

GROUNDWATER INDEX

County SHERIDAN

Twp. 32N

Rge. 56E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	SNELLMAN, GORDON, D.	Well 109	328028	
3	HORT, WESLEY J	GW 3	334935	
	HORT, ELAINE E.	GW 4		
4	PEDERSEN, ALFRED	GW 3	332136	
6	HORT, WESLEY J	GW 3	334927	
	HORT, ELAINE E.	GW 4		
6	HORT, WESLEY J	GW 4	334934	
	HORT, ELAINE E.	4	334999	
12	JOHNSON, HOWARD R	4		
13	SNELLMAN, F.A	4	335154	
	SNELLMAN, CAROLINE			
15	HORT, WESLEY J.	4	334936	
	HORT, ELAINE E.			
33	THE USA DEPT OF THE INTERIOR	4	334735	

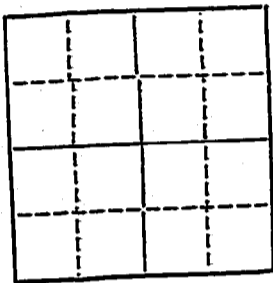
T. 32N R. 56E
County Sheridan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1952

WATER WELL LOG

STATE ENGINEER



Owner GORDON D. SNELLMAN Address MEDICINE LAKE

Driller GENE PAVENT Address MEDICINE LAKE

Date Started June 1946 Date Completed Aug 1946

Location: Sec. 1 T. 32 R. 56 1/4 sec. SE 4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 110 ft. to _____ ft. Type wood Size 24"

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

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

Perforated or Screened: Ft. 8' to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations Holes bored in casing

Static Water level, for non-flowing well: 6' feet.

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

Pumping water level 6' feet at 20 gal. per min.

How tested: submersible pump

Length of test: 9 hrs.

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

(over)

328028 #80

STATE OF MONTANA, }
County of Sheridan } ss.

Filed this 29 day of

Dec A. D. 1961

at 3:00 o'clock P. M.

A. M. Stout
County Recorder

Deputy

GV

Approved Stock Form—State Publishing Co., Helena, Montana—40876

File No. _____

T. 32^N R. 56^E 3

DUPLICATE

County _____

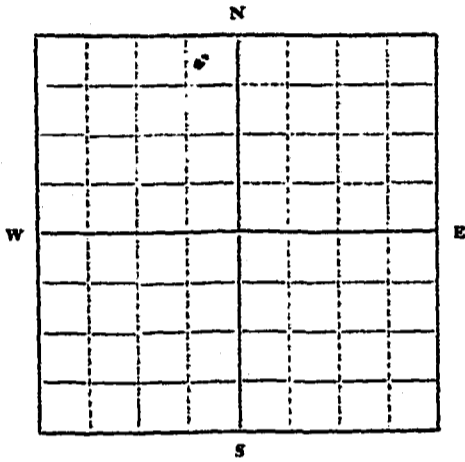
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wesley J. & Elaine E. Hoyt, of Medicine Lake
(Name of Appropriator) (Address) (Town)
County of Shannon 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. 5 T32 R56
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 is for stock & household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910. Use has been semi-continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gpm min.

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

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 1910

8. The depth of water table 60 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 depth 130 ft. drilled well, 6 in casing, 3 in cylinder 1/2 in pipe.

10. The estimated amount of groundwater withdrawn each year 8,000

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

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

Signature of Owner W. J. Hoyt
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.

3317°

334935

#470

STATE OF MONTANA,
County of Sheridan,

Filed this 31 day of

December A. D. 1968

at 1:00 o'clock P. M.

L.P. Nicks
County Recorder

Deputy

RECORDED & INDEXED
FEB 21 1969
SHERIDAN COUNTY CLERK'S OFFICE
MONTANA

RECORDED & INDEXED
FEB 21 1969
SHERIDAN COUNTY CLERK'S OFFICE
MONTANA

File No. 147

T. 32^N R. 56^E

DUPLICATE

County Thurston

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

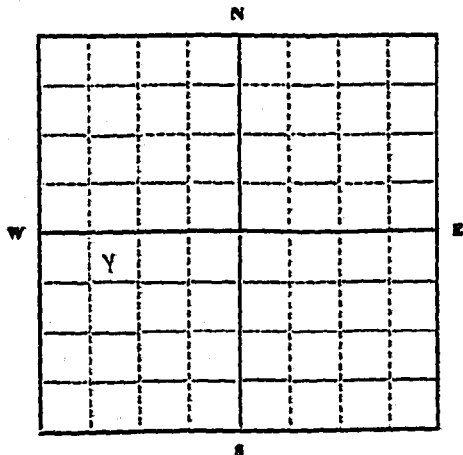
APR 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ASSISTANT
STATE ENGINEER

1. Alfred E. Pederson, of Medicine Lake
(Name of Appropriator) (Address) (Town)
County of Thurston State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SW Sec. 4 T. 32 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 and Stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1956
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 45 Gal
- 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 Pumps

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. 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.

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

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

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

Signature of Owner Alfred E. Pederson

Date 4-3-63

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.

332136

file # 147

STATE OF MONTANA, ss.

County of Sheridan,

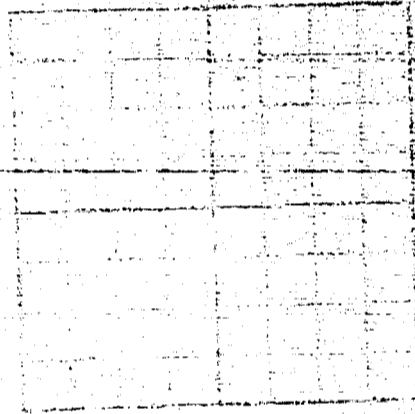
Filed this 9th day of

April A. D. 1963

at 4:20 o'clock P M.

L. D. Nelson
County Recorder

Deputy



RECORDED
INDEXED
APR 10 1963
SHERIDAN COUNTY, MONTANA

File No. _____

T. 32 R. 56

DUPLICATE

County _____

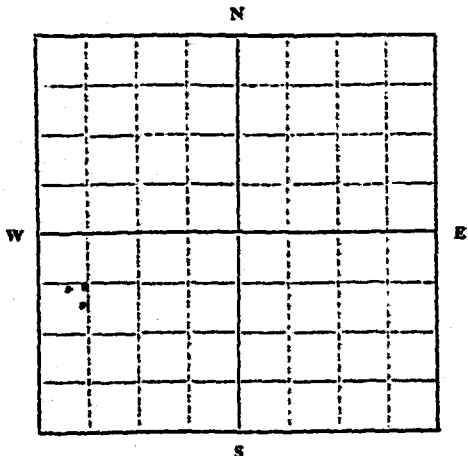
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Wesley J. Ekins, E. Hjort, of Medicine Lake,
(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:



1/4 Sec. 6 T. 32 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. Stock water and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 use has been continual.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 wells - NE 1/4 34-56

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910

8. The depth of water table. 8 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. Wells are hand, 18 in. diameter, 20 ft. deep.

