. The estimated amount of groundwater withdrawn each year.....  
10,000 gals  
#1 500,000 gals #2 300,000 Gals

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.....

Signature of Owner

Date

12-21-63

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

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

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

36973

439133

18547

UNITED STATES DEPARTMENT OF JUSTICE  
FEDERAL BUREAU OF INVESTIGATION

DEC 31 1963

*MISS A.*  
MARY LOUISE CHAMBERLAIN, Recorder  
Village, Chicago

GW

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

File No.

T. 36 N. R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

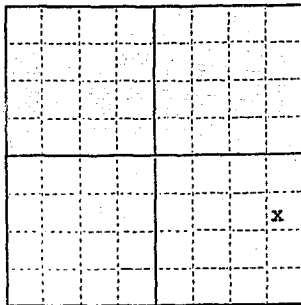
R

JAN 25 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph N. Stelling, of Opheim, 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:



NE SE 1/4 Sec. 16, T. 36, R. 40

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1909

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1909

8. The depth of water table.....  
65 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.....  
65 feet 3in curbing with 1 1/2 inch pipe.

10. The estimated amount of groundwater withdrawn each year.....  
500,000 Gals

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

Date Dec 31, 1963

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

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

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

36972

439132

18546

DEC 31 1963

1155 0  
MARY LOU [unclear] [unclear]

File No.

T. 36 R. 40

DUPLICATE

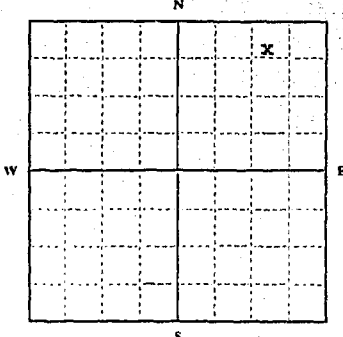
County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECORDED  
JAN 17 1964  
STATE ENGINEER

1. Herbert A. Hallock, of Ophain, 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:



NE 1/4 Sec 20 T 36 R 40

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

- 2. The beneficial use on which the claim is based Farm Grazing use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since purchase of land
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) No measured
- 5. If used for irrigation, give the acres 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 Open spring

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
- 8. The depth of water table 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 Open spring about 1/4 acre
- 10. The estimated amount of groundwater withdrawn each year 100,000 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 Herbert A. Hallock  
Date 12-30-63

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.

38065

439026

18453

DEC 30 1963

3:40 P

MARY LEE TAYLOR, Clerk & Recorder  
Valley County

File No.

T. 36 N. R. 40

DUPLICATE

County Valley

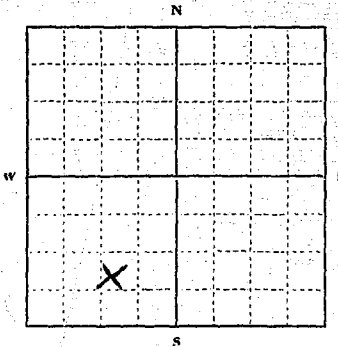
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 20 T. 36 R. 40

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 - 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 flow spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951 - dug out the spring

8. The depth of water table 4 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 This is a spring - 20' diameter by 3' deep excavation

10. The estimated amount of groundwater withdrawn each year 3,000,000 gallons per year

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

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

Signature of Owner Harvey A Sorbo

Date December 24, 1963

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

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

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



438662

18158

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

Filed for record

At 10:00 o'clock A. M.

**MARY LOU FINE** Clerk & Recorder  
Valley, County  
*Mary Lou Fine*

GV

File No. ....

