

File No.

DEC 12 1965

T. 14 N R. 28 E 3

DUPLICATE

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

LOG

Top of Ground

(Elev. above sea level.....)

0
3 Surface Soil
16 Gravel Course
22 Shale
117 Shale - Silty - black
119 Fine grain - Lignite
Sand Stone
152 Eagle sand T.O.

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gary Gerahmel Address Winnett, Mont.

Driller B. M. Munson, Co. Address Great Range, Mont.

Date of Notice of appropriation of groundwater Not applicable

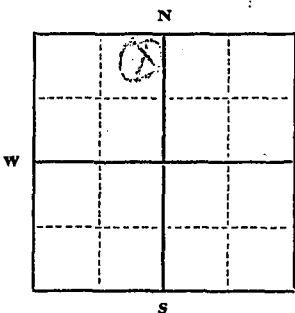
Date well started Nov. 22 - 1966 Date completed Nov. 27 - 1966

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

Water use: Domestic [] Municipal [] Stock [x] 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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static Water Level for non-flowing well feet.

Shut-in Pressure for Flowing Well 40#

Pumping Water Level feet

at gal. per minute.

Discharge in gal. per min. of flowing well 25

How Tested

Length of Test

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

NE 1/4 NW Sec. 3 T. 14 R. 28
Indicate location of well and place of use, if possible. Each small square represents 40 acres.
Cemented 0-22
Cave type
Basket Packer
Sil @ 124' - Cemented
0-124 - 22' surface

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

26
Driller's License Number
B. M. Munson
Driller's Signature

41421

3

T. 14 R. 28

County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 2 1960

WATER WELL LOG

STATE ENGINEER

X		
	3	

Owner C. R. Saylor Address Minnetonka, Minn.

Driller P. L. Ferguson Address Roundup, Mont.

Date Started Oct 10, 1960 Date Completed Oct 14, 1960

Location: Sec. 3 T. 14 R. 28 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 1 ft. to 18 ft. Type steel Size 8 5/8

Casing: 1 ft. to 10 1/2 ft. Type steel Size 4 1/2

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: 25 lb./sq. in. on: Oct 14, 1960 (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)

Cemented with 15 sacks (4 1/2)



(over)

File No. 97 192
DUPLICATE

T. 14 N. 28 E. 4
County P. C. R. A. S. M.

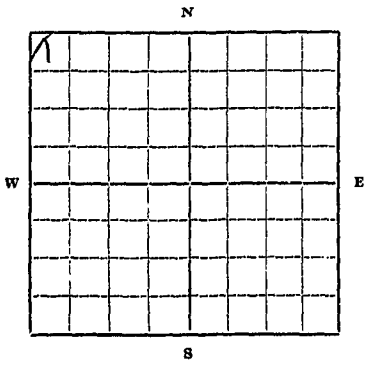
Flowing

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
DEC 23 1963
STATE ENGINEER

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

1. Raymond H. Kinde, of Winnett
(Name of Appropriator) (Address) (Town)
County of P. C. R. A. S. M. State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 4, T. 14 R. 28
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
W. C. S. J.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec. 1961
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 gal. per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing Well

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec. 2-1961 Dec. 23-1961
- 8. The depth of water table ground level & flowing
- 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 None
Drilled well 4 1/2 in. casing 18 ft.
- 10. The estimated amount of groundwater withdrawn each year 215,000 gal.
- 11. The log of formations encountered in the drilling of each well if available 1-12 sand & gravel
12-30 shale, 30-45 sandstone, 45-115 shale, 115-120 sandstone
120-140 sandy shale, 140-150 sandstone
150-180 sandstone & 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 file # 97

5533

Signature of Owner Raymond Kinde
Date 12-18-63

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.

22338

File no 192
Bed

STATE OF MONTANA, }
County of Petroleum, }^{SS.}

Filed DEC 19 1963 10.

at 12:35 o'clock P. M.

Darryl L. Dwyer
Director of Records.

W. H. D. Dwyer Deputy

Form No. 18
8-60

T. 14 R. 28
County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

A		

Owner Raymond W. Kindt Address Winnett, Montana

Driller George A. Singley Address Lawton, Oklahoma

Date Started October 20, 1961 Date Completed October 23, 1961

Location: Sec. 4 T. 14 R. 28 $\frac{1}{4}$ sec. NW 4 - NW 4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

^{Above ground} Casing: 3 ft. to 180 ft. Type 3 & 3 Size 4" tubing

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

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

Perforated or Screened: Ft. 140 to ft. 170 . Ft. _____ to ft. _____

Type of screen or perforations slats

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

Shut-in pressure, for flowing well: 0 lb./sq. in. on: 10-23-61
(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)

Sealed with packer cement

(over)

File No. 90

T. 14 R. 28E

DUPLICATE

County Pe. Graham

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

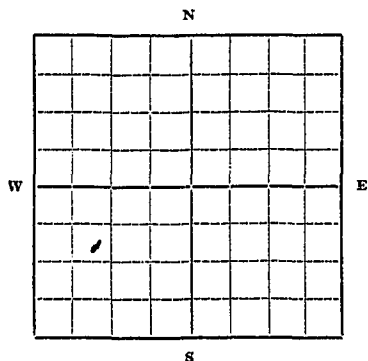
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Raymond H. Kindt
T. N. Sunders (Name of Appropriator), of Winneba (Address) (Town)
County of Pe. Graham State of Mont.