10. The estimated amount of groundwater withdrawn each year. 50,000 gal.

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

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

Signature of Owner W. J. Hjort

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.

33169

334934

#469

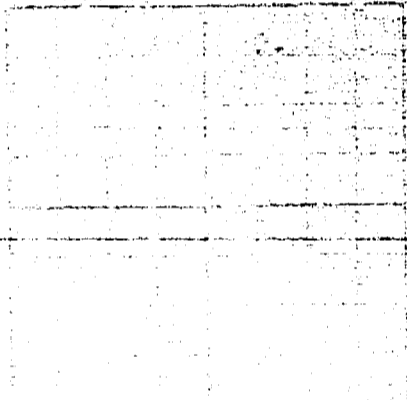
STATE OF MONTANA, ss.
County of Sheridan.

Filed this 31 day of
December A. D. 1963

at 1:00 o'clock P. M.

H. A. [Signature]
County Recorder

Deputy



RECORDED
INDEXED
DEC 31 1963
SHERIDAN COUNTY CLERK

File No. _____

T 37^N R 56

DUPLICATE

County _____

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 1910

Owner W. J. Hjort Address Medicine Lake, Mont.

Contractor (if any) none

Address of Contractor _____

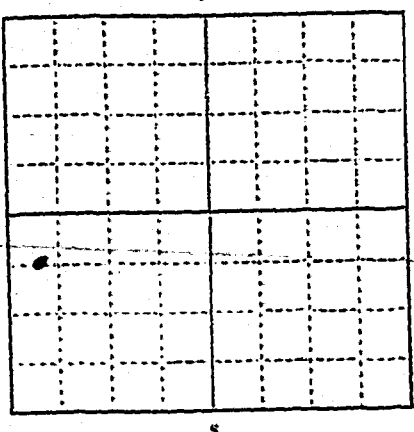
Date Started _____ Date Completed _____

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

Spring has been dug out by hand and metal casing 2 1/2 in. installed. water obtained by natural flow.

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

estimate approximate lengths of periods of use. flow is app. 5 gal. per min. use is intermittent at times.



T. 37 N. R. 56 Sec. 6
Indicate point of appropriation and place of use, if possible.

Signature of Owner W. J. Hjort

Date 12-30-63

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.

334937

#472

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 31 day of

December A. D. 1975

at 1:00 o'clock P. M.

[Signature]
County Recorder

Deputy

File No. _____

T. 32 N 56 R 12

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

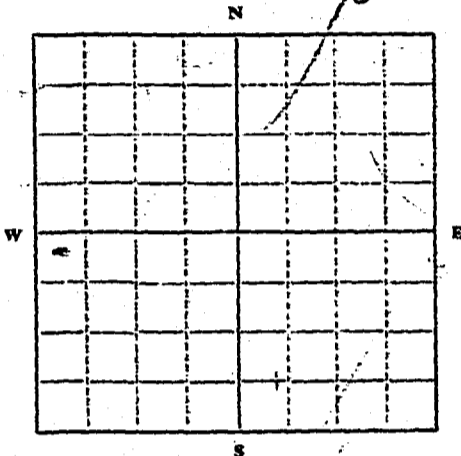
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Howard R. Johnson of Medicine Lake
(Name of Appropriator) (Address) (Town)

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



NW 1/4 SW Sec. 12 T. 32 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 Invested household irrigate

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910s used every day since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 to 7 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 Mrs. Gardner, 6 acres alfalfa

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder, see notes

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

8. The depth of water table 100 ft to water - from 4' to 6' of water

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 Bored 2 ft

10. The estimated amount of groundwater withdrawn each year 500,000 gal or more

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.

This well has been pumped day & night for 10 to 15 days at a time and has never showed any sign of going dry.
Signature of Owner Howard R. Johnson
Date Dec 24, 1963

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

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

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

334799 #348

STATE OF MONTANA, } ss.
County of Sheridan.

Filed this 30 day of

December A. D. 1962

at 12:05 o'clock P. M.

L. D. Nieland
County Recorder

Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—28687

File No. _____

W. 1/2

Sec. 13, 32 N R 56

DUPLICATE

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, F.A. & Caroline Snellman, of Medicine Lake,
(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:

Sec. 13-32-56 R

NW 1/4 NW Sec. 13 T. 32 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, Cattle and Horses
- Date or approximate date of earliest beneficial use; and how continuous the use has been
one well has been used Winter and Summer since 1912
The other well has been used since Jan. 1958
- The amount of groundwater claimed (in miner's inches or 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
One Well water drawn with Windmill and pump
The other with Electric Motor and pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced Digging Dec. 1957, completed Jan. 31 / 1958
- The depth of water table
109' Coal and Water 138' Sandy clay and 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
The old well is 128' deep.
the second well is 140 1/2' deep.
- The estimated amount of groundwater withdrawn each year
182500 Gallons
- The log of formations encountered in the drilling of each well if available
the second well 56' clay to 90' dry sand. to 97' clay. to 103' gravel. to 108' clay.
109 coal and water. 131 clay and coal traces. 138 sandy clay & water 140 1/2' 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

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.

35603

335154 INDEXED

#525

STATE OF MONTANA, ss.
County of Sheridan

Filed this 21 day of

Jan

A. D. 1967

at 12:05 o'clock P. M.

L. H. Nelson
County Recorder

Deputy

NOT PUBLIC
NOT TO BE REPRODUCED
OR TRANSMITTED IN ANY MANNER
WITHOUT THE WRITTEN PERMISSION
OF THE COUNTY CLERK OF SHERIDAN COUNTY
MONTANA

NOT PUBLIC
NOT TO BE REPRODUCED
OR TRANSMITTED IN ANY MANNER
WITHOUT THE WRITTEN PERMISSION
OF THE COUNTY CLERK OF SHERIDAN COUNTY
MONTANA

NOT PUBLIC
NOT TO BE REPRODUCED
OR TRANSMITTED IN ANY MANNER
WITHOUT THE WRITTEN PERMISSION
OF THE COUNTY CLERK OF SHERIDAN COUNTY
MONTANA

File No. _____

T 32^N R 56

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

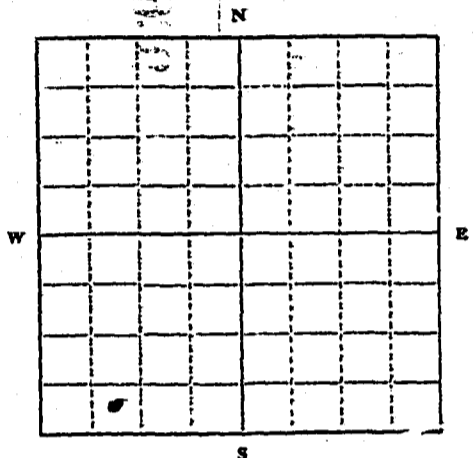
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Wesley J. & Elaine E. Hoyt of Medicine Lake
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 Sec. 15 T. 32 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 is for stock, household, & garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910
use has been continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal with pump & elec. motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

8. The depth of water table 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 1 1/2 inch pipe pump jack and 2 in. cylinder with 1 1/2 in. pipe pump jack and with 1 hp elec. motor. depth 200 ft.