T. 36 R. 40

DUPLICATE

County Valley

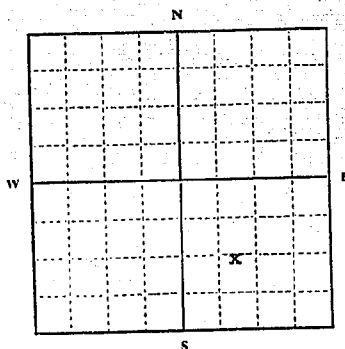
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R  
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Herbert A. Hallock, of Opheim 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:



SW SE 1/4 Sec 22 T. 36 R. 40

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

- 2. The beneficial use on which the claim is based.....  
Household & Gen Farm Use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1938
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
10 Gal per Minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1938

8. The depth of water table.....  
98 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.....  
98 feet, 18 inch casing and 1 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year.....  
2000 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

Date

12-30-63

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.

38066

439027

18454

STATE OF MONTANA  
County of Valley

DEC 30 1963

3:40 P.M.

MARY LOU LEE, Clerk & Recorder  
Valley County

File No. ....

T. 36 R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

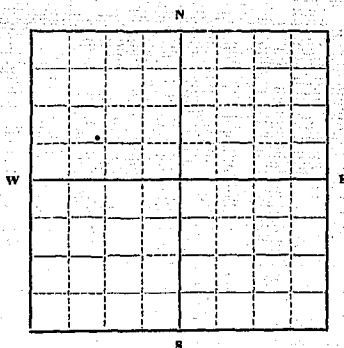


Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, United States Air Force of Opheim AFS  
(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 NW Sec. 22 T. 36 R. 40

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 Used continuously from this date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 GPM

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible electric pumps. 3 wells located on the Air Force Station.

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

8. The depth of water table 173 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. ~~See attached sheet~~ Type of well Drilled Depth of well to principle water bed-270' Principal water bed sand Thickness of bed sand

10. The estimated amount of groundwater withdrawn each year 3,650 gallons

11. The log of formations encountered in the drilling of each well if available. ~~See attached sheet~~  
32' - gravel, trace of water. 36' - sandy brown clay. 50' - brown clay, trace of sand. 25' - grey shale, brown clay. 105' - brown sandy clay. 129' - dark grey shale. 159' - sandy grey shale. 270' - fine sand, grey.

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

Signature of Owner

Date

UNITED STATES AIR FORCE  
S. C. STILES  
30 OCT 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

430850

17512

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

Filed for record

OCT 5 - 1962

at 10:15 o'clock A.M.

Mary Lou Cole  
County Recorder

By Pauline Jackson Deputy

61

T. 36 N. R. 40 E.M.M.

File No.

County Valley

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

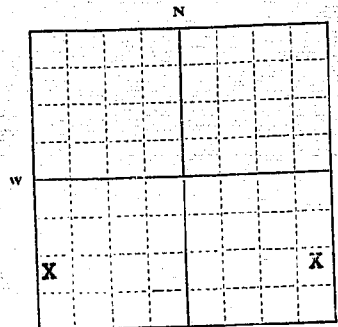
RECEIVED  
DEC 30 1963

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

1. Kenneth A. Hallock, and Ethel Hallock, of Opheim, (Address) (Town)

(Name of Appropriator) 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 and NW 1/4 SW 1/4 all of Sec. 24, T. 36N. R. 40 E.M.M. 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: 1938 (continuous use since then)
- 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: electric motor driven pumps on wells in areas checked

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1938

8. The depth of water table: 66 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: 24" dia. bored wells, each 76 ft. deep

10. The estimated amount of groundwater withdrawn each year: 1,314,000 gallons

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

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

Signature of Owner: Ethel Hallock

Date: December 20 1963

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

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

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

438561

18091

STATE OF MONTANA, } ss.  
County of Valley,

Filed for record

DEC 23 1963

*100*  
MIRY LOU F. Clerk & Recorder

Valley, Montana

*Pauline Jackson* Deputy

GW

File No. ....

