

R 325
162356

Alvin Merritt
to
The Public

STATE OF MONTANA }
County of Lake, }
Filed on the 5 day of Dec
A. D. 1963 at 4:10 o'clock P.M.
HAZEL KINNICK
County Clerk and Recorder
By E. Cairns
Deputy

RECORDED
INDEXED

36

File No.....

T. 23 N. R. 22 W.

DUPLICATE

F.W.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Lake

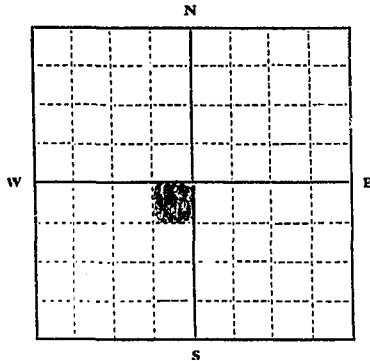
RECEIVED
FEB 10 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1 Missoula Livestock Auction Company, of Box 1490 Missoula
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 36 T. 23 N. R. 22

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

Being purchased from The State of Montana by Missoula Livestock Auction Company.

- The beneficial use on which the claim is based... Artesian Well, used for Livestock Water.
- Date or approximate date of earliest beneficial use; and how continuous the use has been... Used since the year of 1948, and used year around since.
- The amount of groundwater claimed (in miner's inches or gallons per minute)... 500 gallons per minute - Constant flow.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... This could be used for irrigation, but has been only used for livestock water.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Natural pressure of Artesian Well brings water to surface, located in the SW 1/4 of Section 36, Twp. 23 N, in Range 22 W.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Artesian Well completed in the year of 1948, by Bill Pickett, who drilled the well. Pickett's own adjoining ranch.
- The depth of water table... 53 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 - 53 feet in depth - with two (2) inch casing, withdrawal of groundwater by natural artesian pressure.
- The estimated amount of groundwater withdrawn each year... Not known - but well runs constantly.
- The log of formations encountered in the drilling of each well if available... Bill Pickett was driller, Log of formations not available.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... Not known.

Signed by Missoula Livestock Auction Company

Howard Ross -President
Paul Johnson -Secretary

Signature of Owner

Date January 17, 1964

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.

34855

R-9337

STATE ENGINEER

430.13

Water Report

Missoula Livestock
Auction Co.

to
The Public

STATE OF MONTANA

County of Lake, } ss.

Filed on the 29 day of January
A. D. 1964 at 2:05 P.M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus

9200

Deputy

File No.

T. 23^N R. 21^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

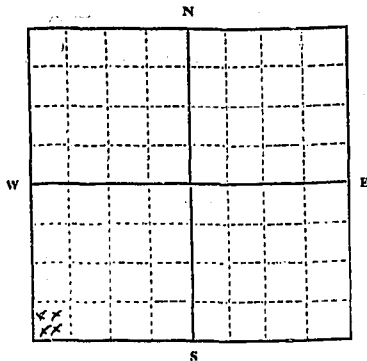
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IRENE LODMELL, of Polson
(Name of Appropriator) (Address) (Town)

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



S.W. 1/4, S.W. 1/4 Sec. 1, T. 23 N. R. 21 W.

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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. prior to 1956; continuous use since 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute). estimated flow from four springs 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. approximately 30 acres irrigated with overflow (eastern most 20 acres served by culvert under highway) in SW1/4 sec. 1; T 23N; R 21W, M.P.M.; owned by appropriator
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. spring reservoirs piped to stock water tanks, overflow distributed (culvert under highway to eastern most 20 acres)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. spring reservoirs, one concrete, one wood, two rock lined, constructed prior to 1956
8. The depth of water table. not applicable
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. not applicable; spring reservoirs for collection of water and distribution by pipe outlet
10. The estimated amount of groundwater withdrawn each year. estimated at about 3,000,000 gallons per year
11. The log of formations encountered in the drilling of each well if available. not applicable
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 applicable

Signature of Owner Irene Lodmell
Date Dec 26, 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.

27328

R-827

163123

STATE OF MONTANA

County of Lake,

Filed on the 31 day of Dec

A. D. 1903 at 10 o'clock P. M.

[Signature]
County Clerk and Recorder

Deputy

File No.