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 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

Signature of Owner W. J. Hoyt

Date 12-30-1963

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.

RECORDED

334936

#471

STATE OF MONTANA, ss.

County of Sheridan.

Filed this 31 day of

December A. D. 19 53

at 1:00 o'clock P. M.

Ed. Nelson
County Recorder

Deputy

32-56 33

File No. _____

T. 32N R. 57E

DUPLICATE

County Sheridan

STATE OF MONTANA Medicine Lake National Wildlife Refuge
ADMINISTRATOR OF GROUNDWATER CODE Medicine Lake, Sheridan
OFFICE OF STATE ENGINEER County, Montana
(Headquarters Well)

Declaration of Vested Groundwater Rights 1964

The United States of America
By J. T. Barnaby, Acting Regional Director
Bureau of Sport Fisheries & Wildlife
Fish and Wildlife Service
Department of the Interior

STATE ENGINEER

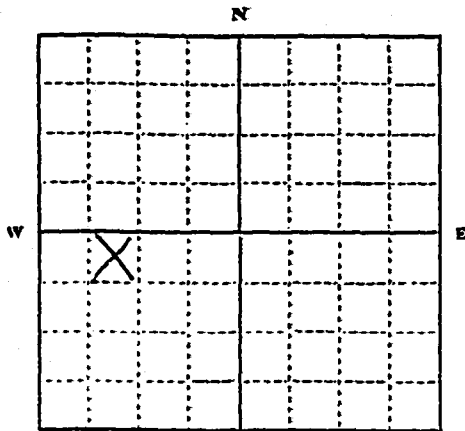
P. O. Box 3737

of 1002 N. E. Holladay Street, Portland
(Address) (Town)

(Name of Appropriator)

County of Multnomah State of Oregon 97208

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



NW SW 33 32N 56E
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 domestic water supply.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1936, continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 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 3 acres NW 1/4 Sec. 33 T. 32N., R. 56E. The United States of America, Medicine Lake National Wildlife Refuge.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electrically driven centrifugal 2" pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1936. (The only data available.)

8. The depth of water table 4 feet - (affected by Medicine Lake water level).

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug cistern of about 4' x 8' x 15' deep - lined with concrete block. A second cistern of similar dimensions was dug January - April 1940 to augment this well and the two cisterns are connected with open pipe. The second cistern is the one the pump suction pipe is actually in.

10. The estimated amount of groundwater withdrawn each year 10 acre feet. Supplies 2 residences, shop-office plus irrigation.

11. The log of formations encountered in the drilling of each well if available Nothing available other than "a thick vein of quicksand was encountered."

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 _____

original signed by
Signature of Owner J. T. Barnaby
J. T. Barnaby, Acting Regional Director
Date December 18, 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.

334735

#303

STATE OF MONTANA,
County of Sheridan.

Filed this 26th day of
December A. D. 1903

at 11:00 o'clock A. M.

L. J. Neider
County Recorder

Deputy

RECORDED
INDEXED

SEARCHED
SERIALIZED
INDEXED
FILED

DEC 27 1903

DEPT. OF REVENUE

STATE OF MONTANA

RECORDS

RECORDS

RECORDS

File No. _____

T. 32^N R. 57^E

DUPLICATE

County Sheeiden

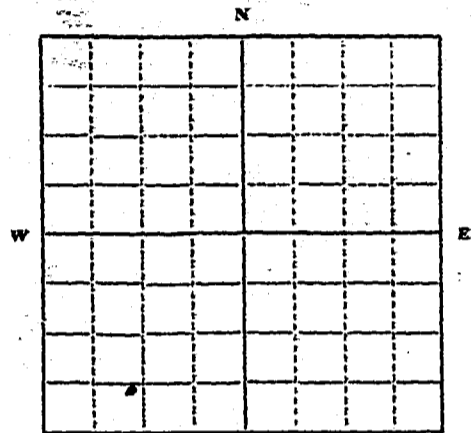
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 15 1964
STATE ENGINEER

1. Clifford A. Stromberg, of Medicine Lake
(Name of Appropriator) (Address) (Town)
County of Sheeiden State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 2^S 32 57
SW 1/4 Sec. 32 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 Farm
general use

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

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

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

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

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 80' well 30' water

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
bored well 2 diam 80 deep

10. The estimated amount of groundwater withdrawn each year 250 000 gals

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

Signature of Owner Clifford A. Stromberg
Date Dec 31, 1963

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

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

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

334964

#499

STATE OF MONTANA, ss.
County of Sheridan.

Filed this 31 day of

December A. D. 19 13.

at 4:00 o'clock P. M.

H.P. Nelson
County Recorder

Deputy

GW 2

File No.

