



T. 36N R. 50E 3  
County Sheridan

RECEIVED  
NOV 24 1959

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

STATE ENGINEER

WATER WELL LOG

	X		

Owner: *Dorcen Dodge* Address: *W. Lathby*  
Driller: *Walter Lee* Address: *plainswood*  
Date Started: *June 11* Date Completed: *June 19 59*  
Location: Sec. *3* T. *36* R. *50* ¼ sec.

Type of well: *bored* (Dug, driven, bored, or drilled) Equipment used: *hoisting machine* (Chuck drill, rotary, other)

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

Casing: *none* ft. to *47* ft. Type: *dry* Size: *18*  
Casing: *none* ft. to *30* ft. Type: *dry* Size: *18*  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

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

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

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

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

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

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

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



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

T. 34N R. 56E

DUPLICATE

County Blaine

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

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

Owner Ray Stone Etc. Address Outlook Mont.

Contractor (if any) Blaine County Conservation Dist.

Address of Contractor Plentywood.

Date Started 1961 Date Completed 1962

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

flow approx. six feet. Water flows in to bottom of durgouts

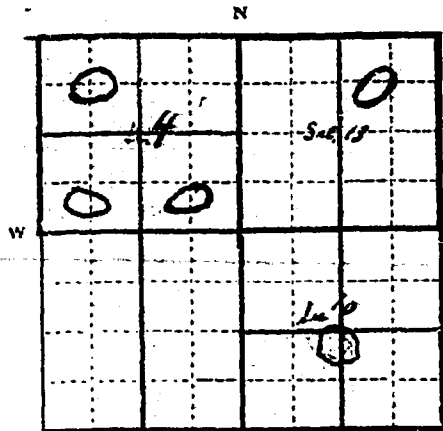
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Water

is used from April to November. 2500 yards of earth have been removed & durgouts are left full of water to supply water for 100 ft. of cattle.

Signature of Owner Ray Stone

Date 12-10-63



E 1/2 Sec. 10 T. 36 R. 56  
W 1/2 Sec. 10 T. 36 R. 56  
W 1/2 Sec. 10 T. 36 R. 56  
E 1/2 Sec. 10 T. 36 R. 56  
Indicate point of appropriation and place of use, if possible.

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.

33124

334889

#424

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 31 day of  
December A. D. 1923

at 1:00 o'clock P. M.

J. A. Nelson  
County Recorder

Deputy

RECEIVED  
NOV 24 1959

T 36N R 56E  
County Sheridan

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

	*	

Owner Joseph A. Marsh Address Plentywood  
Driller Walter Lee Address Plentywood  
Date Started May 59 Date Completed Nov 59  
Location: Sec. 16 T. 36 R. 56 1/4 sec

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

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

Casing: Steel ft. to 22 ft. Type \_\_\_\_\_ Size 18 in  
Casing: Steel ft. to 40 ft. Type \_\_\_\_\_ Size 12 in  
Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 16 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

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

Static Water level, for non-flowing well: 4 feet feet.

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

Purping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

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

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

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

gravel packed

(over)



GW 2

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

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—39312

RECEIVED

T. 36 N. R. 56

County Sheridan

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 14 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Harry Johnson Address: Weebly, Mont

Driller: Western Drilling Co Address: Med Lake, Mont

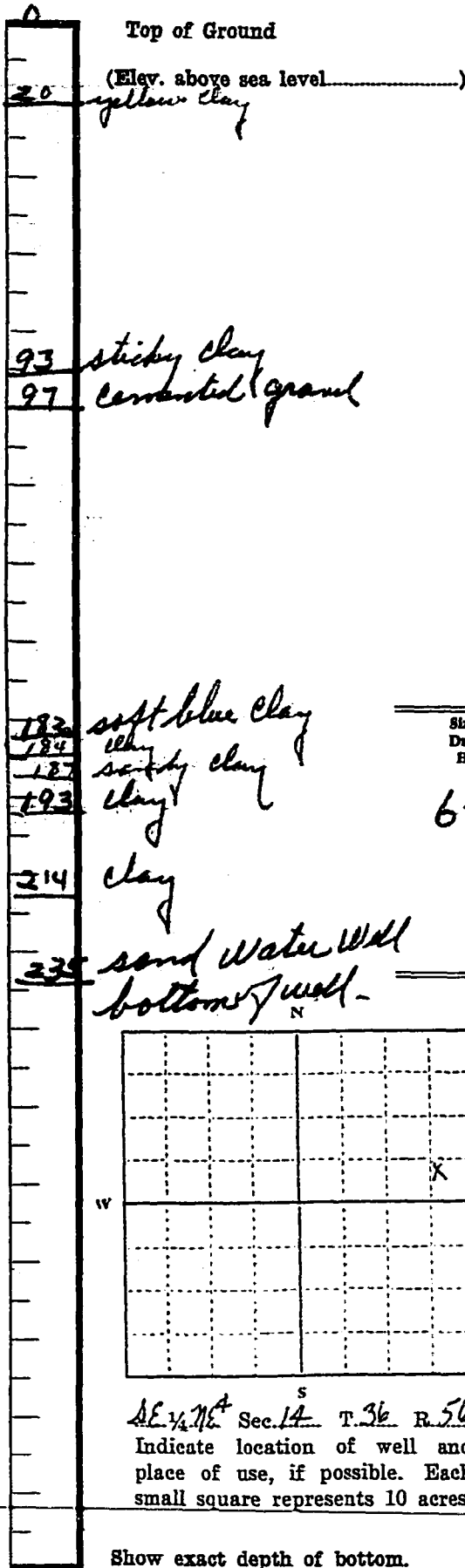
Date of Notice of Appropriation of Groundwater: 11-10-62

Date well started: 11-29-62 Date Completed: 12-17-62

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)
6 1/4"	9 lbs per ft steel	0	220			

Static Water Level for non-flowing Well 164 feet.

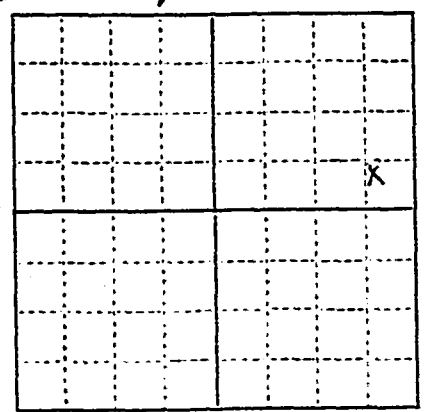
Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 175 feet at 3 gal. per minute.