STATE WATER CONSERVATION BOARD

T. 23 N. R. 210

DUPLICATE

APR 24 1967

County Lake

LOG

Billie _____
Eutzorin _____
Coyls _____
Darlington _____
Parker _____

McDermott _____
McNulty _____
Morton _____
Parker _____

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)

Top of Ground

(Elev. above sea level)

0 to 21' Tan clay & gravel
21' to 23' Boulder
23' to 29' Tan clay & gravel
29' to 85' Boulders, tan clay & gravel
85' to 102' Tan clay & Gravel
102' to 104' Boulder
104' to 124' Gray clay & gravel
124' to 125' Trace of water
1 1/2 G.P.M.
125' to 130' Broken gray rock & white clay
130' to 138' Solid purple gray rock
138' to 156' Gray rock with white clay
156' to 159' Solid purple gray rock
159' to 160' Water 6 G.P.M. (trace of clay in bottom)

Owner Mrs. Mary Ann Mushel Address Polson, Montana

Driller Glean Camp 705 Alder Address Missoula, Mont

Date of Notice of appropriation of groundwater

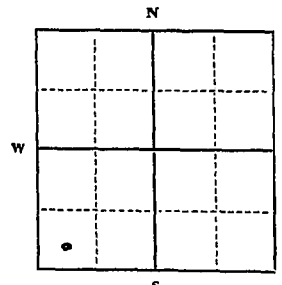
Date well started 3/20/67 Date completed 4/2/67

Type of well Drilled Equipment used Churn drill
(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)
6"	6" I.D. 17# to ft	21' above G.L. to 131'				
		Open hole to 160'		None		



Static Water Level for non-flowing well 45' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 199' feet

at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test pump

Length of Test 3 hours

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

Open hole in rock from 131' to 160'

(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.

License # 7

Driller's License Number

Glean Camp
Driller's Signature.

411893

R.-1062

179473

Water Report
Mary Ann Muehel
To
The Public

STATE OF MONTANA }
County of Lake } ss

Filed on the 20 day of April

A. D. 1967 at 9:45 o'clock A.M.

ETHEL M. HARDING
County Clerk and Recorder

By Mae Johnson
5,100 Deputy

3
File No.
DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—38496
T-23 N. R. 21 West
County Lake

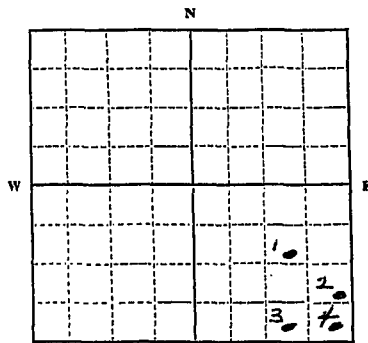
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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: About 1910
Owner: Robert W. Vinson Address: Big Arm, Mont.
Contractor (if any)
Address of Contractor
Date Started..... Date Completed.....



SE 1/4 ^{Sec. 6} ~~Sec. 21~~ T. 23 N. R. 21 W.
Indicate point of appropriation and place of use, if possible.

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

SPRINGS

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: No. 1 - Approximately 2 gals. per minute - constant use - stock water; No. 2 - Stock water, intermittent use at present, to be developed; No. 3 - Approximately 1 gal. per minute, constant use, stock water; No. 4 - Approx. 1 gal. per minute, household use and stock, constant use.

Signature of Owner: Robert W. Vinson
Date: Dec. 27, 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.

R-542

167857

Water Report
Robert A. Vinson
to
The Public

STATE OF MONTANA
County of Lake
Filed on the 27 day of July
A.D. 1903 at 3:26 o'clock P.M.
[Signature]
County Clerk and Recorder

#200

Notar

GW 3

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—42345

File No.

JUN 29 1973

23 N. 21 W.

QUADRUPLICATE

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lake

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

AMENDED

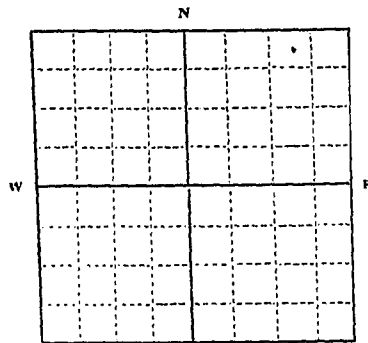
Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

1444, 210511
June 28, 1973
1:00 p.m.

Date of Appropriation of Groundwater About 1910
Owner Robert W. Vinson Address Big Arm, Montana 59910
Contractor (if any)
Address of Contractor
Date Started Date Completed



NE 1/4 Sec. 7 T. 23N. 21 W.

Indicate point of appropriation and place of use, if possible.

Amended notice filed to correct location of spring on Notice dated 12/27/63.

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Spring developed -
- 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) 100-300 gallons per minute-estimated
- 6) If used for irrigation, give number of acres and description of land
- 7) Estimate amount of water used each year 10,000,000 gals.

Signature of Owner

Date June 27, 1973

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.

5-4448

210511

R-1494

Groundwater Appropriation

Robert W. Vinson

to

The Public

STATE OF MONTANA
County of Lake
Filed on the 28 day of June
at 1:00 P.M.
A.D. 1973
ETHEL M. HARDING
County Clerk
Ethel M. Harding

N 3

File No.