DUPLICATE

T. 32^N R. 57^E 6
County Sheephead

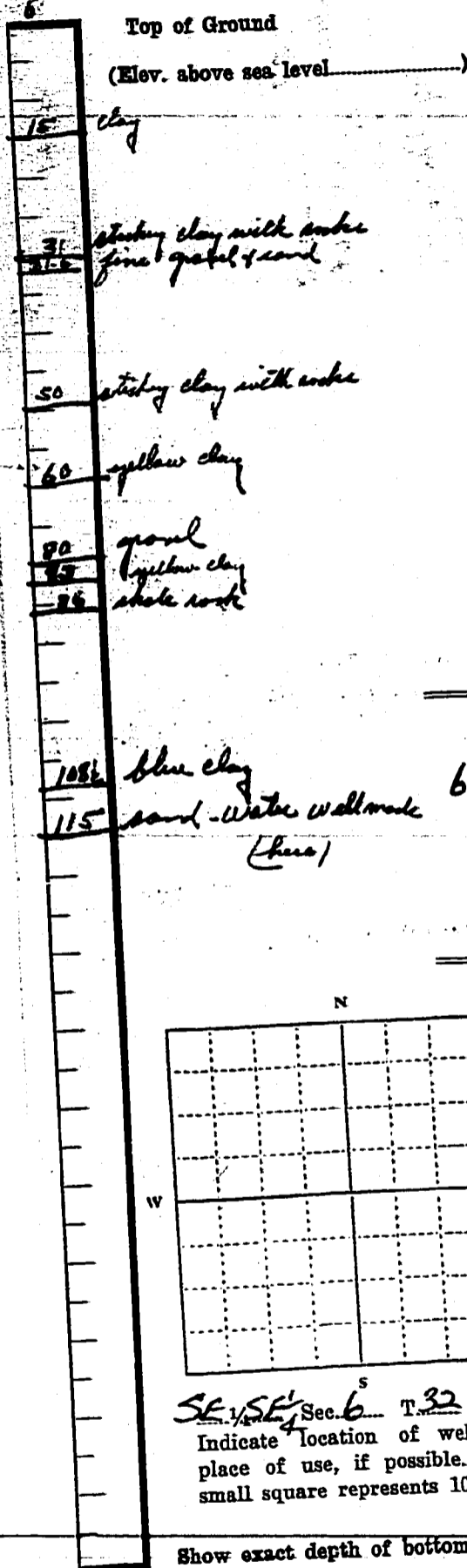
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
Dec. 3, 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER



Owner Living Stone Address Med Lake, Mont
Driller Western Drilling Co Address Med Lake, Mont
Date of Notice of Appropriation of Groundwater 10-1-64
Date well started 11-17-64 Date Completed 11-25-64
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"	4" I.D. steel 11 lb per ft	0	112'			

Static Water Level for non-flowing Well 67 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 112 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Pump Length of Test one hour

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) a seal between

ground of casing was made by welding a ring around casing 3ft up from lower end and set into a hole smaller than casing thus making a shut off above.

SE 1/4 Sec. 6 T. 32 R. 57
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 106

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.

38749

337987

#541

STATE OF MONTANA,

County of Sheridan,

Filed this

27

November

A. D. 1964

at 12:15 o'clock P. M.

[Signature]
County Recorder

Deputy

COMMISSIONER OF STATE LANDS
STATE OF MONTANA

Office of the
Commissioner of State Lands
of Montana

[Handwritten signature]

[Vertical handwritten notes and signatures on the right side of the document]

File No. _____

T. 32¹ R. 57

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 15 1965

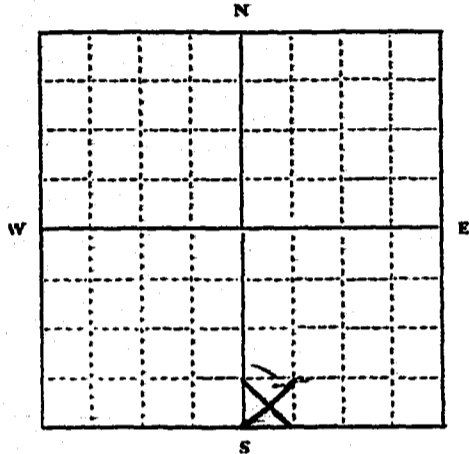
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Roger V. Nelson, of Medicine Lake, Mont.
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4 Sec. 7 T. 32 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 farm and
house use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 22, everyday

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 gal. 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

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

Submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 12 - February 15

8. The depth of water table 72'

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 other wells

10. The estimated amount of groundwater withdrawn each year 100,000 gal.

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

1-48 Blue clay, 48-76 solid rock, 76-122 yellow clay, 122 base of blackjack, 122-161 light blue clay, 161-162 brown gran. water

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

Signature of Owner Roger V. Nelson

Date 4-7-65

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.

39070

339218 548

STATE OF MONTANA,
County of Sheridan.

Filed this 14 day of
April A. D. 1965

at 9:00 o'clock 9 M.

L. D. Nelson
County Recorder

By Myrtle Hall
Deputy

RECORDED
INDEXED
APR 14 1965
SHERIDAN COUNTY CLERK

APR 14 1965
SHERIDAN COUNTY CLERK

Form No. 18
8-60

23

T. 32N R. 57E

County Sheldon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG

L.W. Bonfield owner

~~Owner~~ Edward Smith owner Address Dayton, Mont.

Driller Western Drilling Co Address Madison, Mont.

Date Started Sept. 22, 1961 Date Completed Sept. 25, 1961

Location: ~~sec.~~ 25 T. 32 R. 57 $\frac{1}{4}$ sec. SE⁴ SW⁴ 25

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 81 ft. Type steel Size 4"

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

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

Perforated or ~~screened~~: Ft. 75 to ft. 81 . Ft. _____ to ft. _____

Type of screen or perforations fine cuts in steel casing

Static Water level, for non-flowing well: 10ft feet.

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

Pumping water level 20ft feet at 15 gal. per min.

How tested: Pump

Length of test 3 hours

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

8" hole was drilled to 81ft - 4" casing was cemented off hole and fine gravel was put around casing up above perforations and then dirt was filled remainder of hole to top of gravel.
(over)

File No. _____

DUPLICATE

T 32 N R 57 E
County Sheridan 26/27

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

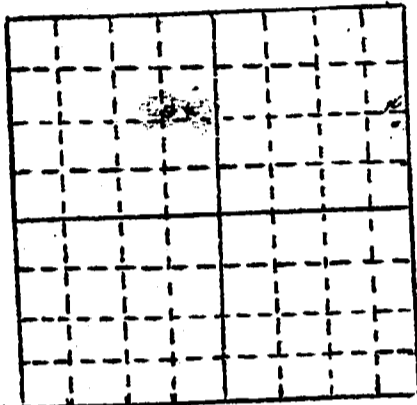
RECEIVED
APR 17 1964

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

STATE ENGINEER

1. F.A. & Caroline Snellman, of Medicine Lake (Town)
(Name of Appropriator) (Address)

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



N.W. 1/4 S 26 32 57
N.E. 1/4 Sec. 27 T. 32 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 Cattle And Horses
3. Date or approximate date of earliest beneficial
use; and how continuous the use has been
1961 And has been used 6 or 7 months A year
every year since, in the summer
4. The amount of groundwater claimed (in miner's
inches or 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 A Well on east side of said 27
1/4 Drawn by Windmill and pump
Also surface water on N.E. 1/4 of sec. 26, 32, 57
7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater In fall of 1961 and completed in
spring of 1962
8. The depth of water table 4' 6" when the ground water is high
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' by 6' by 10' Deep
wood Curbing
Also surface water on N.W. 1/4 of sec. 26, 32, 57
10. The estimated amount of groundwater withdrawn each year 180,000 Barrels
11. The log or formations encountered in the drilling of each well if available
Sandy soil about 5' and quick sand the rest of the way
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

F. Snellman
Caroline Snellman

Date

1/21/64

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.