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

How Tested: pump Length of Test: 5 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) Casing was set into water sand and water enters casing from below



SE 1/4 NE 1/4 Sec. 14 T. 36 R. 56  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

106  
Driller's License Number  
Lloyd H. Carlson  
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.



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STATE OF MONTANA, ss.  
County of Sheridan

Filed this 9 day of Jan  
at 3:00 o'clock P. M. A. D. 1963

R. A. Wilson  
County Recorder

By Margaret Walter  
Deputy

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X

RECEIVED  
OCT 24 1957

T 36N R 56E 16  
County Sheridan

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		*

Owner Elmer Falk Address Westby Mont  
Driller Lagerquist Address Westby Mont  
Date Started Aug 13 1957 Date Completed Aug 17 1957  
Location: Sec 16 T 36 R 56 1/4 sec N.E.

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

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

Casing: 228 ft. to \_\_\_\_\_ ft. Type Iron Size 4 in

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

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

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

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

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

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

Pumping water level 22 0 feet at \_\_\_\_\_ gal. per min.

How tested: Pumped for

Length of test 17 hr.

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

(over)



RECEIVED  
OCT 1 1958

T. 36 R. 55

County Sheridan

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		X

Owner: Elmer Falk Address: Decoy, Mont.

Driller: Lagerquist Drilling Co. Address: Westby, Mont.  
Just R. Lagerquist

Date Started: 9/7/57 Date Completed: 9/13/1957

Location: Sec. 46 T. 36 R. 55 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 202 ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

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

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

Perforated or Screened: Ft. 242 to ft. 202 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: 3 rows of perforations one with a 1/2" slot

Static Water level, for non-flowing well: 200 feet.

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

Pumping water level: 205 feet at 350 gal. per hr. gal. per min.

How tested: Pumped

Length of test: 14 hrs.

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

RECEIVED

OCT 1 1958

T. 36 R. 56

County Sheridan

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

		X

Owner Elmer Folk Address Deeley, Mont.

Driller Lagerquist Drilling Co. Address Westby, Mont.  
Orval R. Lagerquist

Date Started 5/7/57 Date Completed 5/13/1957

Location: Sec. 16 T. 36 R. 56 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 203 ft. to \_\_\_\_\_ ft. Type 2 1/2" Standard Size 4"

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

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

Perforated or Screened: Ft. 219 to ft. 228 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 5 rows of perforations done with a cutting torch

Static Water level, for non-flowing well: 200 feet.

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

Pumping water level 205 feet at 350 gal. per hr. gal. per min.

How tested: Pumped

Length of test 14 hrs.

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

(over)



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

T. 36<sup>N</sup> R. 56<sup>E</sup>

DUPLICATE

County SHERIDAN

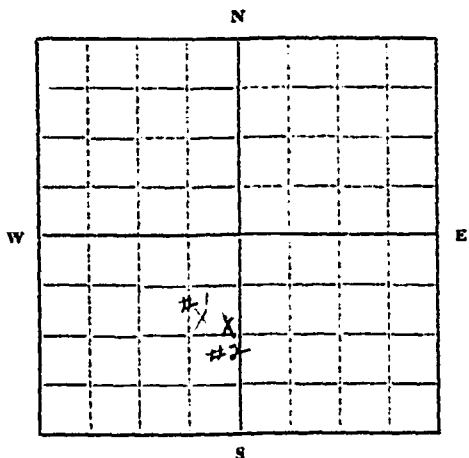
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1964

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. DALE F. BUMMER of WESTBY  
(Name of Appropriator) (Address) (Town)  
County of SHERIDAN State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW 1/4 Sec. 17, T. 36, R. 56

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 & LIVESTOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been UNKNOWN APPROX. 1930 #2  
STEADY APPROX. 1950 #1

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 ONLY FOR YARD & GARDEN IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMPS OPERATED WITH ELECTRIC MOTORS

#1 DEEP WELL APPROXIMATELY 40' SOUTH OF HOUSE  
#2 SHALLOW WELL APPROXIMATELY 200' SOUTHEAST OF BARN

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater DEEP WELL WAS DEEPEMED IN JUNE 1963

8. The depth of water table APPROXIMATELY #1 (DEEP WELL 245'-315') #2 (SHALLOW WELL 8'-15')

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 DEEP WELL - 4" CASING TO 240', 3/8" CASING TO 295', TOTAL DEPTH 315'  
#2 SHALLOW WELL - 5' DIAMETER ROCK CURBING, 15' TOTAL DEPTH

10. The estimated amount of groundwater withdrawn each year #1 HOUSEHOLD WATER & #2 WATER FOR 100-150 HEAD OF LIVESTOCK

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Dale F. Bummer

Date Dec. 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.

334755 #319

STATE OF MONTANA, } ss.  
County of Sheridan.

Filed this 26 day of  
December A.D. 1963

at 2:00 o'clock P M.

L. J. Nielsen

County Recorder

Deputy



RECEIVED  
NOV 2 1959

T. 36 R. 56  
County Sheridan

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

			X

Owner Gordon Hovet Address Antelope, Mont.  
Driller Lagerquist Drilling Co. Address Westby, Mont.  
Gust R. Lagerquist  
Date Started 8/12/59 Date Completed 8/14/59  
Location: Sec. 19 T. 36 R. 56 ¼ sec. SW ¼ SE ¼

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

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

Casing: 0 ft. to 77 ft. Type Stand. blk. Size 4"

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

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

Perforated or Screened: Ft. 70 to ft. 77 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Perforated with cutting torch

Static Water level, for non-flowing well: 37 feet.

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

Pumping water level 57 feet at 500 gallons per min. per min.

How tested: Bailor

Length of test 2 hrs.

