

GW3

File No.

DUPLICATE

RECEIVED
JUL 17 1963

T. 27 N. R. 20 E

STATE ENGINEER
STATE OF MONTANA

County Blaine

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 11 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Oct - 1961

Owner Arnold E. Schreder Address Chinook

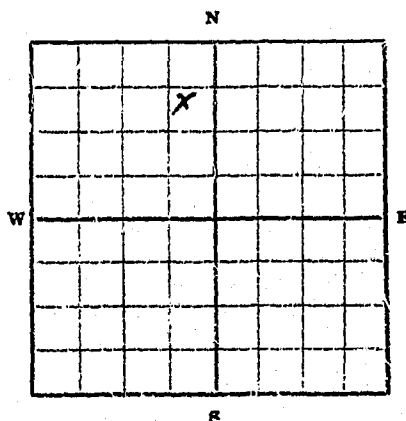
Contractor (if any) Ray Burns

Address of Contractor Chinook Mont

Date Started Oct 13 - 61 Date Completed Oct 19 - 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3 ft

Dry line



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 3 months

For live stock

NW 1/4 Sec. 8 T37N R20E
Indicate point of appropriation and place of use, if possible.

Signature of Owner Arnold E. Schreder

Date July 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 School of Mines and Quadruplicate for the Appropriator.

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 37 NORTH Rge. 20 EAST

[illegible]

249823

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 10 DAY
OF July A. D. 19 23
AT 2 20 O'CLOCK P. M.
Eugene R. May
County Clerk
FEB 23
Deputy

GW

RECEIVED
JUL 17 1963

Approved Stock Form State Publishing Co., Helena, Montana 59606

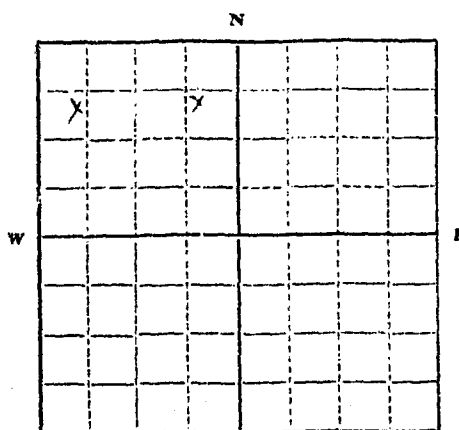
File No.

DUPLICATE

STATE ENGINEER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERCounty BlaineRECEIVED
JUL 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold E. Schreder, of Chinook
(Name of Appropriator) (Address) (Town)County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:Section 22-37-20
T. 22 S. 37 E. 20

..... 1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Household and Fire Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1913
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5
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 Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table 10 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 Hand Casing
10. The estimated amount of groundwater withdrawn each year
11. The log of formations encountered in the drilling of each well if available Clay - gravel
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 Arnold E. SchrederDate July 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.

4980

249822

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 20 DAY
OF July 1963

AT 2:20 O'CLOCK P.M.
Cora L. Huggins
County Clerk
Catherine Sheets
DEPUTY

FEB 24

RECEIVED
JUL 21 1963
CIVIL ENGINEER

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 37 NORTH Rge. 21 EAST

[illegible]

RECEIVED
AUG 29 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 37 R. 21
County Blaine

WATER WELL LOG

Owner Kenneth Gordon Address Chinook

Driller A. C. Townsend - Rm Black conts. Address Chinook

Date Started 8-1-1957 Date Completed 8-17-1957

Location: Sec. 2 T. 37 R. 21 1/4 sec. NE 4 1/4 4

Type of well drilled (Dug, driven, bored, or drilled) Equipment used 22 W-Burys Spudder (Churn drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 7 in 95-6 ft. to 95-6 in. Type Oilfield Size 7 in

Casing: 6 in 129-7 ft. to 216 ft. Type Water well Size 6 in

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 166 to ft. 216 or 30 ft. to ft.

Type of screen or perforations torch slots

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

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

Pumping water level 45 feet at gal. per min. 20 gal.

How tested: bailer test also pumps 7 1/2 gal per min. pump capacity

Length of test:

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

(over)

Log of Well

[illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 217 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 Timothy Gordon

Address Chenok Mt.

Date well started 7-8-71

completed 7-10-71

Type of well dug

Equipment used Churn drill

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

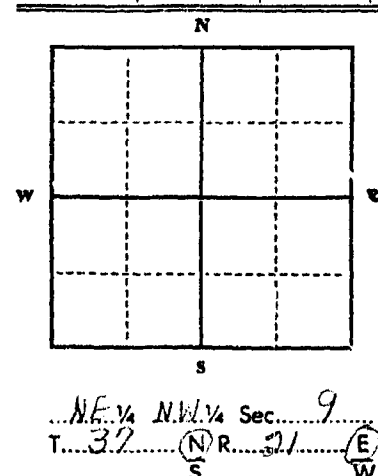
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 1000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8 3/4"</u>	<u>8 3/8"</u>	<u>0</u>	<u>2.2</u>			
<u>7 1/2"</u>	<u>6 3/8"</u>	<u>1.2</u>	<u>10.5</u>	<u>1/2" x 1/2"</u>	<u>84</u>	<u>93</u>



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

Driller's Signature John Wadsworth

Driller's Address Chenok Mt.

LICENSE NO. 01

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 (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>2.2</u>	<u>topsoil</u>
<u>2.2</u>	<u>1.2</u>	<u>light grey shale</u>
<u>1.2</u>	<u>10.5</u>	<u>gravel sand</u>
<u>10.5</u>	<u>10.5</u>	<u>with water</u>
<u>10.5</u>	<u>10.5</u>	<u>dark grey shale</u>
<u>10.5</u>	<u>10.5</u>	<u>bottom</u>

10.5 Show exact depth of bottom

49563

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 10 1971

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.