35604

335155 # 526

INDEXED

STATE OF MONTANA
County of Sheridan

Filed this 21 day of Jan A. D. 1967

at 12.05 o'clock P. M.

L. N. Nolen
County Recorder

Deputy

GW

File No. _____

DUPLICATE

RECEIVED
MAY 20 1964

Approved Stock Form - State Publishing Co., Helena, Montana 40876

T. 32 N. R. 58

County Sheridan

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

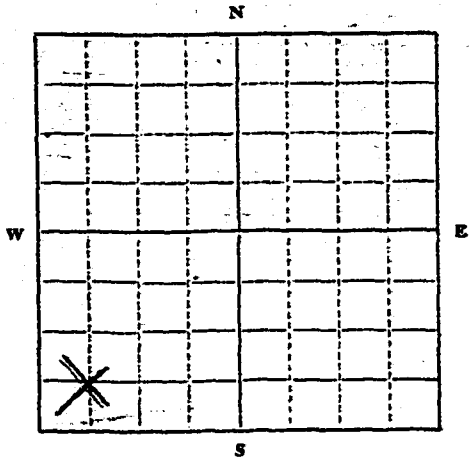
RECEIVED
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Rasmussen of Dagmar 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:



SW 1/4 Sec. 1 T. 32 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 and household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan 16th 1957
daily use

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. commencement date Jan 1 1957

8. The depth of water table. 40 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 trench 140 ft deep

10. The estimated amount of groundwater withdrawn each year. 737.00

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

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

Signature of Owner Harold Rasmussen
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.

33084

334835

#384

X

STATE OF MONTANA ss.

Filed this 30 day of

October A. D. 1903

at 4 o'clock P. M.

L. P. Nelson
County Recorder

Deputy

W. J. ...

W. J. ...

... ..

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... ..

... ..

24 24

RECORDED

File No. _____

T 32 N 58 R
County Sheridan

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

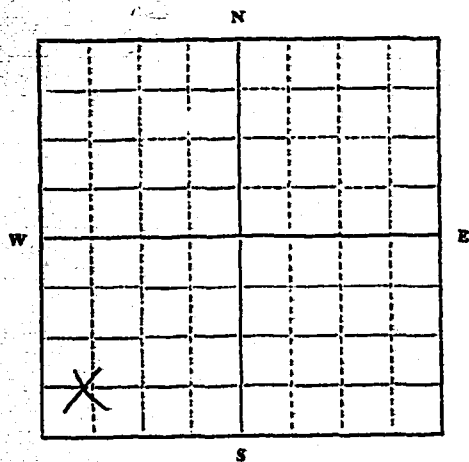
RECEIVED
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Harold Rasmussen of Dagmar Montana
(Name of Appropriator) (Address) (Town)
County of Sheridan State of _____

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



SW 1/4 Sec 2 T 32 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 Cattle use
- 3. Date or approximate date of earliest beneficial use: and how continuous the use has been April 1935 daily use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 Centrifugal pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commencement date April 1st 1935. Completion date April 20th 1935.
- 8. The depth of water table 50 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, 6 inch 50 ft deep.
- 10. The estimated amount of groundwater withdrawn each year 19250 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.

Signature of Owner Harold Rasmussen
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.

33083

334834

#383

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

Filed this 30 day of

December A. D. 1913

at 4:00 o'clock P. M.

L. A. Nelson
County Recorder

Deputy

12

File No. _____

T 32 R 58

DUPLICATE

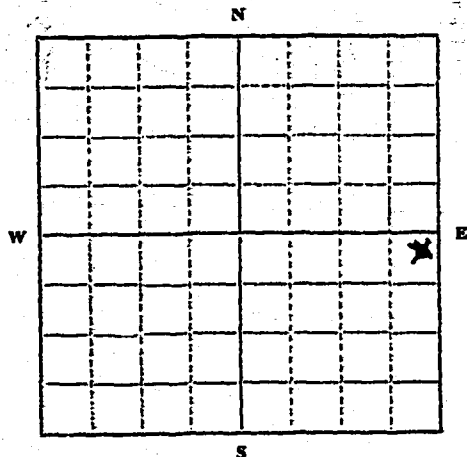
County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 15 1964

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

1. Jens L. Nielsen, of Dargma Mont.
(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 SE Sec 10 T 32 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 livestock + household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 continuous

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

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 10-32-58 Jens L. Nielsen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
piston 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 32 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
Case 6 inch 80 FT

10. The estimated amount of groundwater withdrawn each year 1 Million

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 Jens L. Nielsen
By: Carroll E. Nielsen
Date 30 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.

33052

334803 - # 352

STATE OF MONTANA

County of Sheridan

Filed this 30 day of

Dec. A. D. 1962

at 12:05 o'clock P. M.

L. D. Nielsen
County Recorder

Deputy

GW

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

File No. _____

T. 32 58
R. Sheridan
County _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

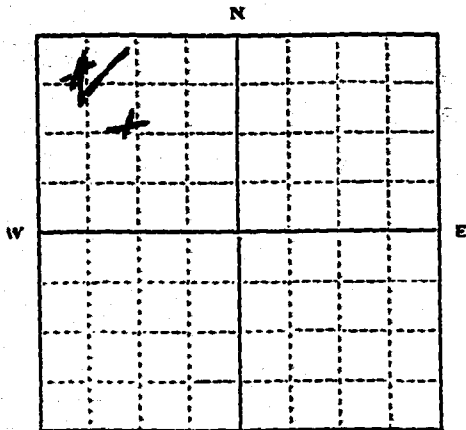
JAN 15 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Jeppé H. Sorensen, of R. 1 Dagmar
(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 $\frac{1}{4}$ NW Sec. 11 T. 32 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 Spraying, Human Consumption, Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 on

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 N^o 4 11-32-58

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed - 1954
Completed - 1961 & completed - 1963

8. The depth of water table 32 feet from 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 100 feet

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

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

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

Signature of Owner Jeppé H. Sorensen

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.

33049

334800 # 349

STATE OF MONTANA, ss.
County of Sheridan

Filed this 30 day of

Dec. A. D. 1963

at 12:05 o'clock P. M.

J. J. Neelan
County Recorder

Deputy

Form No. 18
8-60

T. 32N R. 58E
County Sheeider

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 16 1961

WATER WELL LOG

Owner Sam Jansen Address Daguerre Mont.
 Driller Western Drilling Co Address Mad Lake Mont.
 Date Started 11-3-61 Date Completed 11-9-61
 Location: Sec. 11 T. 32 R. 58 $\frac{1}{4}$ sec. NW⁴ - NW⁴ - sec 11

STATE ENGINEER

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 95 ft. Type steel Size 4"

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

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

Perforated or screened: Ft. 90 to ft. 95. Ft. _____ to ft. _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 50 feet.