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



N.W. 1/4 Sec. 5 T. 14 R. 28E

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 Aug - 1961
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 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 7.077e
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing Wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 26 - 1961 Aug 27 - 1961

8. The depth of water table 35 ft. ground level of Flowing

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 None
Drilled well 4 1/2 in casing 14.5 ft.

10. The estimated amount of groundwater withdrawn each year 715,000 gal.

11. The log of formations encountered in the drilling of each well if available 1-15 clay & gravel
1.5-9.0 shale 90-95 ft. 85-115 shale
11.5-14.5 sandstone water 60 gal. per min.

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 file 90
Blk 87 page 374

Signature of Owner T. N. Sunders

Date 12-18-63

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.

:22332

File # 198
Bld

STATE OF MONTANA,
County of Petroleum,

DEC 19 1963

12:30 o'clock P. M.

Donny D. Stengel
Director of Industry

W. J. ... Deputy

Water well Log # 90

14N 28E

5

19920

State of Montana,)
County of Petroleum.)

I hereby certify that the instrument to which this certificate is annexed, is true, complete and correct copy of the original on

record in my office.

Witness my hand and seal of office

this 29th day of December 1961

Velma P. Merten
County Clerk and Recorder

Director of Records

State of Montana,)
County of Petroleum.) SS

KNOW ALL MEN BY THESE PRESENTS:

That I, Raymond H. Kindt, of Winnett, Montana, party of the first part, for and in consideration of the sum of One Dollar, and other valuable considerations, do hereby sell, assign and set over to T. N. Sandaker, of Winnett, Montana, the following:

That certain Water Well Log, dated and recorded on Sept. 15, 1961, Serial No. 19615, of the records of the County Clerk and Recorder, or Director of Records, of Petroleum County, Montana, covering the log of a well drilled by use of Rotary Equipment on the NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 5, in Township 14 North, Range 28 East, same being on lands and premises owned by the said T. N. Sandaker, party of the second part above mentioned.

Dated December 29th 1961.

Raymond H. Kindt

State of Montana,)
County of Petroleum.) SS

On this 29th day of December, 1961,

before me, the undersigned, a Notary Public for the State of Montana, personally appeared Raymond H. Kindt, known to me to be the person who executed the foregoing instrument, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my Notarial Seal the day and year in this certificate above written.

Geo. Blaine

Notary Public for the State of Montana
Residing at Winnett, Montana
My commission expires Aug. 13, 1963.

State of Montana, County of Petroleum.—ss.

Filed for record this 29th day of December, A. D., 1961, at 3:20 o'clock, P.M.,

and recorded in Book 87 of Misc., Page 374 records of Petroleum County, Montana.

Fees \$ 2.⁰⁰ Velma P. Merten Director of Records Deputy

Form No. 18
8-60

5

T. 14 R. 28
County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 18 1961

WATER WELL LOG

STATE ENGINEER

Owner Raymond H. Kindt Address Billings, Montana
Driller George C. Singley Address Leviatown, Montana
Date Started August 26, 1961 Date Completed August 27, 1961
Location: Sec. 5 T. 14 R. 28 $\frac{1}{4}$ sec. NE 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 181 ft. Type 3 1/2 Size 4 1/2 in.

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

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

Perforated or Screened: Ft. 115 to ft. 190 . Ft. _____ to ft. _____

Type of screen or perforations Slots

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

Shut-in pressure, for flowing well: 5 lb./sq. in. on: August 27, 1961
(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)

Installed with packer and cement.

(over)

6

T. 14 R. 28
County PETROLEUM

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
NOV 17 1957

STATE ENGINEER

Owner Jin Foulton & A.J. Bohm Address Winnett, Montana
Driller P.L. Ferguson Address Roundup, Montana
Date Started November 3rd, 1957 Date Completed Nov. 4th, 1957
Location: Sec. 6 T. 14 R. 28 1/4 sec

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other: _____

Casing: 0 ft. to 53 ft. Type Galvanized Size 5"

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

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

Perforated or Screened: Ft. 41 to ft. 53 Ft. _____ to ft. _____

Type of screen or perforations: _____

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

Shut-in pressure, for flowing well: None lb./sq. in. on: _____ (date)

Pumping water level: 29 feet at 15 gal. per min.

How tested: 2aled

Length of test: 10 Minutes

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

(over)

Form No. 18
8-60

T. T 14 R. 28
County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Jim Poulton Address Winnett, Montana

Driller George O. Singley Address Lewistown, Montana

Date Started August 1, 1961 Date Completed August 4, 1961

Location: Sec. 8 T. 14 R. 28 $\frac{1}{4}$ sec. NW SW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Above ground

Casing: 1 ft. to 260 ft. Type S & S Size 6 1/2 ID

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

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

Perforated or Screened: Ft. 235 to ft. 260 . Ft. _____ to ft. _____

Type of screen or perforations Slots

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

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

Pumping water level 100 feet at 20 gal. per min.

How tested: Bailing

Length of test 2 hr.

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

~~xxx~~ Sealed with rubber packers

(over)

File No. JAN 8 1966

T. 14^N R. 28^E 11

DUPLICATE

Bill to M. D. ...
Bulzer ...
County LOG
Dicker ...