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 Kenneth Gordon

Address Chinook Mt.

Date well started 7-8-71

completed 9-10-71

Type of well drilled

Equipment used Churn drill

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

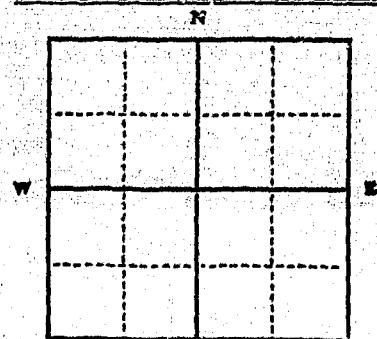
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 un known

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Kind Size	From (Feet)	To (Feet)
8 7/8	8 7/8	0	22				
7 1/2	6 5/8	12	105	4 5/8 x 2"	89	93	



N.E. 1/4 N.W. 1/4 Sec. 9
T. 37 N. R. 21 E. W

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

Driller's Signature Leslie W. Warkentin

Driller's Address Chinook Mt.

LICENSE NO. 01

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	2
0	89
89	93
93	105
105	

105 Show exact depth of bottom

49563

268167

Thank you.

STATE OF MONTANA
County of Blaine
Filed for record this 9 Day
At 8:31 A. D. 1971
O'Clock A. M.
Carr S. Thompson
County Clerk

Deputy

Fee 2.00

Equipment used

(Chain drill, rotary or other)

Water Use Domestic ☐

Municipal ☐

Stock ☒

Irrigation ☐

Industrial ☐

Drainage ☐

Other ☐

Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size and

From

To

PERFORATIONS

RECEIVED

County Blaine

ADMINISTRATIVE WATER CODE
MONTANA WATER RESOURCES BOARD

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.

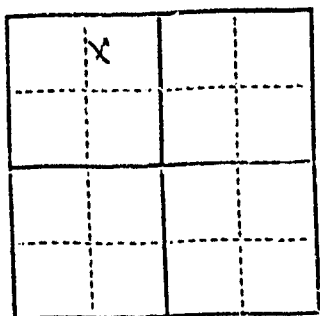
Owner John A. Smith
Address John A. Smith
Date well started 9-8-71 completed 1-10-71
Type of well 1" H.D. (Dug, driven, bored or drilled)
Equipment used Churn (Churn drill, rotary or other)
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use
File 215-61
1-10-71
1-10-71

*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 1 cfm

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2"</u>	<u>1 1/2"</u>	<u>0</u>	<u>2 1/2</u>			
<u>7 1/2"</u>	<u>1 1/2"</u>	<u>1 1/2</u>	<u>105</u>	<u>1 1/2"</u>	<u>21</u>	<u>73</u>



NE 1/4 A. 10 1/4 Sec. 9
T. 37 N. R. 21 E. W.

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

Owner's Signature John A. Smith
Driller's Address John A. Smith
LICENSE NO. 1

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 (Elev. above sea level)

From (Feet)	To (Feet)	Character
0	2 1/2	Soil
2 1/2	105	Sandstone
105	110	Gravel
110	115	Shale
115	120	Sandstone
120	125	Gravel
125	130	Shale
130	135	Sandstone
135	140	Gravel
140	145	Shale
145	150	Sandstone
150	155	Gravel
155	160	Shale
160	165	Sandstone
165	170	Gravel
170	175	Shale
175	180	Sandstone
180	185	Gravel
185	190	Shale
190	195	Sandstone
195	200	Gravel
200	205	Shale
205	210	Sandstone
210	215	Gravel
215	220	Shale
220	225	Sandstone
225	230	Gravel
230	235	Shale
235	240	Sandstone
240	245	Gravel
245	250	Shale
250	255	Sandstone
255	260	Gravel
260	265	Shale
265	270	Sandstone
270	275	Gravel
275	280	Shale
280	285	Sandstone
285	290	Gravel
290	295	Shale
295	300	Sandstone
300	305	Gravel
305	310	Shale
310	315	Sandstone
315	320	Gravel
320	325	Shale
325	330	Sandstone
330	335	Gravel
335	340	Shale
340	345	Sandstone
345	350	Gravel
350	355	Shale
355	360	Sandstone
360	365	Gravel
365	370	Shale
370	375	Sandstone
375	380	Gravel
380	385	Shale
385	390	Sandstone
390	395	Gravel
395	400	Shale
400	405	Sandstone
405	410	Gravel
410	415	Shale
415	420	Sandstone
420	425	Gravel
425	430	Shale
430	435	Sandstone
435	440	Gravel
440	445	Shale
445	450	Sandstone
450	455	Gravel
455	460	Shale
460	465	Sandstone
465	470	Gravel
470	475	Shale
475	480	Sandstone
480	485	Gravel
485	490	Shale
490	495	Sandstone
495	500	Gravel
500	505	Shale
505	510	Sandstone
510	515	Gravel
515	520	Shale
520	525	Sandstone
525	530	Gravel
530	535	Shale
535	540	Sandstone
540	545	Gravel
545	550	Shale
550	555	Sandstone
555	560	Gravel
560	565	Shale
565	570	Sandstone
570	575	Gravel
575	580	Shale
580	585	Sandstone
585	590	Gravel
590	595	Shale
595	600	Sandstone
600	605	Gravel
605	610	Shale
610	615	Sandstone
615	620	Gravel
620	625	Shale
625	630	Sandstone
630	635	Gravel
635	640	Shale
640	645	Sandstone
645	650	Gravel
650	655	Shale
655	660	Sandstone
660	665	Gravel
665	670	Shale
670	675	Sandstone
675	680	Gravel
680	685	Shale
685	690	Sandstone
690	695	Gravel
695	700	Shale
700	705	Sandstone
705	710	Gravel
710	715	Shale
715	720	Sandstone
720	725	Gravel
725	730	Shale
730	735	Sandstone
735	740	Gravel
740	745	Shale
745	750	Sandstone
750	755	Gravel
755	760	Shale
760	765	Sandstone
765	770	Gravel
770	775	Shale
775	780	Sandstone
780	785	Gravel
785	790	Shale
790	795	Sandstone
795	800	Gravel
800	805	Shale
805	810	Sandstone
810	815	Gravel
815	820	Shale
820	825	Sandstone
825	830	Gravel
830	835	Shale
835	840	Sandstone
840	845	Gravel
845	850	Shale
850	855	Sandstone
855	860	Gravel
860	865	Shale
865	870	Sandstone
870	875	Gravel
875	880	Shale
880	885	Sandstone
885	890	Gravel
890	895	Shale
895	900	Sandstone
900	905	Gravel
905	910	Shale
910	915	Sandstone
915	920	Gravel
920	925	Shale
925	930	Sandstone
930	935	Gravel
935	940	Shale
940	945	Sandstone
945	950	Gravel
950	955	Shale
955	960	Sandstone
960	965	Gravel
965	970	Shale
970	975	Sandstone
975	980	Gravel
980	985	Shale
985	990	Sandstone
990	995	Gravel
995	1000	Shale