T 23 N. R 21 W.

DUPLICATE

County Lake

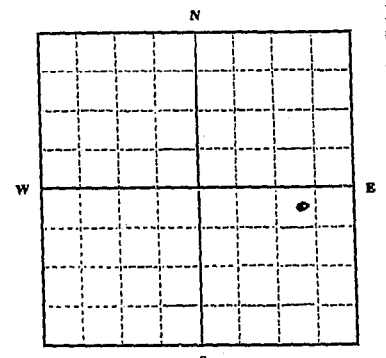
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater about 1910
Owner Robert W. Vinson Address Big ARM, Montana
Contractor (if any)
Address of Contractor
Date Started Date Completed



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

Spring

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.....

SE 1/4 Sec. 7 T 23 N R 21 W

Indicate point of appropriation and place of use, if possible.

Spring runs constantly, approx. 3 gals. per minute.

Signature of Owner Robert W. Vinson

Date Dec. 27, 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.

R 543

167858

State Report
Robert H. Vinson
to
The Public

STATE OF MONTANA } ss.
County of Lake,
Filed on the 27 day of Dec
A.D. 1903 at 3:20 o'clock P.M.
[Signature]
County Clerk and Recorder
By _____ Deput

200

File No.

T. 23 N. R. 21 W.

DUPLICATE

County Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 19 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov. 13, 1962

Owner Pearl Tompkins Address Big Horn

Contractor (if any)

Address of Contractor

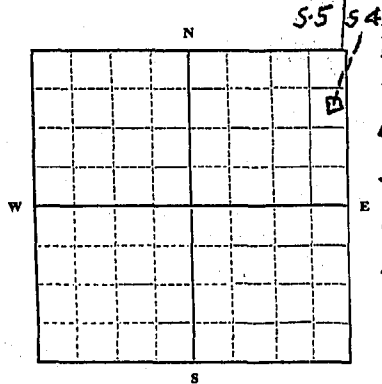
Date Started Nov. 20, 1961 Date Completed Nov. 21, 1961

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

Development and excavation of
Spring in NE¹/₄ NE¹/₄ NE¹/₄ Sec. 8 - T23N -
R. 21W with pipe line to SW¹/₄ SW¹/₄
Sec. 4

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.

Estimated Average flow 10-15 Gal per Min
Year around for stock water and
irrigation



NE 1/4 Sec. 8 T23N R21W

Indicate point of appropriation and place of use, if possible.

Signature of Owner Pearl Tompkins

Date November 16, 1962

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.

R124

157393

Water Well Report
Pearl Tompkins
to
The Public

STATE OF MONTANA

County of Lake,

Filed on the 16th day of Nov

A. D. 1962 at 1:10 o'clock P.M.

HAZEL KINNICK

County Clerk and Recorder

By

G. Cowman

Deputy

200

File No.

T 23 N R 21 W

DUPLICATE

County LPHE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 19 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Pearl Tompkins Address Big Arm, Mont

Contractor (if any) _____

Address of Contractor _____

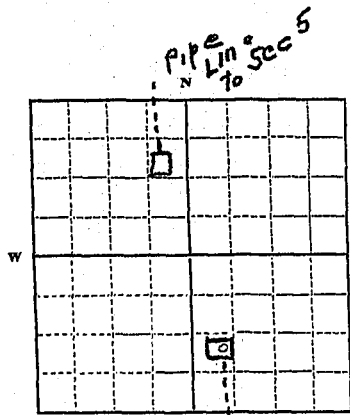
Date Started Mar. 29, 1961 Date Completed Nov. 21, 1961

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

Development and excavation of natural spring and piping to stock in SW ⁶/₄ SE ¹/₂ Sec 5-T23N R21W

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.
Approximate 10-15 Gals per minute

Constantly - year around except when frozen



N.E. ¹/₄ Sec. 8 T23 R21

Indicate point of appropriation and place of use, if possible.

Signature of Owner Pearl Tompkins

Date November 14, 1962

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.