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joseph Paul Lerna Self Address Winnett, Montana

Driller George O. Singley Address Lewistown, Montana

Date of Notice of appropriation of groundwater None

Date well started Dec. 18, 1965 Date completed Dec. 20, 1965

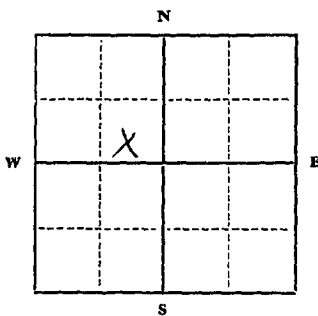
Type of well Drilled Equipment used Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [] Municipal [] Stock [x] Irrigation []
Industrial [] Drainage [] Other []

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

Top of Ground	
(Elev. above sea level.....)	
0	1 Topsoil
1	5 Clay
5	12 Gravel
12	82 Shale
82	83 Hard rock
83	90 Sandy shale
90	150 Sandstone Water
150	165 Sandy shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
9-7/8"		0	17			
4-3/4"		17	84			
3-7/8"		84	165			
	6-5/8" OD	0	17			
	2" galv. pipe	1' above ground	147			



Static Water Level for non-flowing well 0 feet.

Shut-in Pressure for Flowing Well 20

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

Discharge in gal. per min. of flowing well 45

How Tested Bailing

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Sealed with packer at 84'. Cemented.

SE 1/4 Sec. 11, T. 14 R. 28
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

19
Driller's License Number

George O. Singley
Driller's Signature

40352

24605 FILE NO. 276

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

Filed DEC 28 1965 19

at 11:50 o'clock A. M.

Bonny L. Dengel
Director of Elections

11/28/65 Deputy

NOT PUBLIC
This document is not to be distributed outside the office of the Director of Elections.
It is the property of the State of Montana and is loaned to you for your information only.
It is to be returned to the office of the Director of Elections when you are no longer in possession of it.
If you have any questions regarding this document, please contact the office of the Director of Elections.
Thank you for your cooperation.

File No. 324

RECEIVED

T. 14

R. 28

DUPLICATE

AUG 14 1972

County Petroleum

LOG

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD



Top of Ground (Elev. above sea level.....)
0 1 Topsoil
1 6 Sandy Loam
6 15 Gravel
15 25 Blue shale, Pockets of Gravel
25 92 Shale
92 97 Sandstone, Water

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

Owner Anna Solf Property Address Winnett, Montana

Driller George O. Singley Address Lewistown, Montana

Date of Notice of appropriation of groundwater None

Date well started June 24, 1972 Date completed June 26, 1972

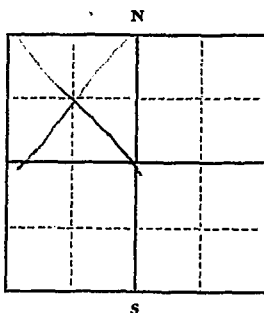
Type of well Drilled Equipment used Rotary (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [] Municipal [] Stock [x] 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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).

Doc. No. #324-22490
Filed for record this 11th day of August A. D. 1972 at 11:00 o'clock P.M.



Static Water Level for non-flowing well None feet.

Shut-in Pressure for Flowing Well 30

Pumping Water Level None feet at None gal. per minute.

Discharge in gal. per min. of flowing well 150

How Tested Measured

Length of Test 1 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Packer cemented at 65'

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

19

Driller's License Number

Driller's Signature: George O. Singley

Driller's Signature

51140

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

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

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).

(Continue on reverse side)

Show exact depth of bottom.

37490

374

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

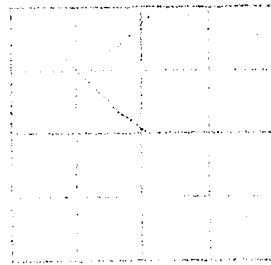
Filed AUG 11 1972 19

at 11:00 o'clock A.M.

Orene Barlow

Director of Records.

Deputy



RECEIVED
JAN 26 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 14 North R. 28 East

County Petroleum

WATER WELL LOG

Owner: Harvey Cornue Address: Winnett, Montana

Livingston-Boles

Driller: Drilling Contractors Address: Winnett, Montana

Date Started: September 17, 1948 Date Completed: September 25, 1948

Location: Sec. 18 T. 14 N. R. 28 E 1/4 sec. BE 4 NE 4

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 _____ Size _____

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

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

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

Type of screen or perforations: _____

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

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

Pumping water level: _____ feet at _____ gal. per min.

How tested: _____

Length of test: _____

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

Well tested 15 gallons per minute without casing; ran 324 feet 6 inch O. D. casing with 64 feet perforated on bottom; shale basket at 240 feet; gravel packed around casing; bailed hole clean; well bailed 5 gallons per minute; ran 251 feet 1 1/2 inch galvanized tubing and rods; put cylinder at 230 feet with one joint 21 feet below cylinder.

(over)

19

T. 14 R. 28
County. Petroleum

RECEIVED
JUL 8 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

*		

Owner M. H. Gerslmeier Address Winnett, Montana
 Driller Gordon Scammon Address Roundup, Montana
 Date Started June 14, 1958 Date Completed June 17, 1958
 Location: Sec. 19 T. 14 R. 28 ¼ sec. Northwest

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other: _____

Casing: 0 ft. to 95 ft. Type thread Size 6 inch

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

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

Perforated or Screened: Ft. 30 to ft. 35 Ft. 80 to ft. 85

Type of screen or perforations slotted

Static Water level, for non-flowing well: 17 ft. from top of ground feet.