Show exact depth of bottom

ADMINISTRATIVE CODE
MONTANA WATER RESOURCES BOARD

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.

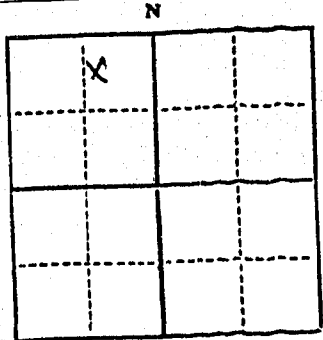
Owner Timothy G. Gaudin
Address Liberty, Mont.
Date well started 7-8-71
completed 7-10-71
Type of well 1" V.D.
Equipment used Churn drill
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

For Administrator's Use
File 218267
August 17, 1971
GW 1

*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 1000 gpm

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Kind Size	From (Feet)	To (Feet)
8 5/8"	8 7/8"	0	22				
7 1/2"	6 3/4"	12	105	1" x 1/2"	84	93	



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

Driller's Signature [Signature]
Driller's Address Liberty, Mont.

LICENSE NO.

BOARD

County Blaine

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 (Elev. above sea level)

From (Feet)	To (Feet)	Character, color, thickness of strata
0	2	Dark brown soil
2	27	Light gray sand
27	11	Light gray sand
11	105	Light gray sand
105	105	Light gray sand

RECEIVED
FEB 3 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Show exact depth of bottom

File No. _____

T. 37 R. 21

DUPLICATE

County Bleaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 18 1963
STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

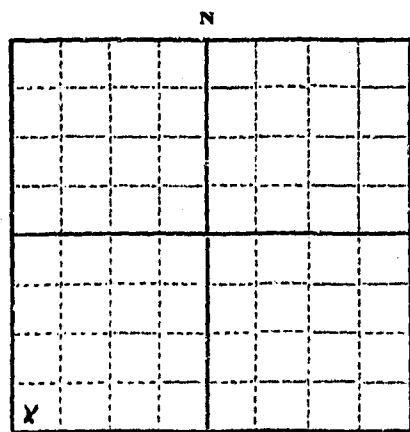
Owner Kenneth Bud Guder Address ChinookDriller Leota Warkentin Address "

Date of Notice of Appropriation of Groundwater _____

Date well started 9-10-63 Date Completed 9-12-63Type of well drilled Equipment Used Chumdiell
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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)
8 5/8"	8 5/8"	+1	0			
8 5/8"	8 5/8"	0	21			
6 5/8"	6 5/8" X 13"	1 1/2	0			
6 5/8"	6 5/8" X 13"	0	62	1/4" X 2	50	60



SW 1/4 Sec. 21 T. 37 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 _____ feet.

Shut-in Pressure for Flowing Well 10 #Pumping Water Level 60 feet at 2.5 gal. per minute.Discharge in gal. per min. of flowing well 2 1/2How Tested hole Length of Test 1 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) Rope packerused between 8 5/8 and 6 5/8. Rodused to seal both casingtogether at top.Driller's License Number 31Driller's Signature Leota Warkentin

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.

6461

250793

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 17 DAY
OF Oct. A. D. 1963
AT 4:40 O'CLOCK P. M.

Conrad P. Musgrave
COUNTY CLERK
Esther Shurt
DEPUTY
FEE 2.00

File No. _____

T. 37 R. 21

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 27 1963

Owner Elmer Smith Address England

Contractor (if any) _____

Address of Contractor _____

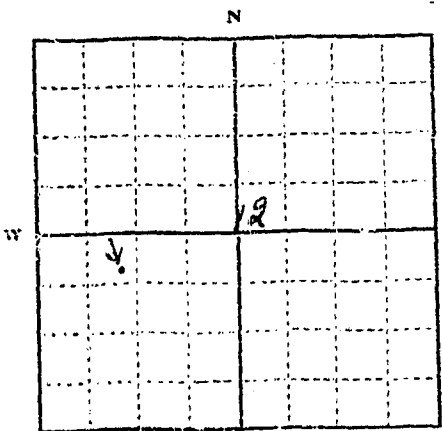
Date Started _____ Date Completed _____

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

Natural

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 yes annual



N. 1/4. W. Sec. 12. T. 7. R. 21.

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

Signature of Owner Elmer Smith

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.