R125

157394

Pearl Tompkins

To

The Public

STATE OF MONTANA

County of Lake, } ss

Filed on the 16 day of Nov

A. D. 1962 at 11:20 clock AM

HAZEL KINNICK

County Clerk and Recorder

By S Cowman

Deputy

200

210662

R- 1527

Well Report

J. H. Ringer

to

The Public

STATE OF MONTANA } ss

County of Lake

Filed on the 29 day of June

A. D. 19 73 549 o'clock P. M.

WALTER M. HARDING

County Clerk and Recorder

BY E. L. Ringer Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

T. 23^N R. 21^W

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1941

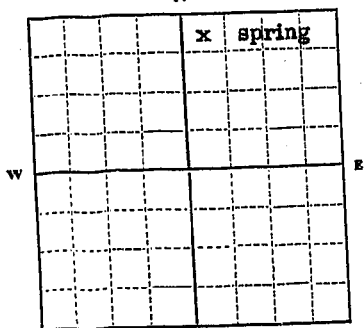
Owner Robert G. Upham Address Polson, Montana

Contractor (if any) None

Address of Contractor --

Date Started 1941 Date Completed 1941

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring was cribbed with cement and protective house built over spring and water pumped with electric pump.



NW 1/4 NW 1/4 Sec. 14, T. 23, R. 21

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. spring flows

over retaining portion and domestic supply pumped;

exact amount of water unknown but use continuous.

Signature of Owner Robert G. Upham

Date December 12, 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.

R-410

162643
Water Report
Robert G. Upton
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 20 day of December
A. D. 1963 at 1:02 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By M. Kraus
Deputy
#200

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

T. 23 R. 21

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1951

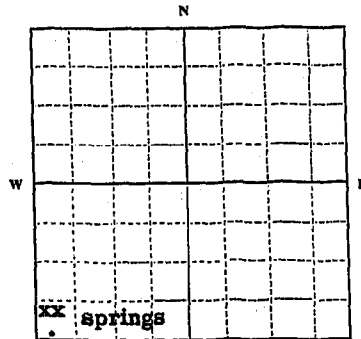
Owner Robert G. Upham Address Polson, Montana

Contractor (if any) None

Address of Contractor

Date Started 1951 Date Completed 1951

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Two springs cribbed with rock and cement covered by wood cover overflows naturally, and used for stockwater.



SW 4 SW 4 SW 4

..... 1/4 Sec. 14. T. 23. R. 21

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..... Unknown

quantity of constant flow of water

Signature of Owner

Robert G. Upham

Date December 12, 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.

R-409

162642

Water Report

Robert P. Upham

to

The Public

STATE OF MONTANA)

County of Lake.

Filed on the 20 day of December

A. D. 1963 at 1:00 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

M. Kraus

Deputy

9200

RECEIVED

23N-21W 17

JUL 3 1973

County: Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CORRECTION AND CONSERVATION
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner J. A. Rugg

Address 21066L, 1529

Date well started Apr. 13, 1973

completed Apr. 25, 1973

For Administrator's Use	
File	<u>21066L; 1529</u>
	<u>June 29, 1973</u>
GW 1	<u>521 p.m.</u>

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

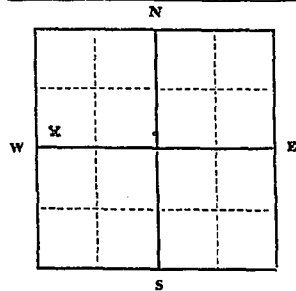
Equipment used Rotary
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	5-5/8" 12'	0	145			
6"	5-1/2" 14'	140	223			



Static water level 160 ft.*
Pumping water level 220 ft.*
at 10 gallons per minute,
measured 4 minutes after pumping began.
*Measured from ground level.
Well developed by 30
for 4 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

21 1/4 Sec. 17
T. 23 N. R. 23
S. W.

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

Driller's Signature [Signature]

Driller's Address Billings, Wyo.

Billings, Montana LICENSE NO. 9

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	20	Brown dirt & boulders
20	120	Gravel & clay
120	140	Rock, clay, & gravel
140	180	Shale
180	223	Shale, rock

223 Show exact depth of bottom

54903

210664

B- 1529

Well Report

J.M. Ringer

to

The Public

STATE OF MONTANA } ss
County of Lake

Filed on the 29 day of June

A. D. 19 23521 o'clock P. M.

EDWARD M. HARDING

County Clerk and Recorder

By Clare E. Larson
Deputy

210663

R- 1528

Well Report

J.M. Ringer

to

The Public

STATE OF MONTANA
County of Lake
Filed on the 29 day of June
A. D. 1973 at 5:20 P.M.
EHE. M. HASE
County Clerk and Recorder
By Elaine E. Hase Deputy

22

File No.

T. 23N R. 21W

DUPLICATE

County

RECEIVED
FEB 25 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater February 15, 1963

John Robert Gould

Owner George Robert Gould Address Polson, Montana

Gould

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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

undeveloped spring

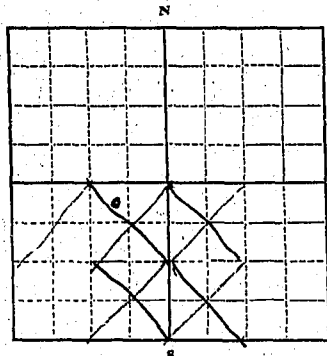
The east Half of the Southwest Quarter

(E $\frac{1}{2}$ SW $\frac{1}{4}$)

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



..... $\frac{1}{4}$ Sec. 22. T. 23 R. 21.