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

(over)



21

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

T 36 R 56

DUPLICATE

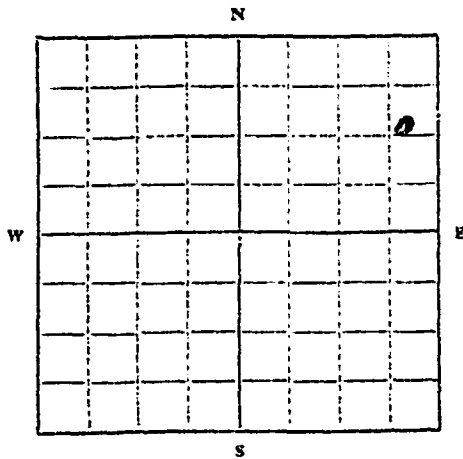
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eldred Goetzinger, of Plentywood  
(Name of Appropriator) (Address) (Town)  
County of Sheridan State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE Sec 21, T 36, R 56

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 water & household use
- Date or approximate date of earliest beneficial use; and how continuous the use has been used continuously since January 1946
- The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill operation of pump with submerged cylinder
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced drilling Sept. 1, 1945  
Completed well in Jan. 1946
- The depth of water table Depth of well is 295 ft to water 17 ft water
- 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 well with 4 inch steel casing
- The estimated amount of groundwater withdrawn each year 126,000 gal.
- The log of formations encountered in the drilling of each well if available Coal at 180 feet. A vein of lignite. A formation of limestone at 28 ft.
- 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 other information available

Signature of Owner Eldred Goetzinger

Date Dec 12, 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.

334566

#256

STATE OF MONTANA }  
County of Sheridan. } ss.

Filed this 13 day of  
December A. D. 1963  
at 4:30 o'clock 0 M.

L. Q. Nielsen  
County Recorder

Deputy

RECORDED  
INDEXED  
DEC 13 1963



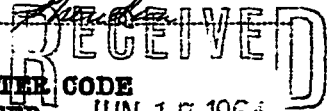
File No. \_\_\_\_\_

T. 36 N R. 57 E

DUPLICATE

County Richmond

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



JUN 17 1964

Top of Ground

(Elev. above sea level 66 ft.)

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harry Fink Address Raymond Mont

Driller Osmond Estens Address Antelope Mont

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

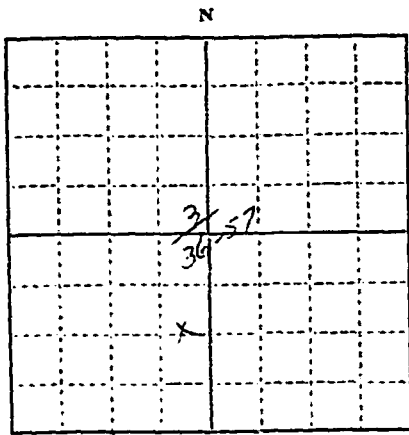
Date well started Apr-27-64 Date Completed May-29-64

Type of well Drilled Equipment Used Cable Tool  
(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)
4"	11 lbs.	18 sand/clay				
		9 ft. gravel				
		80 ft. blue clay				
		49 ft. drift/clay				
		156 ft. water				
				Do not use		
				perforations		



Sec 3 T 36 R 57

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

Static Water Level for non-flowing Well 90 ft. feet.

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

Pumping Water Level 90 ft. feet at 4 gal. per minute.

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

How Tested meter pump Length of Test Three days

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) \_\_\_\_\_

156 ft. Show exact depth of bottom.

No 64  
Driller's License Number

Osmond Estens  
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.

336 433

#532

STATE OF MONTANA, <sup>1st</sup> Dist.  
County of Sheridan.

Filed this 8 day of

June A. D. 19 64

at 2:00 o'clock P.M.

L. D. Nielsen  
County Recorder

By Margaret Walker  
Deputy

6

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

T 36 R 57

DUPLICATE

County SHERIDAN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 9 1963  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

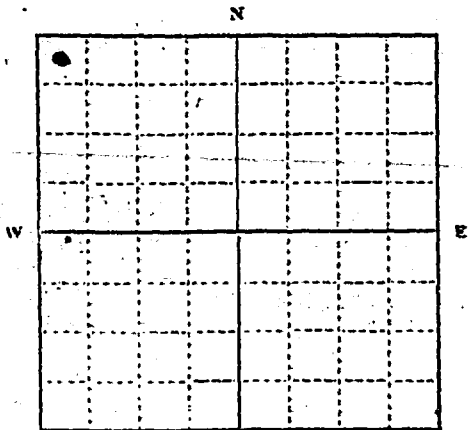
Owner OPAL McEALL Address OUTLOOK, MONT

Contractor (if any) NONE

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

Date Started 1940 Date Completed 1940

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



NW 1/4 NW Sec 6 36 57

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 100,000 gal.

Flows CONTINUOUSLY

Signature of Owner Opal McEall

Date 11-26-63

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

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

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

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



334357

X-205

STATE OF MONTANA

County of Sheridan

Filed this 27<sup>th</sup> day of

November

A. D. 1963

at 3:00 o'clock P. M.

L. H. Nelson  
County Recorder

Deputy

SW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

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

T. 36 R. 57

DUPLICATE

County Silver

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1928

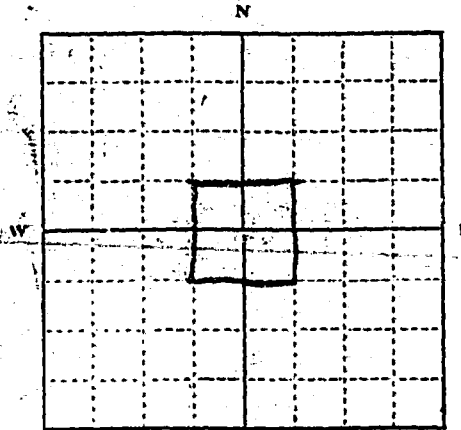
Owner William McGill Address Westby, Montana

Contractor (if any) \_\_\_\_\_

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

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, never been dug out. Water flows to surface and into a small lake.



SW 1/4 NE Sec 6 T 36 R 57

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 \_\_\_\_\_

15 gallons a minute. water used to water cattle.

Signature of Owner William McGill

Date Dec. 30, 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.

33062

334813

#362

STATE OF MONTANA, ss.  
County of Sheridan

Filed this 30 day of December A. D. 1953

at 12:05 o'clock P. M.