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

Pumping water level _____ feet at _____ gal. per min. 9½ gal

How tested: Bailer

Length of test: one hour

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

File No. 264

T. 14 R. 28

DUPLICATE

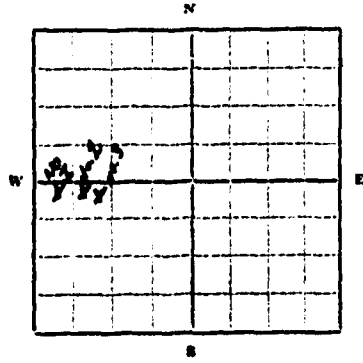
County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1963
STATE ENGINEER

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

1. William H. Walter, of P. O. Box 261, Winnett, (Name of Appropriator) (Address) (Town)
County of Petroleum State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 24 T. 14 R. 28
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 stockwater and household use
- Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 and No. 3 were purchased with land. date of wells unknown. No. 2 dug approx. 1943 use has been continuous on all wells.
- The amount of groundwater claimed (in miner's inches or gallons per minute) All three wells would produce around 10 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 except for the garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal All three wells have pumps on them. No. 2 has a pressure pump as does No. 3.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 and No. 3 are unknown. No. 2 was started and completed in 1943. Dug by hand.
- The depth of water table All three wells run from 8 feet to 22 feet water table.
- 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. 3 has wood casing in it. 22 feet deep. No. 2 has tile and cement casing. 12 feet deep. No. 1 galvanized casing in it. 8 feet deep.
- The estimated amount of groundwater withdrawn each year varies as to the use of the well.
- The log of formations encountered in the drilling of each well if available unknown
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner William H. Walter
Date December 31, 1963

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

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

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

20929

22426

STATE OF MICHIGAN,
County of Jackson,

FILED DEC 31 1968

at 3:56 P.M.

Benny L. Sengul
Deputy

2.10 Deputy

File No. 265

T. 14 R. 28

DUPLICATE

County Petroleum

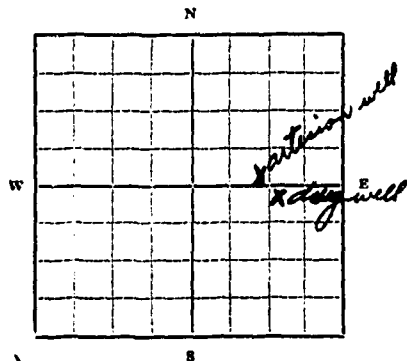
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 3 1964

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

STATE ENGINEER

1. Kenneth William W. Walter of Helena,
(Name of Appropriator) (Address) (Town)
County of Petroleum State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



(artesian) NE
(dry) SE 1/4 Sec. 25 T. 14 R. 28

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 and household use
- Date or approximate date of earliest beneficial use; and how continuous the use has been dry well - approx 40 years old - continuous use
artesian well - approx 1957 - continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) artesian well - 10 gal. a minute
dry well - 5 gal. per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal artesian - natural flow
dry well - pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
- The depth of water table artesian - 150 feet dry well - approx 15 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 artesian well - approx 150 feet
4 inch casing
dry well - ratched casing - 15 feet
- The estimated amount of groundwater withdrawn each year varies as to use of wells
- The log of formations encountered in the drilling of each well if available unknown
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Kenneth W. Walter by William W. Walter
Date December 31, 1963

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

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

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

20930

22427

STATE OF MONTANA,
County of Yellowstone,

Filed DEC 31 1963 19
at 4:00 o'clock P.M.

Donny L. Dingle
Deputy Clerk

2.02 Deputy

File No. 261

T. 14 R. 28

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural flow (unknown)

Owner Kenneth Walter Address Winnett, Montana

Contractor (if any) none

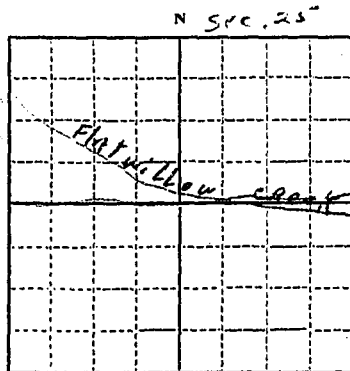
Address of Contractor none

Date Started unknown Date Completed unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. this water is a natural flow of springs for approximately one and one half mile in Flatwillow Cr. Used for irrigation and stock water according to seasons

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

estimate approximate lengths of periods of use. used as stock water for 12 months per year and not measured.



1/4 Sec. 25 T. 14 R. 28
Indicate point of appropriation and place of use, if possible.

Signature of Owner Kenneth W. Walter by William W. Walter

Date December 31, 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.

20926

22423

STATE OF MONTANA,
County of Petroleum,)^{ES}

Filed DEC 31 1963 19

at 3:40 o'clock P.M.

Conrad Stingle
Director of Records

2.0 Deputy

26

RECEIVED
JAN 14 1958

T. 14 R. 28
County Petroleum

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

T14-R28

#		
	28	
	X	

Owner: W J & Mirth Kiehl Address: Winnett Montana
 Driller: Dale Hines Address: Winnett Montana
 Date Started: October 1956 Date Completed: October 1956
 Location: Sec. 28 T. 14 R. 28 1/4 sec. ~~28~~ WESTER

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: 5" ft. to 105 ft. Type: metal Size: 5"
 Casing: _____ ft. to _____ ft. Type: _____ Size: _____
 Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 85 to ft. 105 Ft. _____ to ft. _____

Type of screen or perforations: pipe

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

Shut-in pressure, for flowing well: _____ lb./sq. in. on: October 1956 (date)

Pumping water level: 105 feet at 15 gal. per min.