Indicate point of appropriation and place of use, if possible.

Signature of Owner

John Robert Gould
John Robert Gould

Date February 15, 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.

3720

R144

158523

Water Report
John Robert & George
Robert Gould
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 18 day of July

A. D. 1963 at 2:30 o'clock P. M.

HAZEL KINNICK

County Clerk and Recorder

By

E. Cowman

Deputy

File No.

T. 23 N R 21 W

County Lake

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

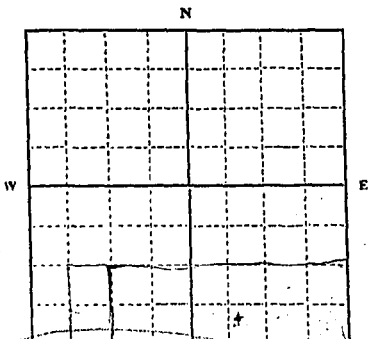
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George A Kelly of RT 1, Box 177, Polson
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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 House and Sheep + Cattle
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 all the time
- The amount of groundwater claimed (in miner's inches or gallons per minute) don't know
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pressure Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948 finished in same year
- The depth of water table 10 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth 18 ft 6 dug Well 4 ft across
- The estimated amount of groundwater withdrawn each year Three Thousand six hundred
- The log of formations encountered in the drilling of each well if available not drilled
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no record

Signature of Owner George A Kelly
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.

R436

162406

George A. Kelly
to
The Public

STATE OF MONTANA

County of Lake, ³⁴ *the*

Filed on the 23 day of Dec

A. D. 1963 at 2 o'clock PM

HAZEL KINNICK

County Clerk and Recorder

By

200

Cowman
Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

23N-21W
County Lake 23

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Carl A. & Gertrude M. Seifert

Address Polson, Montana

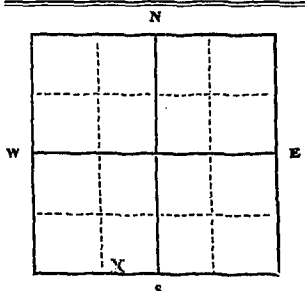
Date well started 4/8/71
completed 4/15/71

Type of well Drilled
Equipment used Air Rotary
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). To irrigate approx. 240 acres

ESTIMATED ANNUAL WITHDRAWAL 262,800,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD 3/4"	1'6"	226'11"	Mills	145'	149'
				Knife	163'	176'
					212'	226'



S 1/4, SE 1/4, SW 1/4 Sec. 23
T. 23 N. R. 21 E

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

Driller's Signature William J. Johnson
LIBERTY DRILLING COMPANY

Driller's Address 2540 Reservo Street
Missoula, Montana LICENSE NO. 52

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

Top of Ground Approx. (Elev. above sea level) 3400'

From (Feet)	To (Feet)	
0	1	Topsoil
1	64	Tan clay with gravel, cobblestones and boulders mixed in
64	66	Tan clay and gravel
66	141	Tan clay with small gravel mixed in
141	151	Silty gravel
151	159	Gravel imbedded in tan clay
159	179	Small gravel
179	191	Coarse gravel
191	210	Tan clay & gravel
210	227	Coarse gravel
227	247	Tan & green rock
247	301	Tan & green rock

301 ft. Show exact depth of bottom
Water rises in well 113ft.
from surface.

48652

DEPARTMENT OF POLICE
Billings, Montana
OFFICE OF THE SHERIFF
MONTANA

REPORT OF THE SHERIFF
TO THE DEPARTMENT OF POLICE

Page R-1267

198923
CARL A. & GERTRUDE N. SEIFERT

THE PUBLIC

STATE OF MONTANA } ss
County of Lake
Filed on the 18 day of June
A. D. 1911 at 3:30 o'clock P. M.
ETHEL M. HARDING
County Clerk and Recorder
By _____ Deputy

below 227 feet.

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 70 to 80 percent of the tested capacity of the aquifer.

File No.

