

235753

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
the 15 day of JUNE
A.D. 1973 at 20 min. past
12 o'clock P.M.

Recorder of Lewis & Clark
County, State of Montana

William L. Smith
County Recorder

By *D. L. Smith*
Deputy

210

STATE WATER CONSERVATION BOARD

AW 2

001 13 355

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

File No. _____

DUPLICATE

Butler _____
 Coyle _____
 Dickinson _____
 Dickey _____

T. 10 N. R. 4 W. 9 S
 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 October 5, 1965Owner H. T. Buswell Address Route 1, Box 329
Helena, 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. A natural spring located in the E 1/4 Sec. 9, T. 10N. R. 4W has started to flow again after many years of dormancy following the 1935 earthquakes. The amount of water entering my property in the E 1/4 Sec. 10, T. 10N. R. 4W varies from one-half to one second feet depending on the time of year. Application is made for the entire output of this spring less the amount that is lost through natural causes in the flow in the stream bed from the source to my property.

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

estimate approximate lengths of periods of use. Water is being put to beneficial use in irrigating ground on my property during the growing season. It also provides drinking water for livestock during most of the year. The quantity of flow depends on the time of the year, but ranges from one-half to one second foot.

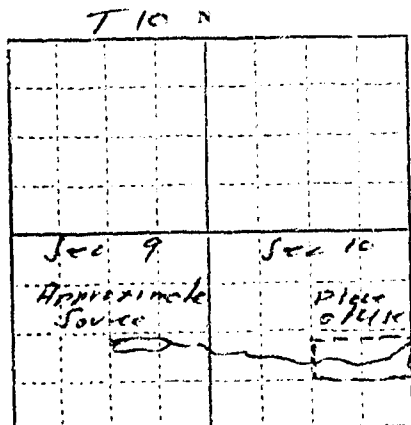
Signature of Owner H. T. BuswellDate October 5, 1965

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.



1/4 Sec. T. R.

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

171947

RECORDED
INDEXED
OCT 27 1900



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 14th day of Oct
A.D. 1900 at 7 min. past
10 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

William Donich
County Recorder

By Louise C. Russell
Deputy

2100

48967

48462

219834

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 20 day of Aug.
A.D. 19 71 at 10 min. West
2 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John L. Smith
County Recorder

Betty J. Smith
Deputy

3.00

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 Thomas E. Linder

Address 4005 Shawnee Road

Helena, Montana

Date well started May 3 - 73

completed May 8 - 73

For Administrator's Use

File 234678

May 11, 1973

GW 1 10:00 A.M.

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

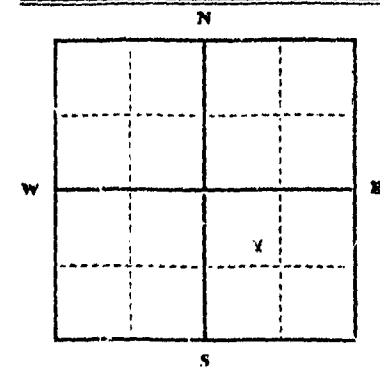
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 65,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1916	0	10			
	Liner	18	155 ft			