How tested: PUMP

Length of test: 1 hour then another hour a couple days later

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

_____ cemented in _____

(over)

29

File No. 266

T. 14 N. R. 28 E.

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R R JAN 9 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. NATURAL Springs

Owner William N. WELTER Address. Winnett, Montana

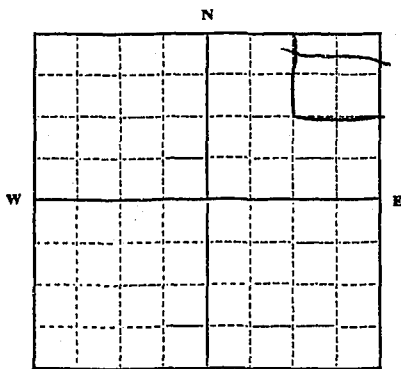
Contractor (if any) NONE

Address of Contractor NONE

Date Started NATURAL Spring Date Completed NATURAL Spring

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

RUNS TO SURFACE



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

estimate approximate lengths of periods of use. used for

stock water - flow of water

varies with each season.

Used mostly in summer time.

1/4 Sec. 27, T. 14, R. 28
Indicate point of appropriation and place of use, if possible.

Signature of Owner William N. Welter

Date December 31, 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.

20931

22428

STATE OF MONTANA, }
County of Petroleum, }³³

Filed DEC 31 1968 19__

at 4:05 o'clock P.M.

Dorothy L. Angel
Director of Records

2. 10

Deputy

File No. 212

T. 14 R. 28

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

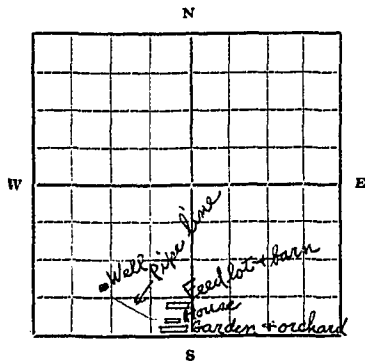
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clinton R. Hassett, of P.O. Box 234, Winnett
(Name of Appropriator) (Address) (Town)

County of Petroleum State of Montana

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



SW 1/4 Sec 29 T. 14 R. 28

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 household-use, livestock water, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1915 and has been in continual use since that time.

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 about 1 acre of garden and orchard in SE corner of SE 1/4 of Sec. 29, Twp. 14, Rge. 28, owned by Clinton R. Hassett

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal An electric pump is used; and well is located in SW 1/4 of Sec. 29, Twp. 14, Rge. 28

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

8. The depth of water table About seventeen 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 It is a dug well about 4 feet in diameter and 22 feet deep.

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

11. The log of formations encountered in the drilling of each well if available Dug well encountered 5 feet of gravel, 10 feet of shale and 7 feet of sandstone.

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 There is none that I know of.

Signature of Owner Clinton R. Hassett

Date December 27, 1963

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

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

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

22367

File 212

SENATE OF MONTANA }
County of Lincoln, } ss.

Filed DEC 30 1963 19

at 10:30 o'clock P.M.

Dwight D. Dwyer
Deputy Secretary

Dwight D. Dwyer Deputy

CWS

File No. 311

T. 14 R. 28 E. 29

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater September 1956

Owner Clinton R. Fossett Address Winnett, Mont.

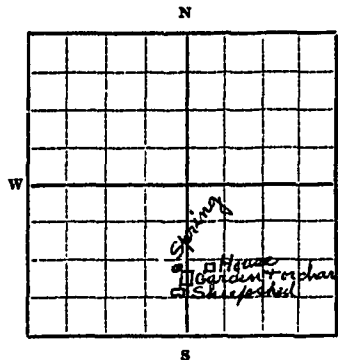
Contractor (if any) None

Address of Contractor

Date Started 1956 Date Completed 1956

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

out and a basin cemented to deliver water to a pipe line. The depth of the basin is about three feet. The water flows by gravity only.



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

tent estimate approximate lengths of periods of use A supply

pipe reduced to 3/4 inch from a 1 1/4 inch pipe carries enough water to supply a tenant-house and a sheepshed and barn. Overflow water is carried in a 1/2 inch pipe which flows continually and is used for irrigation of a garden and orchard during summer months; and discharges as waste water in winter.

Signature of Owner Clinton R. Fossett

Date December 27-1963

SE 1/4 SW Sec. 29 T14 R. 28
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 School of Mines and Quadruplicate for the Appropriator.

22366

File no. 211

STATE OF MONTANA, }
County of Petroleum, }

Filed DEC 30 1963 19

at 10:30 o'clock A. M.

Donny L. Dangel
Deputy of Records

94: 2. 12 Deputy

GW:

File No.....