251961

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 27 DAY
OF December A. D. 1963
AT 4:30 O'CLOCK P. M.
Opie F. Messersmith
COUNTY CLERK
Esther Sheet
DEPUTY
PKE 252

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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 Kenneth Gordon
Address Chinook, MT
Date well started 9-11-71
completed 9-12-71

For Administrator's Use
File 268180
December 13 1971
10:26 AM
GW 1

Type of well driven
(Dug, driven, bored or drilled)
Equipment used Churn Drill
(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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" / 8"	6" / 8"	0	60	none		

N
W
E
S

			X

NE 1/4 Sec. 21
T. 37 N R. 21 E
S 8 W

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

Driller's Signature Lester Washburn
Driller's Address Chinook

LICENSE NO. 31

County Blaine 21

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 (Elev. above sea level)

From (Feet)	To (Feet)	
0	60	dark grey shale
60		gravelly sandstone
60		bottom

60 Show exact depth of bottom

49581

268180

Blaine County

Filed 13 Day

December 1971

10:26 a.m.

Lucille I. Admiche

22

STATE OF MONTANA

DEPARTMENT OF REVENUE

COMMISSIONER OF REVENUE

STATE OF MONTANA

DEPARTMENT OF REVENUE

COMMISSIONER OF REVENUE

STATE OF MONTANA

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COMMISSIONER OF REVENUE

STATE OF MONTANA

DEPARTMENT OF REVENUE

GROUNDWATER INDEX

Page 1 of 1

County BLAINE

Twp. 37 NORTH Rge. 22 EAST

[illegible]

File No.
DUPLICATE

33-22-4
33-22-5

County.....
JAN 6 1964

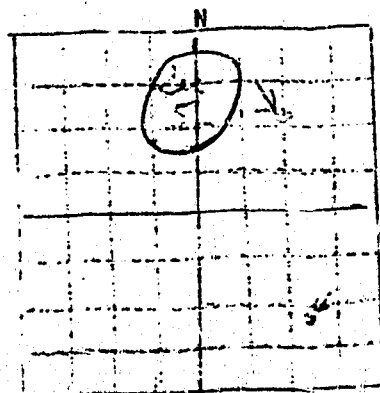
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

Elmer Smith, of Highland Mont.
(Name of Appropriator) (Address) (Town)

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



#1 N. 4. 4. 5. T. 37-22
Indicate point of appropriation
place of use, if possible.
Each small square represents 5
acres.

2. The beneficial use on which the claim is based. house and land use

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000

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.

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

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

The depth of water table. 7-77 #2-120ft

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

The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner Elmer Smith

Date Dec 27 1953

STATE OF MONTANA } ss.
County of
I, _____, having first been duly sworn, depose and say that Elmer Smith of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

215

File No.
DUPLICATE

33-22-22-4
33-22-22-5

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

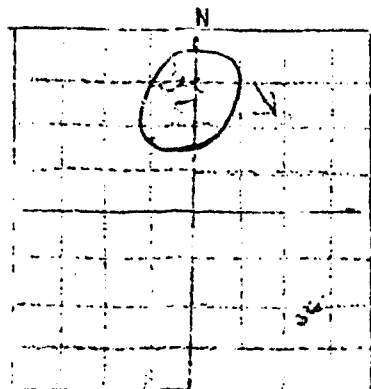
County.....
JAN 6 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

STATE ENGINEER

Elmer Knicker, of Highland Mont.
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based. house and road use

3. Date or approximate date of earliest beneficial use and how continuous the use has been. 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 gpm

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

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

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945

The depth of water table. 7-27 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.

The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner. Elmer Knicker

STATE OF MONTANA
County of Blaine

Date. Dec 27 1963

..... having first been duly sworn, depose and say that ..he... of lawful age and..... the appropriator... and claimant... of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person... whose name... subscribed thereto, as the appropriator... and claimant..., that ..he... know... the contents of said foregoing notice and that the matters and things therein stated are true.

251959

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 27 DAY
OF December A. D. 1963
AT 4:30 O'CLOCK P. M.

Gordon P. Magnuson
COUNTY CLERK
Catherine Sheets
DEPUTY

WRE 202

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 27 NORTH Rge. 23 EAST

[illegible]

File No. _____

T. 37 N R. 23 E Sec. 17

DUPLICATE

County Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER AUG 31 1964

Top of Ground

(Elev. above sea level _____)

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

(Under Chapter 237, Montana Session Laws, 1961)

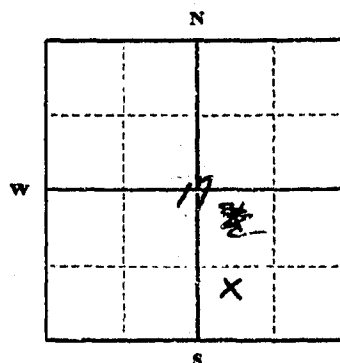
Owner Bella Bengtson Address Hogland
Driller ERNEST O. LEE Address 1208 3rd St. H.A.

Date of Notice of appropriation of groundwater _____

Date well started AUG 4 Date completed AUG 12 1964Type of well DRILLED Equipment used CHURN
(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)
8	6 5/8	0	54	4 x 6	40	54

Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 48 feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BAUERLength of Test 3 HR

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

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.

54 ft

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.

MONTANA #21

Driller's License Number

Ernest O. Lee

Driller's Signature

38412

254435

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF August A. D. 1964
AT 10:45 O'CLOCK A. M.
Cora R. Mangrove
COUNTY CLERK
Catherine Sheet
DEPUTY
PER 200

File No. _____

T. 37N R. 23E Sec. 20

DUPLICATE

County Blaine

LOG

Top of Ground

(Elev. above sea level _____)

0
20
44
61

Brn Clay
Brn Clay & gravel
Gravel & sand

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

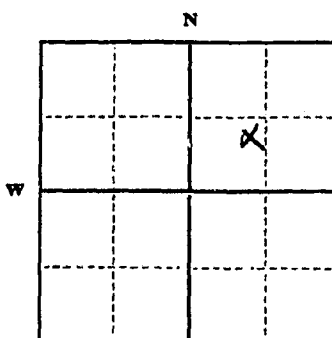
**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bella Bampton Address HoglandDriller ERNEST O. LEE Address 12002 ST. MAUREDate of Notice of appropriation of groundwater 4/5/64Date well started AUG 12 1964 Date completed AUG 17 1964Type of well DRILLED Equipment used CHURN
(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)
8"	5 3/8 18 lb	0	61	4x6	45	60



Static Water Level for non-flowing well

48 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 55 feet.at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BALLERLength of Test 3 HR

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

Sec. 20 T. 37N R. 23E
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.