T. 23 N R 21 W

DUPLICATE

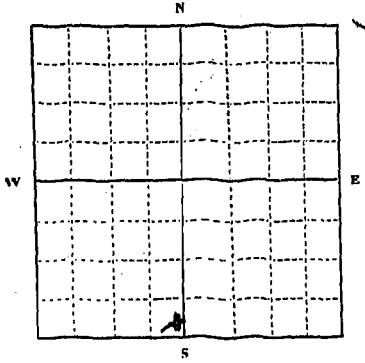
County. LAKE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

1. George W. SMART, of 6 mi NW Polson
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 23, T23, R. 21
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 and Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Jan 15 - 1955
continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). all
- 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 submersible pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Jan 15 - 1955
- 8. The depth of water table. 111 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. 6" casing
- 10. The estimated amount of groundwater withdrawn each year.
- 11. The log of formations encountered in the drilling of each well if available. not available
same rock mostly clay sand
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner George W. Smart
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.

10352

R345

162472

Water Report
Geo W. Smart
to
The Public

STATE OF MONTANA

County of Lake

Filed on the 12 day of Dec

A. D. 1963 at 11¹⁴ to'clock 9 M

HAZEL KINNICK

County Clerk and Recorder

By S. Cowman
Deputy

Form No. 18
8-69

T. 23 R. 21 24/21

County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 7 1961

WATER WELL LOG

STATE ENGINEER

Owner M.W.Ratzburg Address Poison, Montana

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date Started Nov 6, 1961 Date Completed Nov 24, 61

Location: Sec. 24 T. 23 R. 21 $\frac{1}{4}$ sec. NE $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 1' above ground level to 268' ft. Type Seamless Size 6" I.D. 19 lbs

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: 255' from top of casing feet.

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

Pumping water level 257' feet at 10 gal. per min.

How tested: Bailer

Length of test 3 hours

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

Put in exact location and file with County Clerk & Recorder

(over)

R- 1313

201732

KERN SCHULTZ

TO

THE PUBLIC

WELL REPORT

STATE OF MONTANA
COUNTY OF LAKE

Filed on the 30th day
of December A.D. 1971
at 11:45 o'clock A.M.

Ethel M. Harding
County Clerk and Recorder

Jewel Bent
Deputy

2.00

File No. _____

T. 23^N R. 21^W 24

DUPLICATE

County _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER
 OCT 15 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 to 8' Clay & gravel

8' to 9' Gravel & a trace

of water

9' to 36' Clay, gravel &

boulders

36' to 37' Gravel & water

73' to 81' Clay, gravel

& Boulder

81' to 113' Clay & gravel

113' to 115' Gravel & water

Owner George W. Smart Address Folsom, Mont

Driller Glenn Camp 705 Alder Address Missoula, Montana

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

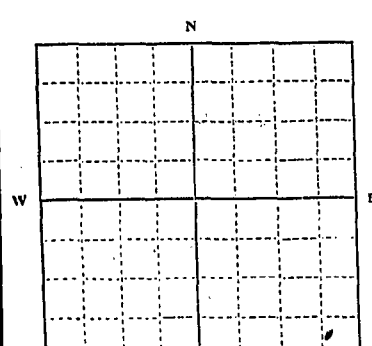
Date well started 9/24/64 Date Completed 10/2/64

Type of well Drilled Equipment Used Churn drill
 (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"	6" I.D. seamless 18.97# to foot	9" above G.L.	to 115'-9"	None		



SE 1/4 SW 1/4 Sec. 24 T. 23 R. 21
 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 89' from G.L. feet.

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

Pumping Water Level 91 feet at 15 gal. per minute.

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

How Tested Test Pump Length of Test 1/2 hr

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Licence # 7
 Driller's License Number
Glenn Camp
 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.

38558

R-958 167288
Water Report

George W. Smart
To
The Public

STATE OF MONTANA
County of Lake,
Filed on the 13 day of Oct.
A. D. 1964 at 1:12 o'clock P. M.
HAZEL KINNICK
County Clerk and Recorder
By Max Johnson
2.00 Deposits

DATE	AMOUNT	REMARKS
10-13-64	2.00	STATE OF MONTANA
		COUNTY OF LAKE
		FILED
		HAZEL KINNICK
		COUNTY CLERK AND RECORDER
		BY MAX JOHNSON
		2.00

25 T 23 R 21 25/
County Salt

MONTANA BUREAU OF MINES AND GEOLOGY **RECEIVED**
Butte, Montana SEP 14 1960

25-23-21

WATER WELL LOG

STATE ENGINEER

		X	well
		X	

Owner Walter & Eva Hasch Address Palson

Driller Carl Harris Address "

Date Started Nov 15 - 1955 Date Completed Dec 1 - 1955

Location: Sec. 25 T. 23 R. 21 1/4 sec. E 2 S E 4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 40 ft. to _____ ft. Type Metal 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: 15' feet.

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

Pumping water level _____ feet at 12 gal. per min.

How tested: Bailing

Length of test _____

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

(over)

R413

162647

Water Report
Alvin A McKay
to
The Public

STATE OF MONTANA
County of Lake,

Filed on the 20 day of Dec
A. D. 1963 at 4:20 o'clock P.M.