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

Pumping water level 70 feet at 7 gal. per min.

How tested: pump

Length of test 2 hours

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

8" hole was drilled to 95ft. Casing was cased in middle of hole
screened gravel was poured around casing above perforations, remainder of
hole around casing was filled with dirt.
(over)

File No. _____

T 32^N R 58⁶ - 12
County _____

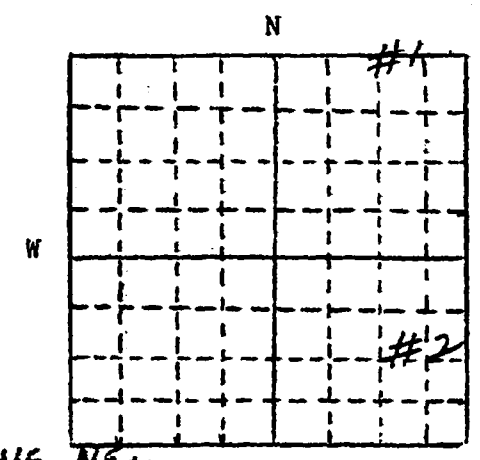
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 15 1964

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

1. Loren H. Rasmussen, of Dargman ~~Mont~~
(Name of Appropriator) (Address) (Town)

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



NE+NE+ S
Sec. 1/4 SE+ Sec. 12 T. 32 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
both household + stock

3. Date or approximate date of earliest beneficial
use; and how continuous the use has been
1955 and well #1 - 1963

4. The amount of groundwater claimed (in miner's
inches or gallons per minute) 10 gals per min

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

6. The means of withdrawing such water from the
ground and the location of each well or other
means of withdrawal 2 in P. Cylinder

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater 1955 and 1963

8. The depth of water table 50 ft to water in both

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. in casing = 1 well 240 #2 well 245

10. The estimated amount of groundwater withdrawn each year 0,000 gal

11. The log or 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 Loren H. Rasmussen
Date Jan 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the County
in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

334920

#455

STATE OF MONTANA, ss.

County of Sheridan

Filed this 31 day of December A. D. 19 63

at 1:00 o'clock P. M.

L. D. Nelson
County Recorder

Deputy

Form 3001
Department of State
Montana

DEPARTMENT OF STATE
MONTANA

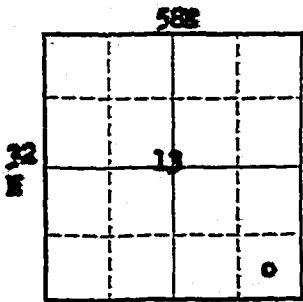
RECEIVED
MAY 9 1961

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 32N R. 58E
County Sheridan

WATER WELL LOG



Owner Signal Drilling Address 415 Lyndon Club Drive, Colo
Driller Western Drilling Co. Address Medicine Lake, Mont.
Date Started 4-10-61 Date Completed 4-22-61
Location: Sec. _____ T. _____ R. _____ 1/4 sec. _____

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: To be used to drill oil well

Casing: 0 ft. to 295 ft. Type steel Size 4-1/8"

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

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

Perforated or Screened: Ft. none to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations none

Static Water level, for non-flowing well: 60' feet.

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

Pumping water level 100 feet at 15 gal gal. per min.

How tested: bailer

Length of test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Casing was put into gravel 2 1/2', thus water comes up through gravel entering bottom of casing.

(over)

File No. _____

T 32 N R 58 *14*

County Sheridan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

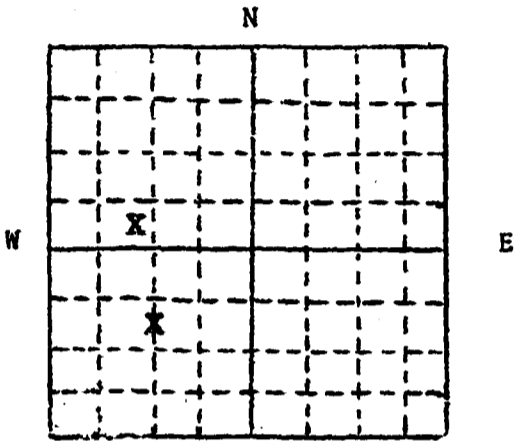
R **10**
JAN 15 1964

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

STATE ENGINEER

I. _____, of _____
(Name of Appropriator) (Address) (Town)

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



SW 1/4 14 S 32 T. 58
NW 1/4 14 Sec. 32 T. 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

3. Date or approximate date of earliest beneficial
use; and how continuous the use has been
1908, both wells drilled
Continued use since
4. The amount of groundwater claimed (in miner's
inches or gallons per minute) 15'; both
wells
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
irrigation for yard, trees and lawn
6. The means of withdrawing such water from the
ground and the location of each well or other
means of withdrawal pumps on both wells

7. The date of commencement and completion of the construction of the well, wells, or
other works for withdrawal of groundwater 1908
8. The depth of water table about 100', both wells, water vein; water 60'
from 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
about 100 feet depth
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log or 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

Signature of Owner _____

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the County
in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

334899

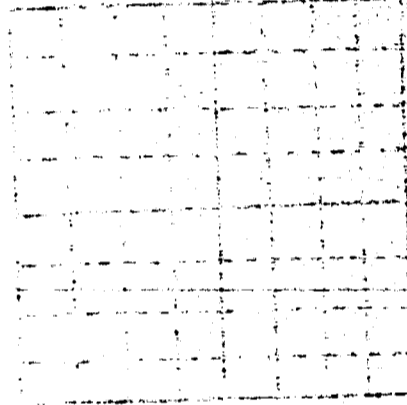
#434

STATE OF MONTANA, ss.
County of Sheridan.

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

L. D. Nelson
County Recorder

Deputy



RECORDS
DEPARTMENT
SHERIDAN COUNTY
MONTANA
1963

RECORDS
DEPARTMENT
SHERIDAN COUNTY
MONTANA
1963

14

T. 32N R. 58E

County Sheldon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 8 1961

WATER WELL LOG

STATE ENGINEER

Owner C. Brinkman Leue Address Dagma

Driller Western Drilling Co Address Med Lake Mont.

Date Started 4-10-61 Date Completed 4-14-61

Location: Sec 4 T. 32N R. 58E 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 200ft 6in 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: 50ft feet.

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

Pumping water level 80ft feet at 10 gal gal. per min.

How tested: bailey

Length of test: 1 hour

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

water above was shut off at first coupling 7ft 6"
from bottom of casing string.