61 ft

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.

MONTANA # 21
Driller's License Number

Ernest O. Lee
Driller's Signature

38413

254434

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF August A. D. 19 64
AT 10:45 O'CLOCK P. M.

Cora L. Murphy
COUNTY CLERK
Catharine Shubert
DEPUTY

FRK 200

File No.

T. 57N R. 25E

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1964

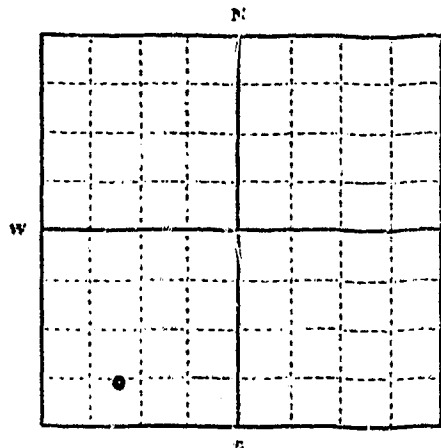
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ordell C. Lindworth, of Hogeland
(Name of Appropriator) (Address) (Town)

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



34 1/4 Sec. 21 T. 37R. 2E

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 domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
used continuously since 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
3 inch cylinder
1/2 horse electric motor and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. well was hand-dug in 1910, and 6 inch steel casing was put into same hole in the 1930s.
8. The depth of water table 45 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.
drilled well with steel casing about 70 feet deep
10. The estimated amount of groundwater withdrawn each year 365,000 gallons
11. The log of formations encountered in the drilling of each well if available. not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
at record to the best of my knowledge

Signature of Owner

Ordell C. Lindworth

Date December 23, 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.

251872

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THE 23 DAY
OF December A. D. 1963
AT 4:15 O'CLOCK P. M.
Carla R. McGuire
Carla R. McGuire COUNTY CLERK
BY 72 DEPUTY

RECEIVED
JUL 17 1959

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T 37 R 23E
County Blaine

WATER WELL LOG

X		

Owner Thermon K. Lindworth Address Hogeland
Driller J. R. Billmeyer Address Hogeland
Date Started May 26, 1959 Date Completed May 28
Location: Sec. 23 T. 37 R. 23E 1/4 sec. NW1/4SW1

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: Top ft. to 57 ft. Type 3/4 wall Size 7"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: 57 ft. to 59 ft. _____ ft. to _____ ft.

Type of screen or perforations cutting torch

Static Water level, for non-flowing well: 28 ft. _____ feet.

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

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

How tested: Bailer

Length of test _____

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

Tested with bailer at approximately 15 gal. per minute.

(over)

Log of Well

[illegible]

No. 247779

247779

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF December A. D. 1962
AT 11.50 O'CLOCK A. M.

A. H. Dora

COUNTY CLERK

FEE \$2.00 paid

DEPUTY

GW

File No.

DUPLICATE

T. 37 N. R. 3 E.

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

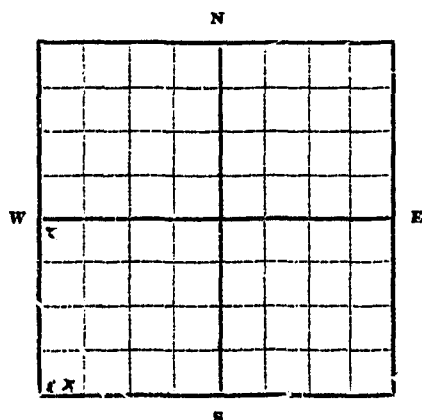
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Herman F. Klundworth, of Hogeland
(Name of Appropriator) (Address) (Town)

County of Blaine State of Montana

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



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based watering cattle irrigate lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 12 1917
ever since

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
hand small electric pump
and gas engine natural flow
from two springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 12 1917 1959 1959

8. The depth of water table 59 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 lawn casing 59 ft deep and
one well 110 ft

10. The estimated amount of groundwater withdrawn each year 25000.00

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

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

Signature of Owner Herman F. Klundworth

Date 12-27-1962

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 School of Mines and Quadruplicate for the Appropriator.

GW

File No.

DUPLICATE

T. J. R. S. C.

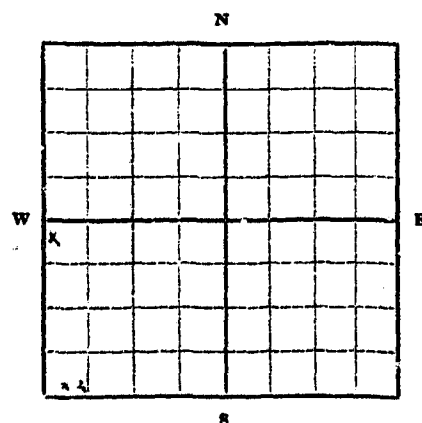
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. John J. R. S. C., of Bozeman,
(Name of Appropriator) (Address) (Town)
County of Bozeman State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 23 T. 37 R. 3 E

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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn and garden and trees
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957
8. The depth of water table 25 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year 25
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner John J. R. S. C.

Date 1961

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.

2980

No. 247778

247778

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF December A. D. 1962
AT 11.50 O'Clock A. M.
A. H. Horn
COUNTY CLERK
\$2.00 paid DEPUTY
FRR

File No.