Will Nelson  
County Recorder

Deputy

RECEIVED

County Sheridan <sup>9</sup>

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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 VICTOR VOGT

Address Westby

Montana

Date well started March 14 1972

completed March 23 1972

For Administrator's Use	
FILED	<u>APR 5 1972</u>
	<u>3.62 P.M. 614</u>
	<u>GW 1 10:00 A.M.</u>

Type of well dr. H.C.  
(Dug, driven, bored or drilled)

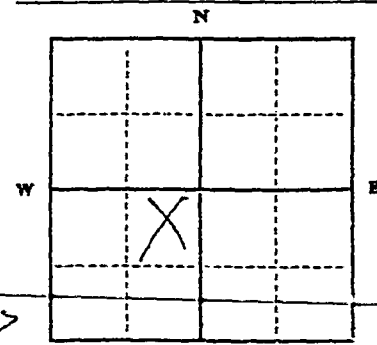
Equipment used rotary  
(Churn drill, rotary or other)

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 100,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 3/4 TO 185'</u>	<u>4 inch I.D.</u>	<u>9</u>	<u>194</u>	<u>3/16" SLOTS</u>	<u>190</u>	<u>194</u>
<u>4 3/4 TO 200'</u>	<u>11 lbs</u>					



Static water level 150 ft.\*  
Pumping water level 164 ft.\*  
at 4-5 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by bailler  
for 3 hours.  
Power Electric Pump 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

77 E 1/4 Sec 9  
T. 36 N R. 57 E  
S W

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

Driller's Signature Albert Andersen  
Driller's Address Medicine Lake, Mont

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	95	clay some rocks
95	110	clay (blue)
110	119	good clay
119	123	soft clay
123	124	hard clay
124	129	soft sand
129	131	coal dry
131	138	soft clay
138	145	coal
145	174	clay
174	183	chattered spot
183	190	dry clay
190	194	chattered w
194	195	coal
195	200	4 3/4 hole into coal

LICENSE NO. 106 200 Show exact depth of bottom

#614

INDEXED 362486

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

Filed this 5 day of

April A. D. 19 73

at 10<sup>00</sup> o'clock A. M.

J. D. Nelson  
County Recorder

Deputy

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

T. 36 R. 57

DUPLICATE

County Sheridan

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

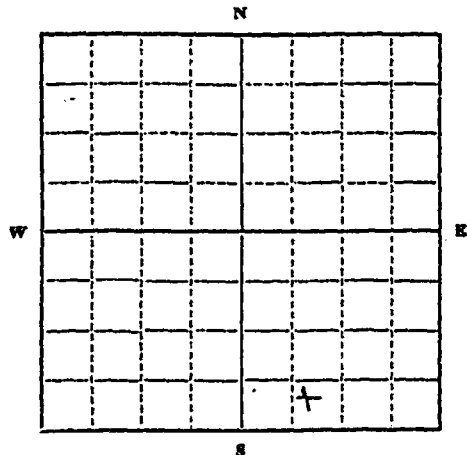
JAN 15 1964

STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

I, WALLACE & REYNOLD TORPEN of Libby  
(Name of Appropriator) (Address) (Town)  
County of Lincoln State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4 Sec. 11, T. 36 R. 57

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920, continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation to date
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 1920
8. The depth of water table 14'
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 four ft. square curbing, 16' depth
10. The estimated amount of groundwater withdrawn each year 400,000 gallons
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available

WALLACE & REYNOLD TORPEN

Signature of Owner Elvin C. Lagerquist  
By Elvin C. Lagerquist,  
Date 12/31/63 Lessee

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.

33207

334973

#508

STATE OF MONTANA, } ss.  
County of Sheridan.

Filed this 31 day of

December A. D. 1963.

at 4:00 o'clock P. M.

L. J. Nelson  
County Recorder

Deputy

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red on the enclosed form, how the groundwater was developed, means of withdrawing the water, amount of groundwater claimed (in gallons per minute or miner's inches) and estimated annual groundwater usage.

Thank you.

Sent on  
4/17/72

49,796

Date Completed July 3/72

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

sub-irrigation and turn-off

2. Means of withdrawing water (gravity, pump, canal, etc.)

NOT APPLICABLE

3. Depth of water table

NOT APPLICABLE

4. Use of the water

STOCK

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

NOT APPLICABLE

6. If used for irrigation, give number of acres and description of land

NOT APPLICABLE

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated

not applicable

7. Estimate amount of water used each year

not applicable

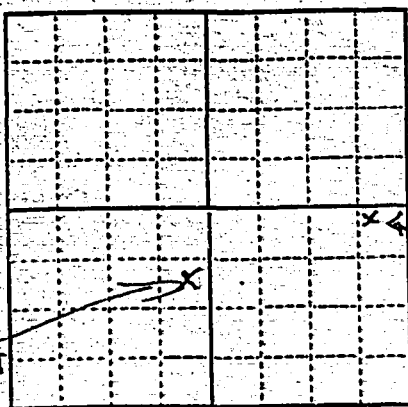
8. Months of year spring flows

not applicable

Signature of Owner

Richard Johnson

Date 1/26/72



No. 1 NE 1/4 SE 1/4  
 No. 2 NE 1/4 SW 1/4 Sec. 12  
 T. 36 N. R. 57 E. RA. 57  
 S. W.



RECEIVED

12

3 GW 3 Revised 1969  
191-1500-10/69

County Biaxidam

STATE OF MONTANA  
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 358747 Jan. 26, 1972  
2:00 p.m.