(over)

File No. _____

T 32^N R 58^W 16

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 22 1964
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 _____)
 To _____
 2 Top soil
 18 sand & boulders
 26 Clay & gravel
 49 sand
 200 soft clay
 506 sand
 520 soft clay
 549 mostly sand
 560 sand & gravel water

Owner Melvin Larsen Address Bayman Mont

Driller ALBERT ANDERSEN Address MEDICINE LAKE

Date of Notice of Appropriation of Groundwater June 2 - 1964

Date well started May 25. 64 Date Completed June 2 - 1964

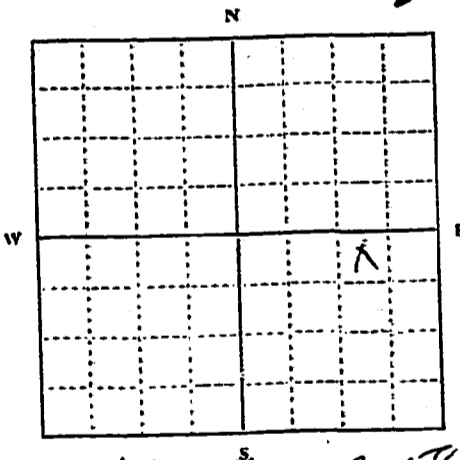
Type of well dug Equipment Used rotary

(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	From (Feet)	To (Feet)
5 1/2	4 inch I. D. 10 lbs per ft.	2	260	None		



Section 16 T 32 R 58
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at _____ gal per minute.

Discharge in gal per min. of flowing well 4 gals per min.

How Tested Pump Length of Test 5 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) developed

with air compressor, pumped over 100 gals. per min. for 1 hour

106
Driller's License Number
Albert Andersen
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.

38210

336546

0 10 20 30 40 50 60 70 80 90 100

Handwritten notes and signatures in the top right section, including names like "Clerk" and "Deputy".

STATE OF MONTANA, ss.
County of Sheridan

Filed this 17th day of July A. D. 1917
at 2:00 o'clock P. M. in the County of Sheridan

L. D. Nelson
County Recorder
By Myrtle Wallace
Deputy

Extensive handwritten notes and signatures in the bottom right section, including names like "Myrtle Wallace" and "L. D. Nelson".

Handwritten numbers and text in the bottom right corner, including "1.68", "1.00", and "2.00".

File No. _____

T 32 R 58 20
County Sheridan

DUPLICATE

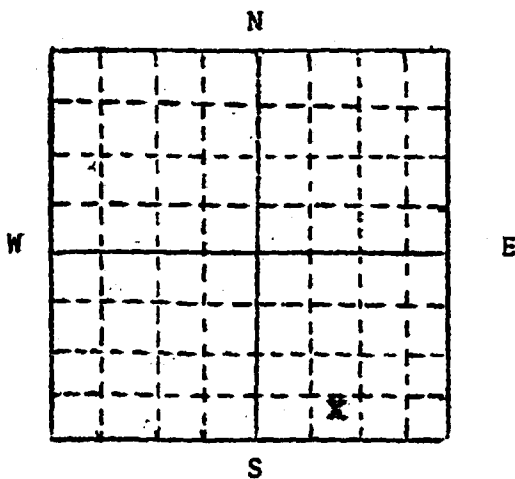
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 15 1964
STATE ENGINEER

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

I, FOLMER CHRISTENSEN, of Daguer, 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:



SW 1/4 Sec. 20 T. 32 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
household and livestock, irrigation
3. Date or approximate date of earliest beneficial
use; and how continuous the use has been
1906; continuous use
4. The amount of groundwater claimed (in miner's
inches or gallons per minute)
water is 16' in depth
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
about two acres, Section 20, Twp.
32 Rge. 58
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 1906; recourbing about 1960
8. The depth of water table 16'
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 32'
10. The estimated amount of groundwater withdrawn each year 800,000 gallons
11. The log or formations encountered in the drilling of each well if available
none available
12. Such other information of a similiar 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

Signature of Owner _____

Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the County
in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be
returned.

334895

#430

STATE OF MONTANA ss.
County of Sheridan.

Filed this 31 day of
December A. D. 19 03
at 1:00 o'clock P. M.

L. A. Neuber
County Recorder

Deputy

RECORDED
INDEXED
DEC 31 2003
SHERIDAN COUNTY CLERK'S OFFICE

NOTARY PUBLIC
SHERIDAN COUNTY, MONTANA
COMMISSION EXPIRES 12/31/04

File No. _____

T 32^N R 58^E

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

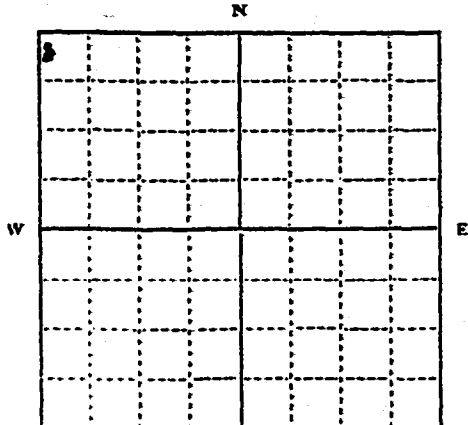
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

MRS MARIA HANSEN, of B.F.D. 1 DAYMAR
(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:



W 1/2 NW 1/4 N 1/2 of SW 1/4
NW 1/4 NW Sec. 23 T. 32 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 Livestock and House Hold

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 Continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
W 1/2 NW 1/4 N 1/2 Sec 23-32-58 160 MRS. MARIA HANSEN.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920 AND 1941

8. The depth of water table 5 ft. 35 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
POWER Deep Well Jet. 3/4 HORSE

10. The estimated amount of groundwater withdrawn each year 500000 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 Mrs Maria Hansen
By Dennis H. Hansen
att'y in fact

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.

33051

334802

#351

STATE OF MONTANA ss.

County of Sheridan

Filed this 30 day of

December A. D. 1913

at 12:05 o'clock P.M.

J. M. Nelson
County Recorder

Deputy

T 32 R 58

File No. _____

DUPLICATE

County Shrader

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 17 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0
10
55 sandy clay
70 sand - little gravel
110 soft much clay
190 harder clay
206 sand
268 coal
280 clay
230 sand & gravel water

Owner PHILLIPS PETROL Address Box 938 CUT BANK MONTANA

Driller ALBERT ANDERSEN Address MEDICINE LAKE

Date of Notice of Appropriation of Groundwater JUNE 11 - 1964

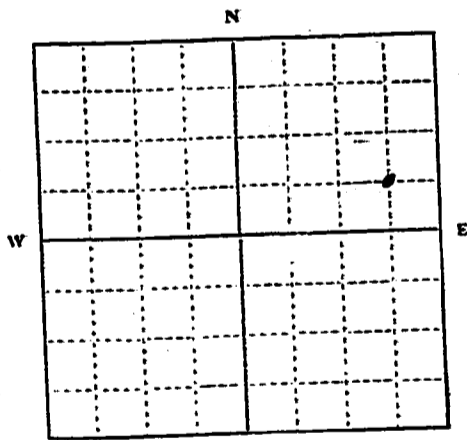
Date well started JUNE 2 - 1964 Date Completed JUNE 11 - 1964

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)
<u>5 3/4</u>	<u>4 inch I. D.</u>	<u>0</u>	<u>230</u>	<u>none</u>		



SE 1/4 Sec 23 T.32 R.58
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 50 feet.