DUPLICATE

T. 37 R. 3

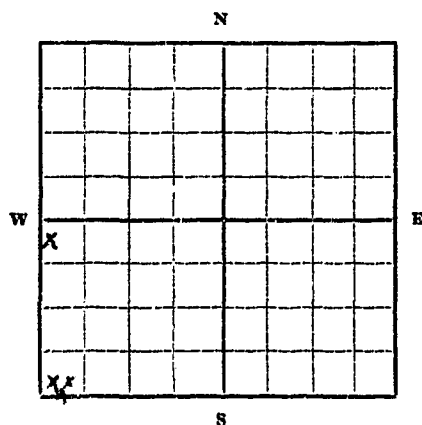
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
STATE ENGINEER

1. Herman F. Klundworth, of Hopedale
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 23 T. 37 R. 3

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 watering cattle irrigate lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 12 1917
since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn and garden and trees
Herman F. Klundworth
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill electric motor
and gas engine and natural flow from two springs
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 12 1917 1959 1950
8. The depth of water table 54 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 in casing 54 ft deep and one well 110 ft
10. The estimated amount of groundwater withdrawn each year not available 2500.00
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Herman F. Klundworth

Date 12-27-1962

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 School of Mines and Quadruplicate for the Appropriator.

No. 24777

247777

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 28 DAY
OF December A. D. 1962
At 11.50 O'Clock A. M.

A. H. Dorn

COUNTY CLERK

FOR \$2.00 paid

DEPUTY

File No. _____

DUPLICATE

J

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 37 R. 23County Blaine

27

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 December 22-1963Owner G. E. Jenkins Address Kalispell, MontContractor (if any) None

Address of Contractor _____

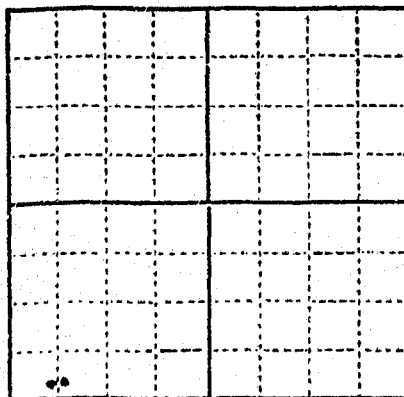
Date Started _____ Date Completed _____

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

N

Flowing Springs

W E



Approx. location of a spring

SW 1/4 Sec. 27, T. 37, R. 23

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.

Approx. 5 gals. per minute
for each spring
Used year around

Signature of Owner G. E. JenkinsDate Dec 19-63

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.

12004

251879

STATE OF MONTANA
County of Blaine
FILED FOR RECORD THIS 23 DAY
OF December A. D. 1923
AT 2:10 O'CLOCK P. M.
Chas. J. Mangum
COUNTY CLERK
B. E. Rother
NOTARY

File No.

DUPLICATE

T. 37 R. 33

County Blaine

JAN 6 1964

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.....

Owner August Beck Address Hailin, Mont

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 flow
out of side of hill
natural flow of water
depth of water unknown

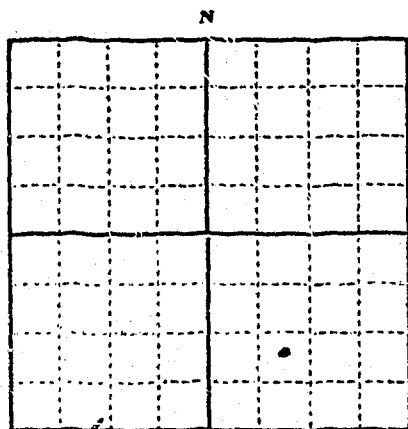
Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Natural
flowing spring flow of
water and amount is
unknown used on an
average of 2 month for stock.

Signature of Owner August Beck

Date Dec 30 1963



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

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

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

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

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

21818

251973

STATE OF MONTANA

County of Blaine

FILED FOR RECORD THIS 3 DAY

OF December A. D. 1963

AT 9:45 O'CLOCK P. M.

Carroll R. Mangione
COUNTY CLERK

Edith Sheets DEPUTY

FILED 20

File No. _____

T 37 R 23

DUPLICATE

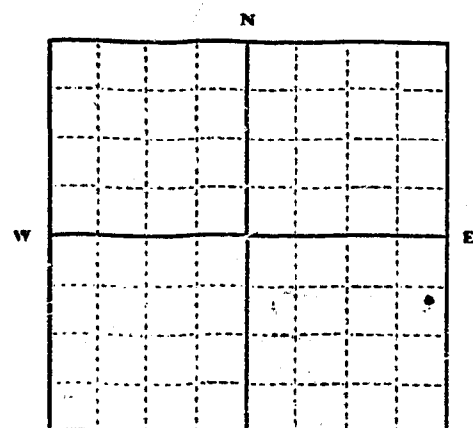
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anna V. Michaelson, of 3120 Poly Dr. Billings
(Name of Appropriator) (Address) (Town)
County of Yellowstone 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.

2. The beneficial use on which the claim is based Household, Livestock, Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Spring 1911
continuous since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1/2 acre yard and garden
Anna V. Michaelson
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and Meter

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring 1911
8. The depth of water table 25-30 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
dug well partially curbed. 3.5 feet deep
4 feet square
10. The estimated amount of groundwater withdrawn each year Continuous flow
11. The log of formations encountered in the drilling of each well if available
12 feet dirt hard rock down to water
hard rock beneath 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 I do not know of any

Signature of Owner Anna V. MichaelsonDate Dec. 30, 1963

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

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

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

21908

252065

252065

STATE OF MONTANA

County of Blaine

FILED FOR RECORD THIS 31 DAY

OF December A. D. 1963

AT 9:25 O'CLOCK P. M.