GW 1 \_\_\_\_\_

Owner Richard E. Johnson & Dorcas E. Johnson

Address Westly, Montana

Contractor (if any) Soil Conservation

Address of Contractor Plentywood, Montana

Date Started July 1/71 Date Completed July 3/71

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

sub-irrigation and run-off

2. Means of withdrawing water (gravity, pump, canal, etc.)

NOT applicable

3. Depth of water table NOT applicable

4. Use of the water stock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) NOT applicable

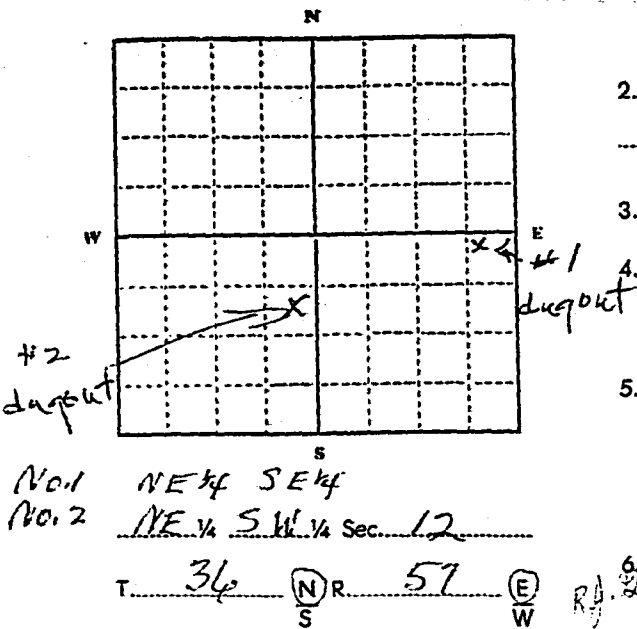
6. If used for irrigation, give number of acres and description of land NOT applicable

7. Estimate amount of water used each year

not applicable

8. Months of year spring flows NOT applicable

Section 12



INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated

not applicable

Signature of Owner Dorcas E. Johnson

Date 1/26/72

49,796



No. 1 NE 1/4 SE 1/4  
 No. 2 NE 1/4 SW 1/4 Sec 12  
 T 36 (N) R 57 (E) RA 6  
 S

INDICATE POINT OF APPROPRIATION  
 AND PLACE OF USE, IF POSSIBLE.  
 Elevation of spring, if known or esti-

mated not applicable

Use of the water 1967

5. Amount of groundwater claimed (in miner's inches or gallons per minute) not applicable

If used for irrigation, give number of acres and description of land not applicable

7. Estimate amount of water used each year

not applicable

8. Months of year spring flows not applicable

Signature of Owner Darceen P. Johnson  
Darceen P. Johnson

Date 1/26/72

(1)

49,796

587+7

TO REGISTERED TO BIRTH

STATE OF MONTANA, ss.

County of Sheridan,

Filed this 26 day of

Jan A.D. 1972

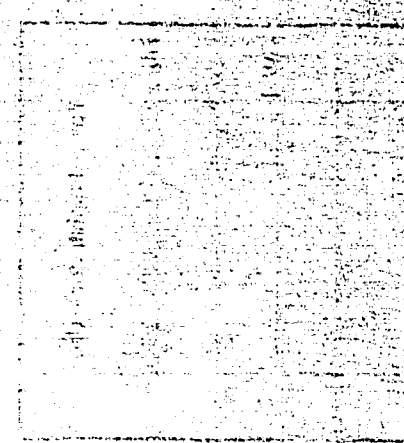
at 12:00 o'clock P M.

L. Brecken

County Recorder

Boyd Myrtle Hall

Deputy



RECEIVED

County Missoula 13

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Litch Johnson  
Address Westley Point

For Administrator's Use	
File #	<u>#603, 358553</u>
Date	<u>December 22, 1991</u>
Time	<u>1:30 p.m.</u>
GW 1	

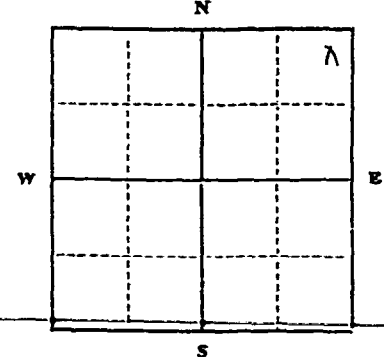
Date well started 7-26-71  
completed Nov 30-71

Type of well drilled (Dug, driven, bored or drilled)  
Equipment used rotary (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>6 1/4" to 1 1/2" ft.</u>	<u>1 1/2" I.D.</u>	<u>0</u>	<u>160</u>	<u>3/16" slots</u>	<u>157</u>	<u>158</u>
<u>11 3/4" to 16.0</u>	<u>11 I.D.</u>					



Static water level 120 ft.\*  
Pumping water level 140 ft.\*  
at 10 gallons per minute,  
measured 30 minutes after pumping began.  
\*Measured from ground level.  
Well developed by drilling  
for 3 hours.  
Power Electric Pump 10 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Mo. 1/4 Sec. 13  
T. 30 N. 57 E. 87  
S. W.

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

Driller's Signature [Signature]  
Driller's Address [Address]  
LICENSE NO. 106

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>55</u>	<u>red clay</u>
<u>55</u>	<u>60</u>	<u>yellow sand &amp; gravel</u>
<u>60</u>	<u>65</u>	<u>red clay</u>
<u>65</u>	<u>100</u>	<u>soft sandy clay</u>
<u>100</u>	<u>150</u>	<u>much clay with rock</u>
<u>150</u>	<u>158</u>	<u>gravel</u>
<u>158</u>	<u>160</u>	<u>hard red sandstone</u>

160 Show exact depth of bottom

D  
D

358553

\*603

INDEXED

STATE OF MONTANA ss.  
County of Sheridan.

Filed this 27 day of  
December A. D. 1911

at 1<sup>30</sup> o'clock P. M.

L.A. Meland  
County Recorder

Deputy

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

T 36 R 57

DUPLICATE

County Sheridan

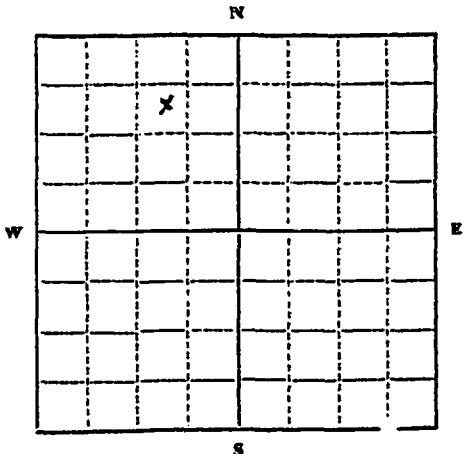
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 11 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 NW Sec. 15 T. 36 R. 57

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 - livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
CONSTANT USE SINCE DRILLED

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
SEVENTEEN 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  
PUMP - WELL LOCATED AT FARM HOUSE SITE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1942

8. The depth of water table  
95 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  
4 1/2 in CASINGS - Depth 168 FT.