DUPLICATE

T 36 R 40 E

County Valley

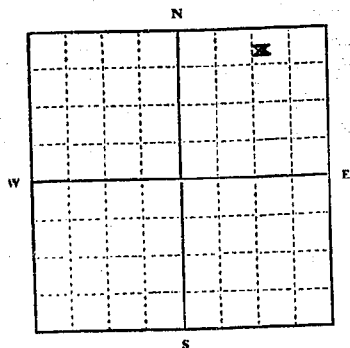
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
JAN 17 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B. St. Germain, of Opheim, 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:



NW 1/4 NE 1/4 Sec. 24 T. 36 R. 40

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

- The beneficial use on which the claim is based on household use and cattle.
- Date or approximate date of earliest beneficial use; and how continuous the use has been Abt. April, 1956, continuous use.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gallons per day.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N/A
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pressure Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Abt. April, 1956
- The depth of water table 51 feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 51 feet deep, 4" copper clad pipe.
- The estimated amount of groundwater withdrawn each year 180,000 gallons
- The log of formations encountered in the drilling of each well if available No information
- 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 B. St. Germain  
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.

38046



439007

18434

DEC 30 1962

330 R

MARY LOUISE CHASE Recorder

File No.

T. 36 N.R. 40 E.M.M.

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

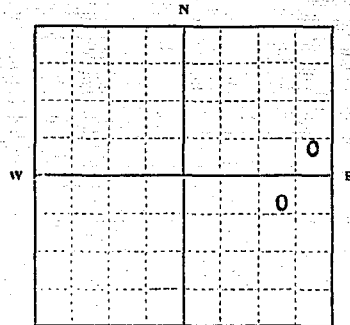
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Kenneth A. Hallock and

1. Ethel Hallock, of Opheim  
(Name of Appropriator) (Address) (Town)

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



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  
1944 (continuous)

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

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

SE 1/4, Sec. 25 T. 36 N.R. 40 E.M.M.  
NE 1/4, Sec. 25 T. 36 N. 40 E.M.M.

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  
springs at 2 locations shown

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year 146,000 gallons

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

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

Kenneth A. Hallock  
Signature of Owner E. Ethel Hallock

Date December 20 1963

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

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

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

438565

18095

RETURN TO THE  
VALLEY COUNTY CLERK  
VALLEY COUNTY CLERK  
VALLEY COUNTY CLERK

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

DEC 23 1963

at 8:00 o'clock P.M.  
MARY LOU FINE Clerk & Recorder  
Valley County  
*Mary Lou Fine* Deputy

... of the ...  
... of the ...  
... of the ...



439028

18455

STATE OF IOWA  
County of Valley

Electron

DEC 30 1963

3:40

P.

MARY LOU NILES Clerk & Recorder  
Valley County

File No. ....

T. 31 R. 40

DUPLICATE

County Valley

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

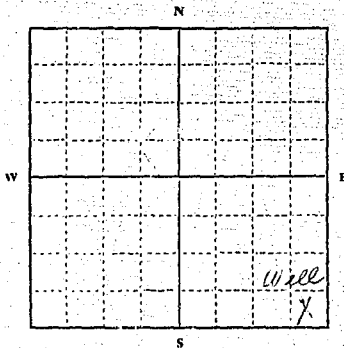
RECORDED  
JAN 8 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elizabeth Reed, of Ophir, 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:



SE 1/4 SE Sec. 26, T. 36 R. 40

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1916

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1916

8. The depth of water table.....  
85 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.....  
85 ft 3 in casing with 1 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year.....  
200,000 gals

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 Elizabeth Reed

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

27755

439407

18738

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

JAN 6 1964

at 9:45 o'clock A.M.  
MARY LOU ETHE Clerk & Recorder  
Valley County  
By \_\_\_\_\_ Deputy

G.

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

File No. ....