HAZEL KENNEDY

County Clerk and Recorder

93
200
E. Cowman
Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

T 23¹ R 21¹

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

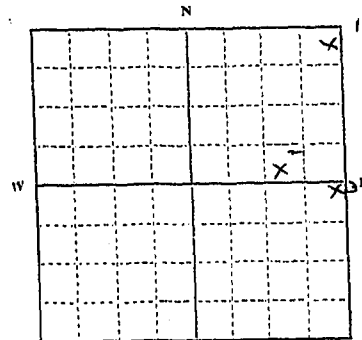
RECEIVED
JUN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 12-64
Owner Homer T. Davis Address Polson, Mont
Contractor (if any) none
Address of Contractor
Date Started..... Date Completed.....



$E^{-1/4} E^{-2} S$
Sec. 28 T 23 R 21

Indicate point of appropriation
and place of use, if possible.

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

1 Stock gravity flow
2 House " "
3 Stock " "

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 Spring
Small but year around.
Pump about 2" pipe. Paines
and sinks on my place

Signature of Owner Homer T. Davis
Date June 12-64

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.

R-943

165897

State Right
Homer J. Davis
to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 12 day of June
A. D. 1964 at 11:20 o'clock A.M.
HAZEL KINNICK
County Clerk and Recorder
By H. Knau
Deputy

209

File No. _____

T 23 R 21

DUPLICATE

County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER USE
OFFICE OF STATE ENGINEER

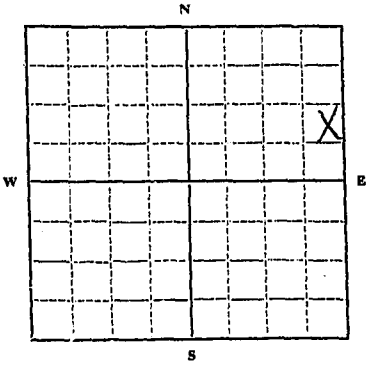
RECEIVED
JAN 7 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Curtis E. Van Voest, of Polsen
(Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec 34 T 23 R 21
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based house hold, stock water, shelter belt irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been JUNE 15, 1961
continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 21 gals. 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
10 acres SE 1/4 NE 1/4 S 34 T 23 R 21
SEK owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April 15 - April 30 1961

8. The depth of water table 60'

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
Steel casing 6", 24' Deep

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

11. The log of formations encountered in the drilling of each well if available
0-1/2 top soil
1/2-6' boulders embedded in clay

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 Curtis E. Van Voest
Date Dec 30, 1962

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

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

R-135

158059

Water Well Report

Curtis Van Voast

to
The Public

STATE OF MONTANA

County of Lake

Filed on the 4th day of January

A. D. 1963, at 10:15 o'clock A.M.

HAZEL KINNICK

County Clerk and Recorder

By M. Kraus Deputy

\$ 2.00

T. 23 N R. 21 W

35

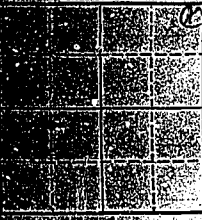
County LAKE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 15 1961

WATER WELL LOG

STATE ENGINEER



Owner Edmond B. Appelt Address Box 7270, Bozeman, Mont

Driller Liberty Drilling & Pump Co. Address Missoula, Mont

Date Started Nov. 22, 1958 Date Completed Feb. 1, 1959

Location: Sec. 35 T. 23 N R. 21 1/4 sec. NE

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

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

Casing: 1 ft. to 342 ft. Type Black Steel Size 6 5/8" 60

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: 54' feet.

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

Pumping water level: 20 GPM feet at 150' gal. per min.

How tested: Bailer and Air Lift Pump

Length of test: 9 hrs

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

Open Bottom Casing

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Dirt
3	37	Sand, gravel + boulders imbedded in clay
37	64	Sandy clay; with sand, gravel and boulders imbedded
64	170	Fine tan clay with gravel and boulders imbedded
170	170	Gravel - some water - Less than 10pm Static water level 85'
170	250	Tan sandy clay with gravel and boulders imbedded
250	321	Tan sandy clay with gravel imbedded
321	339	Tan clay with gravel imbedded
339	342	Sand + gravel - water
342		Rock

Water Log: Aquifer --- - 339' - 342'
Static water level - 54'

STATE OF MONTANA
County of Lake
Filed on the 14th day of April
A.D. 1967 at 2:35 o'clock P.M.
HAZEL HINMAN
County Clerk and Recorder
By G. DeWitt
SD4 DeWitt

R-299 - 149896

GW

35

File No.