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

11. The log of formations encountered in the drilling of each well if available  
NONE

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
NONE

Signature of Owner C. Junior Pedersen  
Date 12-9-63

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.

# 219

~~33444~~  
334447

STATE OF MONTANA,  
County of Sheridan.

Filed this 9 day of  
December A. D. 1963  
at 10:00 o'clock A. M.

J. H. Nielsen  
County Recorder

Deputy

RECORDED  
INDEXED  
DEC 10 1963  
SHERIDAN COUNTY

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

T. 36 R. 57  
County Sheridan

DUPLICATE

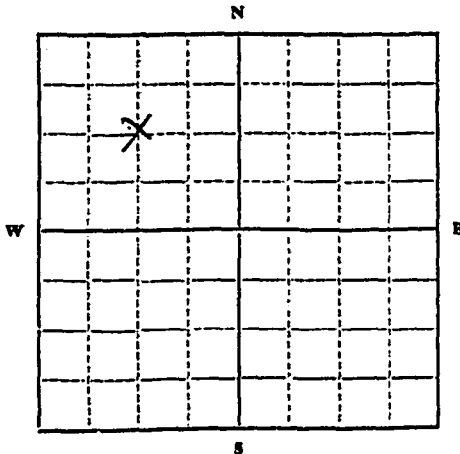
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

R 127  
JAN 15 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harry L Johnson of RR 2 Box 38 Westby  
(Name of Appropriator) (Address) (Town)  
County of Sheridan State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 18 T. 36 R. 57

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 water for livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1951  
has been in continuous use since
- The amount of groundwater claimed (in miner's inches or gallons per minute) seven gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
no irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
deep well pumps located by buildings on NW Sec 18 T. 36 R. 57
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
commenced July 1951 Completed  
September 1951
- The depth of water table 90 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  
drilled well 5 inch casing  
243 feet deep
- The estimated amount of groundwater withdrawn each year 180,000 gal.
- The log of formations encountered in the drilling of each well if available  
1-38 brown clay  
38-130 blue clay 130-150 lt brown clay 150-158 gravel  
158-162 coal 162-204 coal clay 204-209 coal 209-229  
coal clay 229-243 coal
- 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 Harry L Johnson  
Date 12-16-1963

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

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

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



334883

#418

STATE OF MONTANA,  
County of Sheridan, ss.

Filed this 31 day of  
December A. D. 1963  
at 1:00 o'clock P. M.

L. P. Nelson  
County Recorder

Deputy

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

T. 36<sup>N</sup> R. 57<sup>E</sup>

DUPLICATE

County SHERIDAN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

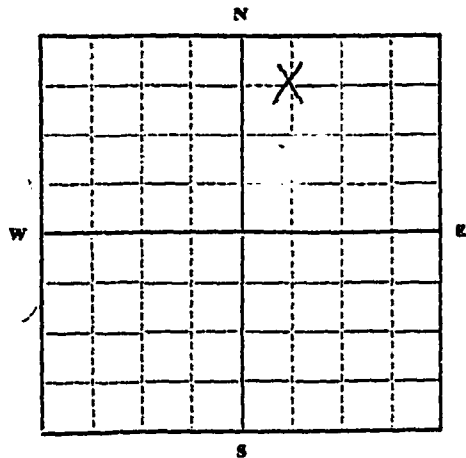
RECEIVED  
NOV 7 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. CHESTER D. OLSON, of WESTRY MONTANA  
(Name of Appropriator) (Address) (Town)  
County of SHERIDAN 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. 18 T. 36 R. 57

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 + HOUSEHOLD USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 SEPT, STEADY

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 NO

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced in Aug. 57 1960 + completion in Sept 1960

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 DRILLED well, 1/2 inch casing, 279 feet

10. The estimated amount of groundwater withdrawn each year 75,000 gal

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 KNOWN

Signature of Owner Chester D. Olson

Date Nov 4, 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.

334090

#193

STATE OF MONTANA,  
County of Sheridan

Filed this 5 day of  
Nov. A. D. 1963

at 10 o'clock A.M.

L. D. Nielsen

County Recorder

By Myrtle Walker  
Deputy

T. 36N R. 57E 31  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 11 1961

WATER WELL LOG

STATE ENGINEER


Owner Kenneth J. ... Address ...  
Driller ... Address ...  
Date Started 7-16-61 Date Completed 9-5-61  
Location: Sec. 31 T. 36 R. 57 1/4 sec. SE 20 1/2 31

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

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

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type steel Size 4

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

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

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

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

Static Water level, for non-flowing well: 17.5 feet.

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

Pumping water level 17.5 feet at 200 gal. per min.

How tested: Pump

Length of test 5 min

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

...

T 36N R 57E 31  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
SEP 11 1961

WATER WELL LOG STATE ENGINEER


Owner Kenneth Domonick Address Plentywood Mont  
Driller Western Drilling Co Address Mad Lake Mont  
Date Started 8-16-61 Date Completed 9-5-61

Location: Sec 31 T 36 R 57 ¼ sec SE 80-A-31

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

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

Casing: 0 ft. to 195 ft. Type steel Size 4"

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

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

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

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

Static Water level, for non-flowing well: 175 ft feet.

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

Pumping water level 185 ft feet at 2 gpm gal. per min.

How tested: Pump

Length of test 5 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
A seal or shut-off was made at 179 ft between casing and hole.