John L. McNamee

Esther A. Smith COUNTY CLERK

20 DEPUTY

FILE

File No.

DUPLICATE

RECEIVED
SEP 11 1964

T. 37 R. 23
County Blaine

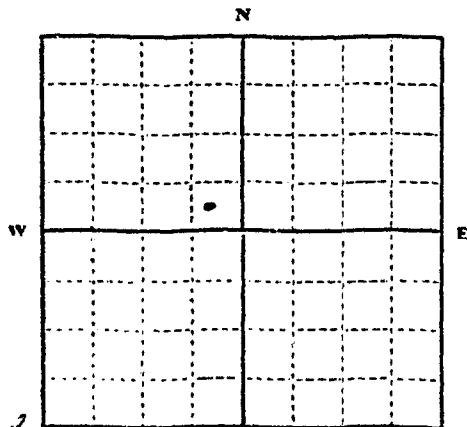
STATE OF MONTANA
ADMINISTRATOR OF AGRI-CULTURE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. August Beck, of Harlem, Mont
(Name of Appropriator) (Address) (Town)

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



Sec. 33 T. 37 R. 23

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct 1932
has been used since that date.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1932

8. The depth of water table 14 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
drilled well with 6 in casing depth of 57 feet.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
no record.

Signature of Owner

August Beck
Date Dec 30 1963

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

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

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

21817

251972

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 3 DAY
OF December A. D. 1963
AT 9:45 O'CLOCK A M;
Car L. Mangere
COUNTY CLERK
Esther Sheet
204

File No.

T. 11 R. 23

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

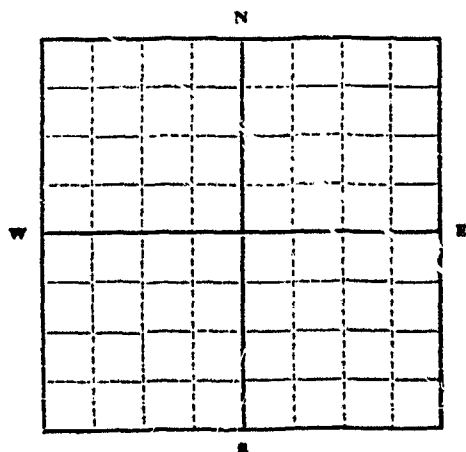
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Donald Mc Laine, of Mageland
(Name of Appropriator) (Address) (Town)
County of Blaine State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/2 S 4 1/4 E 1/2 Sec. 35 T. 37 R. 23

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. 1944 thru 63
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gal per min -
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. up gas engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1944
8. The depth of water table. 3.0 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 inch casing
10. The estimated amount of groundwater withdrawn each year. don't know
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Donald Mc Laine

Date

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

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

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

25463

252067

252067

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 8:30 O'CLOCK P. M.

Core L. [Signature]
Butler [Signature] COUNTY CLERK
[Signature] DEPUTY

WFE 20

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 37 NORTH Rge. 24 EAST

[illegible]

File No.

T. 37 R. 24

DUPLICATE

County Blaine

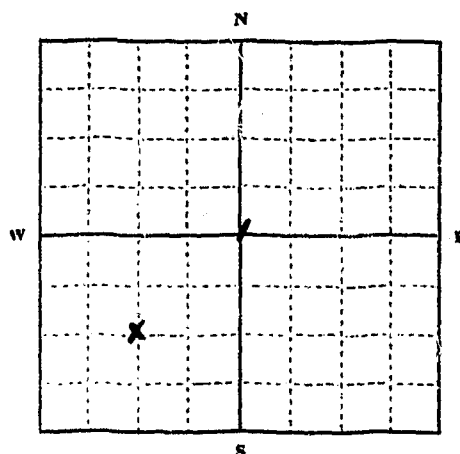
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 4 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis Petrie, of Turner,
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW $\frac{1}{4}$ Sec. 1 T. 37 R. 24

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

2. The beneficial use on which the claim is based
Livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
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
Drilled well
110' depth
10. The estimated amount of groundwater withdrawn each year 150,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Louis Petrie

Date 12/19/63

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.

21846

252002

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 1:40 O'CLOCK P. M.
Cora L. Musgrave
COUNTY CLERK

FEB 20 1964 DEPUTY

File No.

T. 37 R. 24

TRIPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER MAY 19 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Louie Petrus Address Turner, Mont.Driller Billmeyer & Sons Address Billings, Mont.

Date of Notice of Appropriation of Groundwater

Date well started 4-22-64 Date Completed 4-22-64

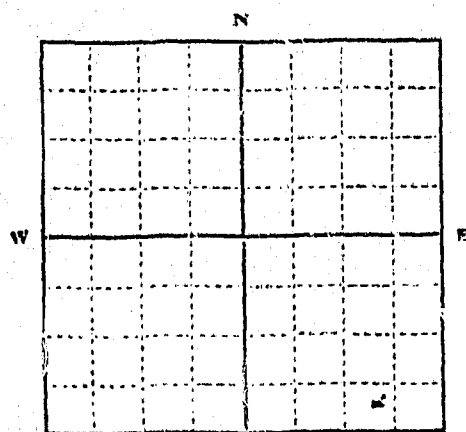
Type of well Equipment Used
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

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)
7"	6 3/8"		18'	cut	10'	16'
	1 1/2"			to		
				to		

2' Soil
Top of Ground
8' clay
(Elev. above sea level)
4' Gravel (water)
6' Blue Shale
20 feet depth



S. 1/4 Sec 13, T. 37 R. 24
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 9' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 16' feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Back Length of Test 1 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)

Driller's License Number 725Driller's Signature R. J. Kuhn

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.

38097

File No. _____

T 37 R 24

TRIPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MAY 19 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leonia Patric Address Turner, Mont.Driller Billmeyer & Sons Address Billings, Mont.