*S 1/2 S 1/2 - Sec 27 T 36 R 40-160A*

DUPLICATE

County *Valley*

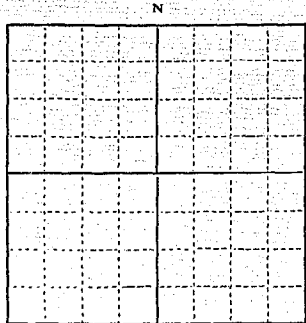
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 26 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. *Hollis-Thompson*, of *P.O. Box #207, Opheim*  
(Name of Appropriator) (Address) (Town)  
County of *Valley* State of *Montana*  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



*3/4* Sec *27* T *36* R *40*

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

- The beneficial use on which the claim is based. *Cattle, Hogs, Pottery, Sheep, Household & irrigating garden*
- Date or approximate date of earliest beneficial use; and how continuous the use has been. *Since homesteaded. The use has been continuous ever since.*
- The amount of groundwater claimed (in miner's inches or gallons per minute). *4.5 gal. per minute*
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. *Irrigating garden*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Windmill & pump each, installed the last 5 to 15 yrs. The high lift in deep well electric systems*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *Since homesteaded*
- The depth of water table. *90 ft. to vein with water table at 20 ft.*
- 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" galvanized casing, 90 ft. deep to the kama, which rises within 20 ft. of casing*
- The estimated amount of groundwater withdrawn each year. *200,500 gal. uses 421.*
- The log of formations encountered in the drilling of each well if available. *Not available*
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. *Not available*

Signature of Owner *Hollis Thompson*  
Date *Dec 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.

12854



438534

18072

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

Filed for record

DEC 20 1963

at 10:00 o'clock P.M.

Mary Lou Cook  
County Recorder

Pauline Jackson Deputy

61, 4

File No. ....

T. 36 N. R. 40 E.M.M.

DUPLICATE

County Valley

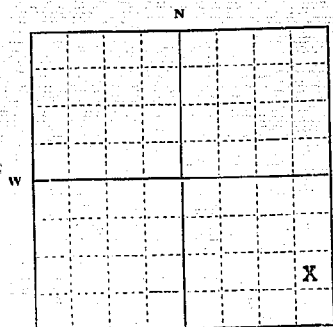
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SEE 1/4 Sec. 28. T36N R.40 E.M.M.

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..... **1914, continuous since that year**
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... **2.67 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  
**XXXXXXHHXXHHXXHHXXHHXX**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
**open spring**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
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 **584,000 gallons**
11. The log of formations encountered in the drilling of each well if available.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner *Kenneth A. Hallock*  
Date **December 20 1963**

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

5767

438564

18094

STATE OF MONTANA, } ss.  
County of Valley.

Filed for record

DEC 23 1963

at 8:00 o'clock P.M.  
MARY LOUISE Clerk & Recorder  
Valley, County

*Pauline Jacobson* Deputy

GV

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

File No. ....

T. 36 R. 40

DUPLICATE

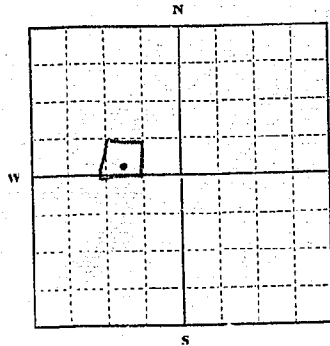
County VALLEY

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

1. HARRIS BECKER, of OPHEIM  
(Name of Appropriator) (Address) (Town)  
County of VALLEY State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 30 T. 36 R. 40

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

2. The beneficial use on which the claim is based.....  
HOUSE HOLD AND LIVESTOCK USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. OVER THIRTY YEARS  
CONTINUOUS USE

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
WITH PUMP AND MOTOR

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

8. The depth of water table. ABOUT 70 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. A DRILLED WELL SIZE 18 INCHES DIAMETER AND 85 FEET DEEP

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

11. The log of formations encountered in the drilling of each well if available. 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. NO RECORD KNOWN

Signature of Owner. Harris Becker

Date. December 21, 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; Triplet to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15925