Shut-in Pressure for Flowing Well 0

Pumping Water Level 60 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMP & BAUER Length of Test PUMP 8 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) Well was

also pumped with compressed air to develop - at about 50 gal. per min. for 1 hour

106
Driller's License Number

Albert Andersen
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.

38196

336494
336494

STATE OF MONTANA
County of Sheridan

Filed this _____ day of _____
A. D. 19__

at _____ o'clock _____ M.
County Recorder

Deputy

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said County at _____
this _____ day of _____ A. D. 19__

_____ COUNTY RECORDER
_____ DEPUTY

_____ BOJAKA
_____ NOV 11 - 1924
_____ NOV 11 - 1924

RECORDED
INDEXED
O
A 30
MAY 11 1924

File No. *Hanson, Anderson Unit #1*

T. *32 R. 58 E*

County *Shelburne*

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
AUG 22 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

Owner *James C. Hanson, Anderson Unit #1*
Address *Box 46, Dagnan*
Driller *Edward H. Prather*
Address *Logan, W. Dak.*

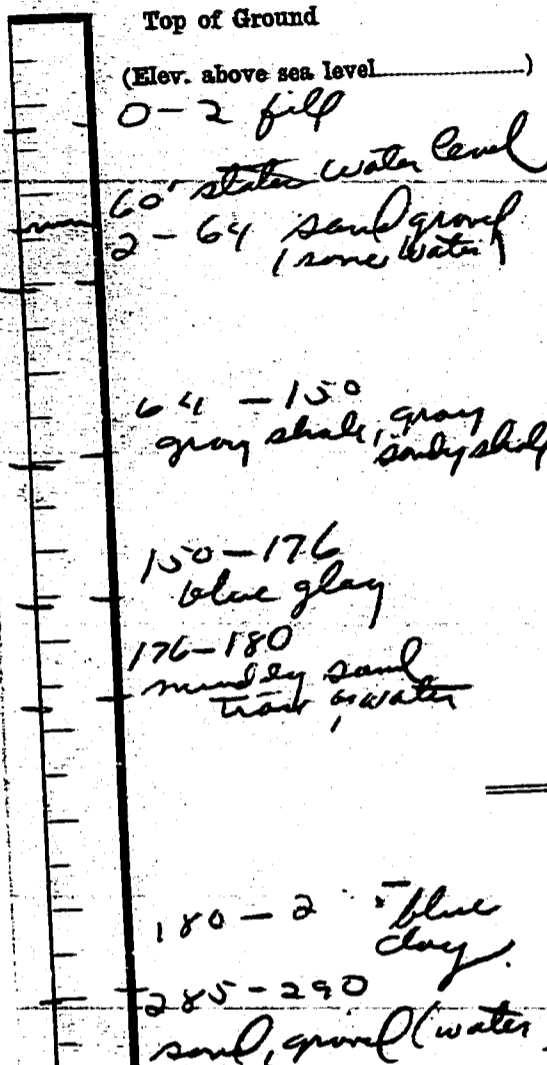
Date of Notice of Appropriation of Groundwater _____

Date well started *Aug 1st* Date Completed *Aug 1st*

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>1 1/2</i>	<i>4 1/2"</i>	<i>1' above surface</i>	<i>285</i>	<i>open hole</i>		
				<i>Completed with gravel pack</i>		

Static Water Level for non-flowing Well *60* feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level *120* feet at *10-15* gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested *hand tested* Length of Test *2 hours*

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

acres irrigated, if used for irrigation) *dry shore*

*to top of sand gravel (water bearing formation) well gravel packed itself
drill slot on bottom*

SESE 1/4 Sec. *24* T. *32 R. 58 E*
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

138
Driller's License Number

Edward H. Prather
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.

5503

Business

333219 #165

STATE OF MONTANA
 County of Sheridan
 Filed this 20th day of
 August A. D. 1963
 at 12:00 o'clock P. M.
 J. D. Nelson
 County Recorder
 Deputy

[Faint, mostly illegible handwritten notes and signatures, possibly including names like "J. D. Nelson" and "Deputy"]

W.I.
File No. P. Olson

T. 32N R 58E 2.4
County Sheridan

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

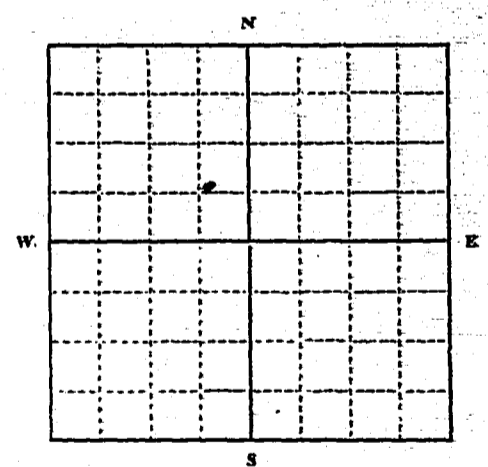
RECEIVED
AUG 22 1963
STATE ENGINEER

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

- I, James A. Lewis Eng. of Box 46 Harmon
(Name of Appropriator) (Address) (Town)
County of Sheridan, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is This water is used
To Cut The Sodium Chloride which is being produced
(describe lands to be benefited, if for irrigation) From The oil zone near
The water well
- The rate of use in gallons per minute or miner's inches of groundwater claimed 4-6 gals per min
- The annual period (inclusive dates) of intended use 2 To 3 hrs. Per. day
- The probable or intended date of first beneficial use latter part of Aug.
- The probable or intended date of commencement and completion of the well* or wells*
Commencement Aug 1st. Completion Aug 15
- The location, type, size and depth of well or wells contemplated oil well site
4 1/2" dia. 50' - 300' deep
- The probable or estimated depth of the water table or artesian aquifer 50' - 300'
- Name, address and license number of the driller engaged Edward H. Prother
Box 732 Tioga N. Dak License #138

10. Give such other similar information as may be useful in carrying out the policy of this act.

same as line #2



SE 1/4 Sec. 24 T. 32N R. 58E
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Melvin E. Hays
Date July 28, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.