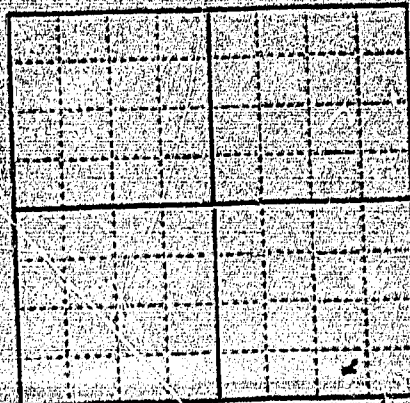
Date of Notice of Appropriation of Groundwater _____

Date well started 4-22-64 Date Completed 4-22-64Type of well _____
(dug, driven, bored or drilled)Equipment Used _____
(Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Draining ☐ 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. Show depth at which water is encountered, thickness and character of water bearing strata and height to which water rises in the well.

3' Soil
Top of Ground
8' Clay
(Elev. above sea level _____)
12' Gravel (water)
6' Blue Shale
20 feet depth

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Flow Rate (gpm)	Pressure (psi)
7"	6 9/8"	18'	cut	12'	16'	16'



Sec. 12, T. 37, R. 24

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 _____

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at _____ gpm

Discharge in gal. per min. of flowing well _____

How Tested Bailey Length of Test 1 hr.

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

No. 5
Driller's License Number
Ralph W. Barn
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.

3809

25-1585
25-3385

STATE OF MONTANA
(County of Foothill)

FILE NO. 25-3385 THIS 15 DAY

OF 1925

AT

CLERK

DEPUTY

FILE

RECEIVED

JUN 12 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

T. 37 R. 24

County Blaine

WATER WELL LOG

Owner Ralph Nace Address Turner
 Driller J. R. Billmeyer Address Hopland
 Date Started June 6, 1959 Date Completed June 7, 1959
 Location: Sec. NE 1/4 NE 1/4 T. 37 R. 24 1/4 sec. 15

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 50 ft. Type 5' oil well Size 5" X 3/4" well

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

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

Perforated or Screened: Ft. 46 to ft. 50 Ft. _____ to ft. _____

Type of screen or perforations cutting torch

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

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

Pumping water level 45 feet at 12 gal. per min.

How tested: Boiler

Length of test 1 1/2 hr.

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

water seems warm and may be fed from joining sewer.

(over)

[illegible][illegible]

File No.

DUPLICATE

RECEIVED
MAY 27 1964

T. 37 R. 24

County Blaine

STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ordway Ratter Address Hogeland Mont.Driller Billmeyer & Sons Address Billings Mont.

Date of Notice of Appropriation of Groundwater

Date well started 5-21-64 Date Completed 5-22-64

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

Top of Ground Approx.
(Elev. above sea level 3200)

10' clay

15' muddy sand

10' Blue clay

10' Quick Sand

15' Blue clay

12' Sand "Water"

3' Blue clay

Depth
75 feet

Size of Drilled Hole 7"

Size and Weight of Casing 6 5/8"
.188

From (Feet)

To (Feet) 75'

PERFORATIONS

Kind Size cut

From (Feet) 69'

To (Feet) 72'

with

torch

Static Water Level for non-flowing Well 13 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 35 feet at 40 gal. per minute.

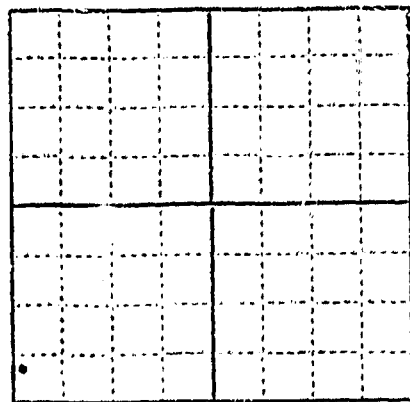
Discharge in gal. per min. of flowing well

How Tested with bailer Length of Test 1 hour

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

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

Show exact depth of bottom.



S. 1/4 Sec. 19 T. 37 R. 24

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

Show exact depth of bottom.

No. 5
Driller's License Number

Ralph E. Wham
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.

38130

253628

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 25 DAY
OF May A. D. 19 64
AT 11:30 O'CLOCK A.M.

Cara L. Mueggen
COUNTY CLERK

PER 3rd

DEPUTY

GW

File No.

DUPLICATE

T. 37 R. 24

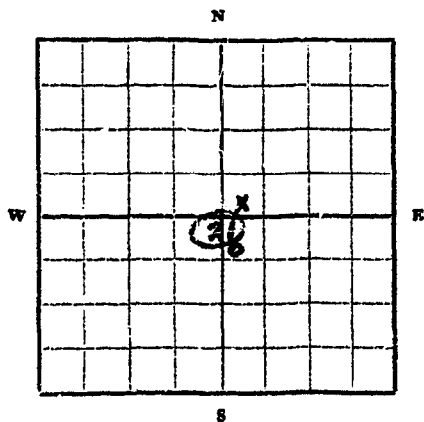
County. Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Minerva** ~~Blaine~~ **Nace** of **Turner,**
(Name of Appropriator) (Address) (Town)
County of **Blaine** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 21-37-24.

SW 1/4 Sec. 21 T. 37 R. 24

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

2. The beneficial use on which the claim is based **Livestock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1950**
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
x - pump
o - artesian well, natural flow.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
x - dug well -- 20'
o - artesian
10. The estimated amount of groundwater withdrawn each year **150,000 gallons**
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Minerva Nace

Date **12/19/63**

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 School of Mines and Quadruplicate for the Appropriator.

21847

252003

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 1:45 O'CLOCK P. M.
Clerk B. Thompson
COUNTY CLERK

FILE 200

DEPUTY