T. 14 R. 28

DUPLICATE

County Petroleum

STATE OF MONTANA RECEIVED
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER SEP 4 1963

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.....)	
0	6 Gravel
6	9 Sand and Gravel
9	25 Yellow clay
25	26 Gravel
26	50 Blue shale
50	60 Sandstone Shale
60	92 Shale
92	93 Grey rock
93	120 Shale
120	122 Hard white silicate
122	135 Sandstone Water

Owner: Gordon Petaja Address: Winnett, Montana

Driller: George O. Singley Address: Lewistown, Montana

Date of Notice of Appropriation of Groundwater None

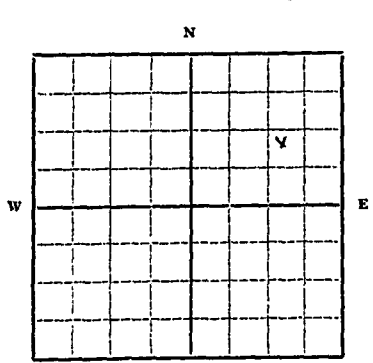
Date well started: July 1, 1963 Date Completed: July 8, 1963

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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 5/8		0	120			
4 3/4		120	137			
	4" ID - 4 1/2" OD 6.7# galv. ground	1'	120			



S. E. 1/4 N.E. Sec. 20. T. 14. R. 28.
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 70 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 110 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested with air 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)

19
Driller's License Number
George Singley
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.

5682

#180

22095

STATE OF MONTANA,
County of Petroleum.

Filed SEP 3 1968 19

at 4:00 o'clock P. M.

Larry L. Dwyer
County Recorder.

Fee: 2.00

SEP 3 1968
COUNTY CLERK

GW 3 Revised 1969
2057-1500-1/71

RECEIVED

County P. T. Leary

JUL 2 1973

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

MONTANA DEPARTMENT OF WATER RESOURCES BOARD
RESOURCES AND CONSERVATION

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 27896; 355

June 29, 1973

GW 1 12:15 P.M.

Owner James Lund, Lumber Co. Inc

Address Box 1252 Billings, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Stock Dam
40 yds wide 60 yds long
8' deep

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

3. Depth of water table _____

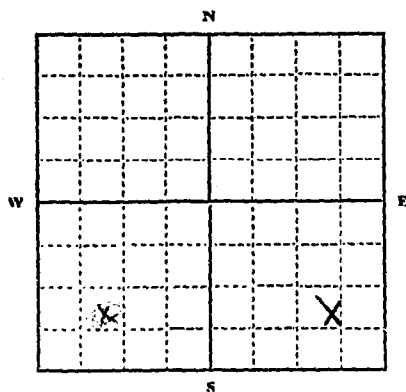
4. Use of the water Stock water

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

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

7. Estimate amount of water used each year _____

8. Months of year spring flows 12 months



SE 1/4 SE 1/4 Sec 35

T. 14 N R. 20 E
S W

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

Elevation of spring, if known or estimated _____

Signature of Owner James Lund

Date June 29 1973

37896

L7W3 4355-

STATE OF MONTANA,
County of Petroleum, } ss.

Filed JUN 29 1973

at 12:15 o'clock P.M.

Orene Barber
Director of Records.

Deputy

Form No. 18
8-60

Revised
T. 14 R. 29
County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 20 1961
STATE ENGINEER

WATER WELL LOG

	X	

Owner Everett Mobery Address Mobery, Mont.
Driller Wells & Sunson Drlg. Co. Address Grass Range, Mont.
Date Started Mar. 15 61 Date Completed Mar. 21 61
Location: Sec. 1 T. 14 R. 29 $\frac{1}{4}$ sec. WSE

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 6 ft. Type 1 1/4 Blk. Size 6" I.D.

Casing: 0 ft. to 111 ft. Type Lite Galv. Size 4" O.D.

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

Perforated or Screened: Ft. 28 to ft. 50 Ft. 60 to ft. 90

Type of screen or perforations Reamer

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

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

Pumping water level forty feet at 3/4 gal. per min.

How tested: well log

Length of test four hours

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

(over)

File No. 218

T. 14 N. R. 29E.

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 1915

Owner Ida E. MacKenzie Address Faribault, Minnesota

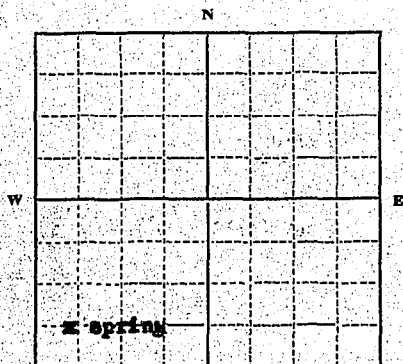
Contractor (if any) none

Address of Contractor none

Date Started same as above Date Completed same as above

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

surface, used for livestock water.



SW 1/4 SW 1/4 Sec. 2 T. 14N R. 29E

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.

5 gallons per minute, estimated, use continuous.

Signature of Owner Ida E. MacKenzie

Date 12/20/63

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.

218

22373

STATE OF MONTANA
County of Petroleum

DEC 30 1963

10:45 clock P.M.

Donald Dwyer
Director of Records

W. J. ... Deputy

File No.

DUPLICATE

T. 14N R 29E 18

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

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

STATE ENGINEER

Alden Aastud

of Winnett,

(Name of Appropriator)

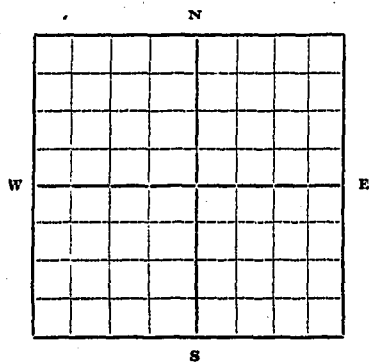
(Address)

(Town)

County of Petroleum

State of Montana

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



NE 1/4 Sec. 18 T. 14R 29

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 a well drilled about spring of 1955
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 crop season
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 55 Gallons per minute
opening a well drilled in about 1928 and then obtained a flowing well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof watering of livestock and domestic purposes
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing well obtained a flowing well by deepening a shallow well previously drilled
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed the well in about 1955 for use as flowing well
8. The depth of water table 110 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 an artesian well, four inch casing and 110 feet deep.
10. The estimated amount of groundwater withdrawn each year kept turned down so only the water used for domestic purposes and for watering stock is escaping.
11. The log of formations encountered in the drilling of each well if available not known.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not known, except as above stated.