(over)





GROUNDWATER INDEX

County SHERIDAN

Twp. 36N

Rge. 58E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	LEININGER, ROBERT D.	GW 4	334811	
7	OLSON, MABEL	GW 2	331292	
10	OBKSA, HILDA	GW 4	331375	
13	LEININGER, DAVID J.	H	334808	
19	OVERGAARD, DENA S.	H	334596	
24	<sup>Nordhagen, Orville</sup> NORDHAGEN, ORVILLE	<sup>GW 2</sup> GW 2	<sup>359193</sup> 361734	
24	NORDHAGEN, ORVILLE	GW 3	359192	
24	<sup>City of Westby</sup> CITY OF WESTBY	<sup>Well 10j</sup> " "	—	
24	CITY OF WESTBY	" "	—	
27	KELOSEN, KENNETH E.	GW 4	334774	
28	HAMMER, CARL	H	334719	
28	KELOSEN, KENNETH E.	H	334775	
29	ALVSTAD, GORDON A.	H	334963	
	ALVSTAD, ELIZABETH	H		
33	LAGERQUIST, ELVIN C.	GW 2	338232	
13	Rouheden, Lawrence	1959109	No #	
24	City of Westby	1959105	No #	
24	City of Westby	GW-2	350109	



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

T. 36 N. 58 R.

DUPLICATE

County Sheridan

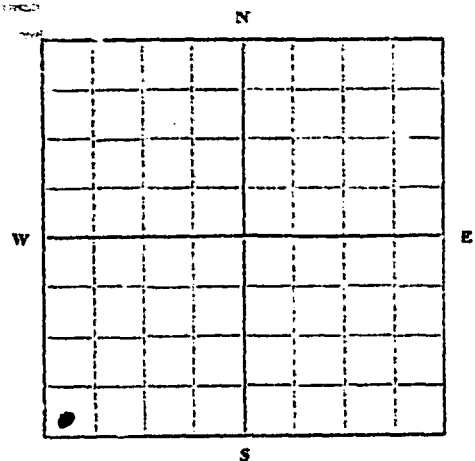
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 6 T. 36 R. 58

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. Feeding livestock
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1928 - continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. \_\_\_\_\_
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1928
- The depth of water table. 20 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. Steel Culvert
- The estimated amount of groundwater withdrawn each year. 100,000 gallons
- The log of formations encountered in the drilling of each well if available. \_\_\_\_\_
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. \_\_\_\_\_

Signature of Owner Robert D. Linninger

Date Dec. 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.

334811

#360

STATE OF MONTANA, | ss.  
County of Sheridan.

Filed this 30 day of  
December A. D. 1973.

at 12:05 o'clock P. M.

L.A. Nelson  
County Recorder

Deputy

*[Vertical stamp and handwritten notes on the right side of the page, including the number 200]*

GW 2

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

DUPLICATE

T. 36 N. 6 R. 58

County SHERIDAN

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner MABEL OLSON Address Westby, Mont

Driller John A OLSON Address Westby, Mont

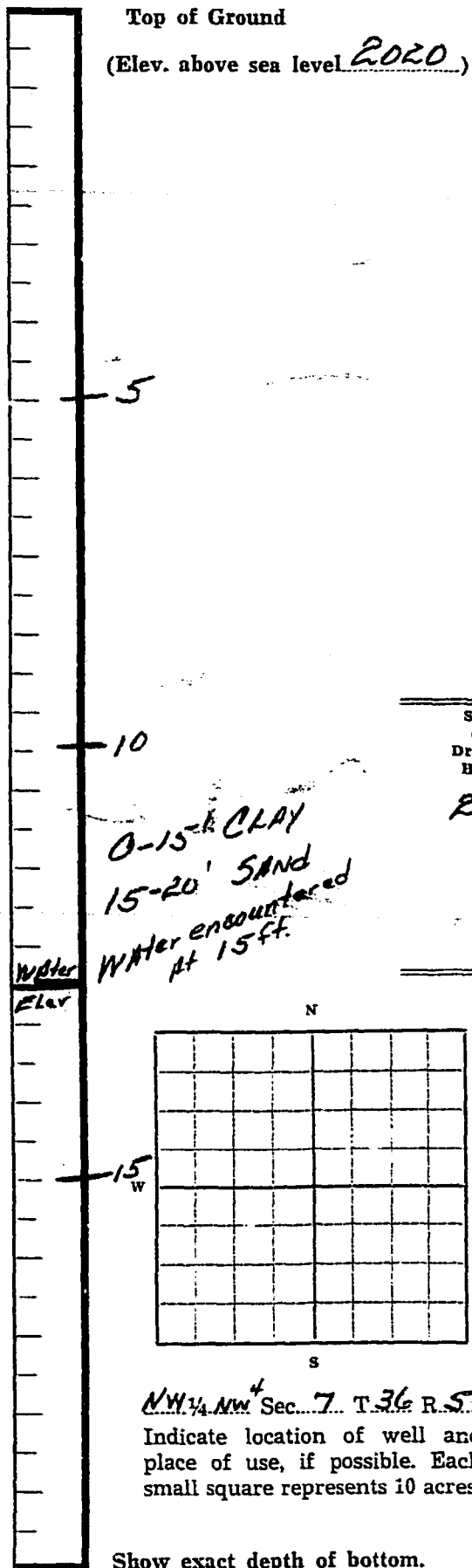
Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started 11-15-62 Date Completed 12-20-62

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

Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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



0-15' CLAY  
15-20' SAND  
Water encountered at 15 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
24"	24" 16ga.	0	20	1/2" Holes	16	20

Static Water Level for non-flowing Well 19 feet.

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

Pumping Water Level 18 1/2 feet at 4 gal. per minute.

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

How Tested \_\_\_\_\_ Length of Test \_\_\_\_\_

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) Well

was dug by operator of  
farm - No driller's license  
NECESSARY

Show exact depth of bottom.  
20 feet to bottom

SAND 15-20' WATER BEARING STRATA

Driller's License Number \_\_\_\_\_

John A Olson  
Driller's Signature

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

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

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

331292 #114

STATE OF MONTANA, ss.  
County of Sheridan.

Filed this 27th day of  
December A. D. 1964

at 2:00 o'clock P.M.

W. H. Hunt  
County Recorder

Deputy

*[Faint handwritten notes and signatures in the left margin]*

*[Faint handwritten notes and signatures in the right margin]*

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

T. 36 N. R. 58

DUPLICATE

County Sheldon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

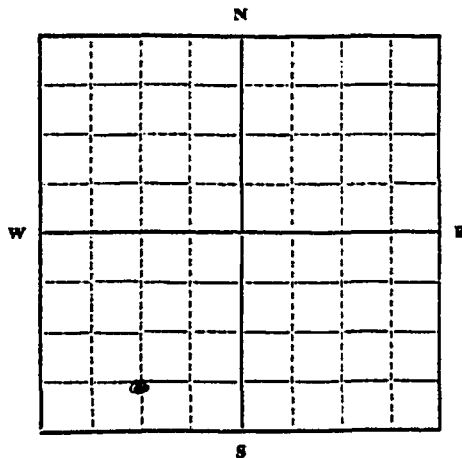
RECEIVED  
DEC 22 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hilda Oaker of Rt 1 Weathly  
(Name of Appropriator) (Address) (Town)  
County of Sheldon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 10 T. 36 R. 58

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 1958 Summer months (July, Aug, Sept.)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958

8. The depth of water table 210 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 drilled 6 inch casing 21.5 ft deep 107 feet of water

10. The estimated amount of groundwater withdrawn each year 5500 gal.

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 In County records

Signature of Owner Hilda Oaker

Date Dec 22 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.