T. 21N R. 21W
23N 21W

DUPLICATE

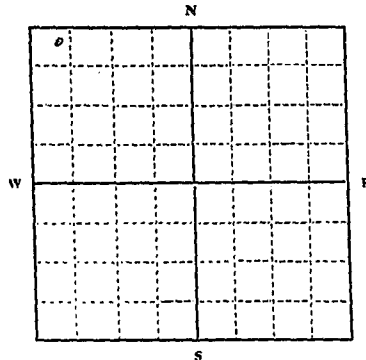
County Lake

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

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

1. Arline Stiles, of Polson, (Name of Appropriator) (Address) (Town)
County of Lake State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 35, T. 23N, R. 21W

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 Stockwater-Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1939-continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute). approximately 50 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. garden approximately 1/2 acre Arline Stiles-NW 1/4 Sec. 35, T. 23N, R. 21W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump Northeast portion of NW 1/4 Sec. 35, T. 23N, R. 21W Lake County, Montana

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. approximately 1939

8. The depth of water table. approximately 200 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. 7 inch O.D. casing

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

11. The log of formations encountered in the drilling of each well if available. not available. approximately 375 feet clay and 25 feet rock

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 Arline Stiles

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.

17394

R587

163410

Water Report

Arline Stiles

to
The Public

STATE OF MONTANA
County of Lake,
Filed on the 30 day of Dec
A. D. 1963 at 11:08 o'clock A. M.
HAZEL EINNICK
County Clerk and Recorder
By G. Cowman
Deputy

36

File No.

T. 23N R. 21W

DUPLICATE

County Lake

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground
(Elev. above sea level 2942)

Approx. 9/29

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Formations Log:

- 0 - 1 Black dirt & gravel.
- 1 - 28 Gravel imbedded in tan clay.
- 28 - 51 Gravel & cobblestones mixed in tan clay. Seeps of water.
- 51 - 54 Coarse sand & fine gravel. Some tan clay. Water.
- 54 - 60 Silty clay & gravel mixed.

Owner Mr. Walter Haack Address Polson, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 9/11/68 Date completed 9/14/68

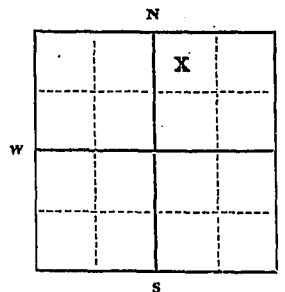
Type of well Drilled Equipment used Cable Tools
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
6"	6 5/8" OD x 1/4"	#1	51	SHOP MADE Torch cut blank tailpipe with solidly closed bottom extends	51	54
					54	60

Water rises in the well 25 feet from surface.



Static Water Level for non-flowing well25.....feet.

Shut-in Pressure for Flowing Well ~~Non-f~~ Pumping Water Level47.....feet

at9.....gal. per minute.

Discharge in gal. per min. of flowing well

~~Non-flowing~~
How Tested Air Lift Pump

Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in shop made screen.

NW 1/4 NE Sec. 36 T. 23R. 21
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.

Bottom of well 60'

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.

52
Driller's License Number

William P. Osborne
Driller's Signature.

45,785

170880

R-1173

WELL REPORT

WALTER HAACK

to

THE PUBLIC

STATE OF MONTANA } ss
County of Lake

Filed on the **28** day of **Oct**

69 10:00 clock **A.M.**
ETHEL M. HARDING

Jewell Berke
Deputy

2.00

STATE OF MONTANA
COUNTY OF LAKE

RECORDED
INDEXED
OCT 28 1969

T 23 N R 21 W, M. 36
County Lake

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Read sometime
between May 20
and June 21
1961

WATER WELL LOG

		*

Owner Peter W. Nelson Address Polson, Montana
Driller Ted Stiles Address Polson, Montana
Date Started Jan. 17th 1961 Date Completed May 14 - 1961
Location: Sec. 36 T. 23 R. 21 1/4 sec. 36 NW 1/4 of NE 1/4

Type of well Dug by hand Equipment used Pick, Spade, Ditching, Winch, etc.
(Pug driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: Surface ft. to 4 ft. Type Poured cement Size 4 x 6 ft. for pump.
Casing: 4 ft. to 25 ft. Type Ready made cement Size 3 ft x 3 ft
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 22 to ft. 25 Ft. _____ to ft. _____

Type of screen or perforations 1 in. holes punched one ft. apart

Static Water level, for non-flowing well: 12 feet from surface feet.

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

Pumping water level 18 feet feet at 8 gal per min

How tested: with pump, measure and watch

Length of test: few minutes

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

4 yard coarse washed gravel in around
out side of casing.

(over)