Signature of Owner Alden Aastud

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.

9347

22318

File # 190

RECEIVED

STATE OF MONTANA,

County of Petroleum,

Filed DEC 12 1963

at 3:10 o'clock

Donny L. Dengel

Director of

Donna Cavell
Deputy

File No. 179

T. 14 R. 29

DUPLICATE

County Petroleum

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 28 1963

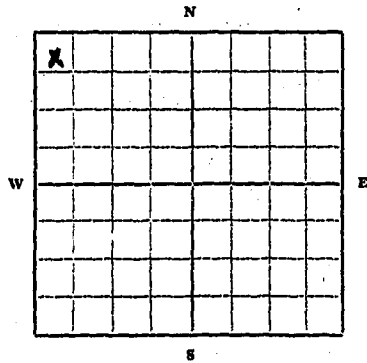
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ernest H. Hansen of ~~Lawrence, Oklahoma~~ Winnett
(Name of Appropriator) (Address) (Town)

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



N.W. 1/4, Sec. 20, T. 14, R. 29

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 ~~well is used for domestic use, also for stockwater~~
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 4, 1957
~~continuous since first use~~
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 8 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 Free flowing artisan well

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement on April 4, 1957; approximate completion April 12, 1957
- 8. The depth of water table About 135 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 Starts with a six inch casing and tapers to three and one-half inches.
- 10. The estimated amount of groundwater withdrawn each year Not known
- 11. The log of formations encountered in the drilling of each well if available Sand, gravel, blue shale, rock, blue shale, sandstone, shale
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Ernest H. Hansen
Date August 22, 1963

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

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

#178

22087

STATE OF MONTANA, }
County of Petroleum. }

Filed AUG 24 1963 19

at 11:30 o'clock A. M.

Benny L. Dingle
County Recorder.

True

[Faint, mostly illegible text, likely a legal notice or court record. Some words like "County of Petroleum" and "State of Montana" are visible.]

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—46805

21

GW 2

File No.

JUL 3 1973

T. 14 R. 29

DUPLICATE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Petroleum

LOG

No. 2

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD

Top of Ground (Elev. above sea level.....)

0	1	Topsoil
1	15	Yellow clay
15	25	Blue sandstone
25	31	Hard rock
31	46	Sandstone
46	105	Shale
105	125	Sandstone
125	127	Hard rock
127	140	Sandrock, Water

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Kenneth Damschen Address Winnett, Montana

Driller George O. Singley Address Lewistown, Montana

Date of Notice of appropriation of groundwater None

Date well started April 24, 1969 Date completed April 30, 1969

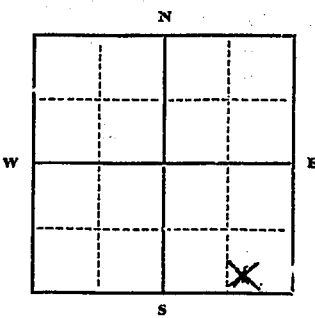
Type of well Drilled Equipment used Rotary (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [] Municipal [] Stock [x] 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.

27899, 358 June 29, 1973 3:20 P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	21			
4-3/4		21	63			
3-7/8		63	140			
	2 1/2" Galv.	Above gr. 1"	140	1/2"x4" slots	105	140



Static Water Level for non-flowing well None feet.

Shut-in Pressure for Flowing Well 5 feet

Pumping Water Level None feet at 0 gal. per minute.

Discharge in gal. per min. of flowing well 40

How Tested Measured

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Sealed with packer and cement.

1/4 Sec 21 T14 R 29 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

19 Driller's License Number

George O. Singley Driller's Signature

54734

27899

E.W. 2 #358

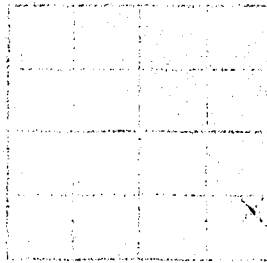
STATE OF MONTANA,
County of Petroleum, } ss.

Filed JUN 29 1973 19

at 3:20 o'clock P.M.

Orest Barber
Director of Records.

Deputy



Approved by the Board of Commissioners of the State of Montana

Witness my hand and seal of office this 29th day of June 1973

Notary Public for the State of Montana

My commission expires on the 31st day of December 1973

My office is located at the State Capitol Building, Helena, Montana

My term of office is for a period of four years

My salary is \$12,000 per annum

My residence is at 123 Main Street, Helena, Montana

My telephone number is 452-1234

My e-mail address is notary@mt.gov

My fax number is 452-5678

My website is www.mt.gov/notary

My business hours are 9:00 AM to 5:00 PM

My contact information is as follows:

Name: Orest Barber

Address: 123 Main Street, Helena, MT 59601

City: Helena, State: MT, Zip: 59601

Phone: (406) 452-1234

Fax: (406) 452-5678

E-mail: notary@mt.gov

Website: www.mt.gov/notary

Business Hours: 9:00 AM - 5:00 PM

My commission expires on 12/31/73

My term of office is 4 years

My salary is \$12,000

My residence is at 123 Main St

My telephone number is 452-1234

My e-mail address is notary@mt.gov

My fax number is 452-5678

My website is www.mt.gov/notary

My business hours are 9:00 AM - 5:00 PM

My contact information is as follows:

Name: Orest Barber

Address: 123 Main Street, Helena, MT 59601

City: Helena, State: MT, Zip: 59601

Phone: (406) 452-1234

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21

GW 2
File No.