331275

#124

STATE OF MONTANA, ss.  
County of Sheridan,

Filed this 7 day of

January A. D. 1963

at 3:00 o'clock P. M.

L. L. Nielsen  
County Recorder

By Myrtle Walker  
Deputy

*[Faint, illegible text, possibly a stamp or additional recording information]*

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

T. 36 N 58 W 13  
B. \_\_\_\_\_  
County Sheridan

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

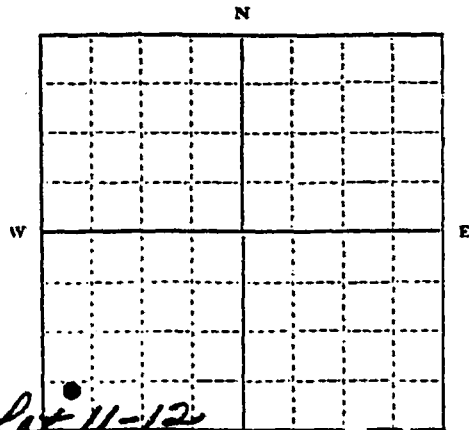
RECEIVED  
JAN 15 1964

Declaration of Vested Groundwater Rights

David J. Leininger (Under Chapter 237, Montana Session Laws, 1961)

1. David J. Leininger, of Heathy  
(Name of Appropriator) (Address)  
County of Sheridan State of Montana (Town)

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



Lot 11-12  
13 s  
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 household

3. Date or approximate date of 1955 earliest beneficial use, and how continuous the use has been continuous

4. The amount of 50 groundwater claimed (in miner's inches or gallons per minute) 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 Electric Pump

7. The date of commencement and 1955 completion of the construction of the well, wells, or other works for withdrawal of groundwater

8. The depth of water table 90 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 in. steel casing  
10. The estimated amount of groundwater withdrawn each year 200,000 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 D. J. Leininger  
Date Dec. 30, 1963

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

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

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

33057

334808

#357

STATE OF MONTANA  
County of Sheridan

Filed this 30 day of  
December A. D. 1913  
at 12:05 o'clock P. M.

J. P. Neek  
County Recorder

Deputy



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

T. 36<sup>N</sup> R. 58<sup>E</sup>

DUPLICATE

County Sheridan

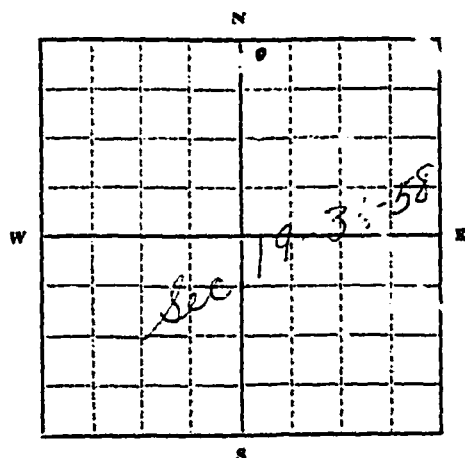
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 15 1962  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dena S. Overgaard, of Laurel Ave, Plentywood  
(Name, Appropriator) (Address) (Town)  
County of Sheridan State of Montana  
have appropriated ground water according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 N.E. 1/4  
Sec. 19 T. 36 R. 58

Indicate point of appropriation and place of use, if possible. Each small square represents 1/4 acres.

2. The beneficial use on which the claim is based For Stock Water and general farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been in October 1957 and is used every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 10 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  
Not Applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 1957

8. The depth of water table About 190 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 The well is 270 feet deep with a 4 in casing and 1 1/2 in pipes and a 2 in cylinder

10. The estimated amount of groundwater withdrawn each year I don't know, enough to take care of bo head of stock

11. The log of formations encountered in the drilling of each well if available Not available, as the U.S.C. office has destroyed all records up to and including 1957

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 other information available

Signature of Owner Dena S. Overgaard  
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.

32950

334596 # 248

STATE OF MONTANA } ss.  
County of Sheridan.

Filed this 17 day of  
December A. D. 1963

at 10:30 o'clock A.M

L. J. ...  
County Recorder

Deputy



RECEIVED

County Montana 24

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DEC 7 1972

DRILLER'S LOG

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 Dr. H. Nordhagen

Address Washing  
Montana

Date well started 11-9-72  
completed 11-11-72

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

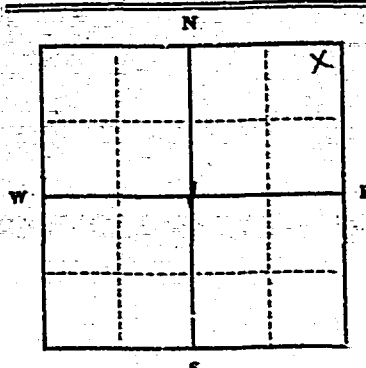
Equipment used Rotary  
(Chain drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6" hole to 4' to 21'</u>	<u>4" 1.0 with 6' x 4'</u>	<u>0</u>	<u>78'</u>	<u>79' to 81' 3' sand a yellow well screen 4" pipe size 4' long 1/2 slot screen attached well to casing</u>		



Static water level 6.0 ft.\*  
Pumping water level 7.0 ft.\*  
at 1.0 gallons per minute,  
measured 1.0 minutes after pumping began.

\*Measured from ground level.  
Well developed by double  
for 1.0 hours.

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

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

NE 1/4 NE 1/4 Sec 24  
T. 26 N. R. 58 E.

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

Driller's Signature R. J. D.

Driller's Address Washing Montana

LICENSE NO. 225

Top of Ground (Refer above sea level)		
From (Feet)	To (Feet)	
0	1	
1	2	
2	3	
3	4	
4	5	
5	6	
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99	100	

21 Show exact depth of bottom

51,971