Approved Stock Form—State Publishing Co., Helena, Montana—46805

JUL 8 1973
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

T. 14 R. 29
County Petroleum

DUPLICATE

LOG
No. 3

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground
(Elev. above sea level.....)

0	1	Topsoil
1	38	Drift clay, sand, gravel
38	75	Blue shale
75	90	Sandy shale
90	92	Hard rock
92	130	Sandstone
130	170	Shale
170	193	Sandstone
193	194	Hard rock
194	220	Sandstone, Water
220	250	Sandy shale
250	251	Hard rock
251	260	Shale

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

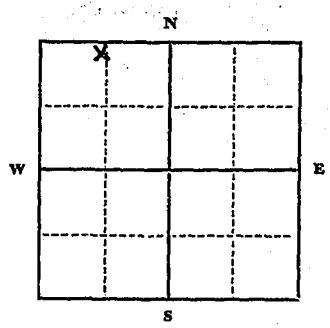
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner Kenneth Damschen Address Winnett, Montana
 Driller George O. Singley Address Lewistown, Montana
 Date of Notice of appropriation of groundwater None
 Date well started May 1, 1969 Date completed May 2, 1969
 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.

27900, 359
June 29, 1973
3:25 p.m.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7-7/8		0	38			
4-3/4		38	170			
3-7/8		170	260			
	2" Galv. above gr. 1"		260	1/2"x4" slots	190	260



Static Water Level for non-flowing well None feet.
 Shut-in Pressure for Flowing Well 5
 Pumping Water Level None feet
 at 0 gal. per minute.
 Discharge in gal. per min. of flowing well 5
 How Tested Measured
 Length of Test 1 hr.
 Remarks: (Gravel packing, cementing, packers, type of shutoff) Sealed with packer and cement.

1/4 Sec. 21 T. 14 R. 29
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

19
Driller's License Number
George O. Singley
Driller's Signature

54,731

27900

F.W. 2 # 359

0

RECEIVED

1973

JUN 29

(Date of filing) JUN 29 1973
 (Time of filing) 2:25 P.M.
 (County) Petroleum
 (Case No.) 27900

STATE OF MONTANA
 County of Petroleum
 Filed JUN 29 1973
 At 2:25 o'clock P.M.
Charles Barber
 Director of Records.

Deputy

DEPARTMENT OF REVENUE
 COMMISSIONERS OF LAND AND MINES
 BOARD OF ZONING
 BOARD OF COUNTY COMMISSIONERS
 BOARD OF COUNTY COMMISSIONERS
 BOARD OF COUNTY COMMISSIONERS

1

Form No. 18
8-60

25

T. 14 R. 29E
County Petroleum

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 12 1961

WATER WELL LOG

STATE ENGINEER

		✓

Owner Leona Mc Giboney Address Mosby, Mont.
Driller Wellman & Mearns Drilling Co. Address Grand Passage, Mont.
Date Started Aug 17 - 1961 Date Completed Aug 26 - 1961
Location: Sec. 25 T. 14 R. 29E $\frac{1}{4}$ sec. SE $\frac{1}{4}$ NE $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 26 ft. Type Steel Size 7"

Casing: 0 ft. to 515 ft. Type Steel 11lb per Size 4 1/2"

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

Perforated or Screened: Ft. 225 to ft. 345. Ft. 440 to ft. 490

Type of screen or perforations 1" thing touch

Static Water level, for non-flowing well: 212 feet.

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

Pumping water level 400 feet at 5 gal. per min. _____

How tested: Bailer & pump

Length of test Adequate

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

(over)

File No. 200

T. 24 N. R. 29

County Petroleum

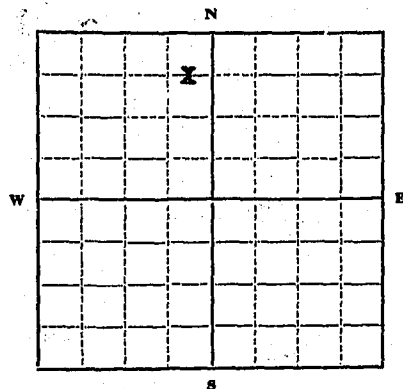
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Ernest Hansen of Minett Minnett
(Name of Appropriator) (Address) (Town)
County of Petroleum State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 28 T. 14 R. 29

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 Nov 17, 1960 Continuous since first use

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

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

NONE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement on Nov 12, 1960, completion Nov 17, 1960

8. The depth of water table About 138 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 Four inch galvanized casing

10. The estimated amount of groundwater withdrawn each year Not known

11. The log of formations encountered in the drilling of each well if available Topsoil, Clay, gravel, sandy clay blue, hard rock, soft blue clay, sandy rock and sandstone 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

55555

Signature of Owner Ernest H. Hansen

Date Dec. 19, 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.

22352

File No. 200
All

STATE OF MONTANA
County of Petroleum

Filed DEC 26 1963

at 3:15 o'clock P.M.

Danny L. Stengel
Deputy

File 2.12

Faint, mostly illegible text from a document, possibly a deed or legal instrument, covering the majority of the page.