N.W. 1/4 S.E. 1/4 Sec. 9
T. 10 N. R. 4 E
S W

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

Driller's Signature Wesley Lindsay

Driller's Address Cheney Montana

LICENSE NO. 38

County Blaine

DRILLER'S LOG

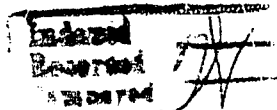
Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	5	topsoil 2 ft. deep
5	10	shale 5 ft. deep
10	15	clay 5 ft. deep
15	20	shale 5 ft. deep
20	25	clay 5 ft. deep
25	30	shale 5 ft. deep
30	35	clay 5 ft. deep
35	40	shale 5 ft. deep
40	45	clay 5 ft. deep
45	50	shale 5 ft. deep
50	55	clay 5 ft. deep
55	60	shale 5 ft. deep
60	65	clay 5 ft. deep
65	70	shale 5 ft. deep
70	75	clay 5 ft. deep
75	80	shale 5 ft. deep
80	85	clay 5 ft. deep
85	90	shale 5 ft. deep
90	95	clay 5 ft. deep
95	100	shale 5 ft. deep
100	105	clay 5 ft. deep
105	110	shale 5 ft. deep
110	115	clay 5 ft. deep
115	120	shale 5 ft. deep
120	125	clay 5 ft. deep
125	130	shale 5 ft. deep
130	135	clay 5 ft. deep
135	140	shale 5 ft. deep
140	145	clay 5 ft. deep
145	150	shale 5 ft. deep
150	155	clay 5 ft. deep
155	160	shale 5 ft. deep
160	165	clay 5 ft. deep
165	170	shale 5 ft. deep
170	175	clay 5 ft. deep
175	180	shale 5 ft. deep
180	185	clay 5 ft. deep
185	190	shale 5 ft. deep
190	195	clay 5 ft. deep
195	200	shale 5 ft. deep
200	205	clay 5 ft. deep
205	210	shale 5 ft. deep
210	215	clay 5 ft. deep
215	220	shale 5 ft. deep
220	225	clay 5 ft. deep
225	230	shale 5 ft. deep
230	235	clay 5 ft. deep
235	240	shale 5 ft. deep
240	245	clay 5 ft. deep
245	250	shale 5 ft. deep
250	255	clay 5 ft. deep
255	260	shale 5 ft. deep
260	265	clay 5 ft. deep
265	270	shale 5 ft. deep
270	275	clay 5 ft. deep
275	280	shale 5 ft. deep
280	285	clay 5 ft. deep
285	290	shale 5 ft. deep
290	295	clay 5 ft. deep
295	300	shale 5 ft. deep
300	305	clay 5 ft. deep
305	310	shale 5 ft. deep
310	315	clay 5 ft. deep
315	320	shale 5 ft. deep
320	325	clay 5 ft. deep
325	330	shale 5 ft. deep
330	335	clay 5 ft. deep
335	340	shale 5 ft. deep
340	345	clay 5 ft. deep
345	350	shale 5 ft. deep
350	355	clay 5 ft. deep
355	360	shale 5 ft. deep
360	365	clay 5 ft. deep
365	370	shale 5 ft. deep
370	375	clay 5 ft. deep
375	380	shale 5 ft. deep
380	385	clay 5 ft. deep
385	390	shale 5 ft. deep
390	395	clay 5 ft. deep
395	400	shale 5 ft. deep
400	405	clay 5 ft. deep
405	410	shale 5 ft. deep
410	415	clay 5 ft. deep
415	420	shale 5 ft. deep
420	425	clay 5 ft. deep
425	430	shale 5 ft. deep
430	435	clay 5 ft. deep
435	440	shale 5 ft. deep
440	445	clay 5 ft. deep
445	450	shale 5 ft. deep
450	455	clay 5 ft. deep
455	460	shale 5 ft. deep
460	465	clay 5 ft. deep
465	470	shale 5 ft. deep
470	475	clay 5 ft. deep
475	480	shale 5 ft. deep
480	485	clay 5 ft. deep
485	490	shale 5 ft. deep
490	495	clay 5 ft. deep
495	500	shale 5 ft. deep
500	505	clay 5 ft. deep
505	510	shale 5 ft. deep
510	515	clay 5 ft. deep
515	520	shale 5 ft. deep
520	525	clay 5 ft. deep
525	530	shale 5 ft. deep
530	535	clay 5 ft. deep
535	540	shale 5 ft. deep
540	545	clay 5 ft. deep
545	550	shale 5 ft. deep
550	555	clay 5 ft. deep
555	560	shale 5 ft. deep
560	565	clay 5 ft. deep
565	570	shale 5 ft. deep
570	575	clay 5 ft. deep
575	580	shale 5 ft. deep
580	585	clay 5 ft. deep
585	590	shale 5 ft. deep
590	595	clay 5 ft. deep
595	600	shale 5 ft. deep
600	605	clay 5 ft. deep
605	610	shale 5 ft. deep
610	615	clay 5 ft. deep
615	620	shale 5 ft. deep
620	625	clay 5 ft. deep
625	630	shale 5 ft. deep
630	635	clay 5 ft. deep
635	640	shale 5 ft. deep
640	645	clay 5 ft. deep
645	650	shale 5 ft. deep
650	655	clay 5 ft. deep
655	660	shale 5 ft. deep
660	665	clay 5 ft. deep
665	670	shale 5 ft. deep
670	675	clay 5 ft. deep
675	680	shale 5 ft. deep
680	685	clay 5 ft. deep
685	690	shale 5 ft. deep
690	695	clay 5 ft. deep
695	700	shale 5 ft. deep
700	705	clay 5 ft. deep
705	710	shale 5 ft. deep
710	715	clay 5 ft. deep
715	720	shale 5 ft. deep
720	725	clay 5 ft. deep
725	730	shale 5 ft. deep
730	735	clay 5 ft. deep
735	740	shale 5 ft. deep
740	745	clay 5 ft. deep
745	750	shale 5 ft. deep
750	755	clay 5 ft. deep
755	760	shale 5 ft. deep
760	765	clay 5 ft. deep
765	770	shale 5 ft. deep
770	775	clay 5 ft. deep
775	780	shale 5 ft. deep
780	785	clay 5 ft. deep
785	790	shale 5 ft. deep
790	795	clay 5 ft. deep
795	800	shale 5 ft. deep
800	805	clay 5 ft. deep
805	810	shale 5 ft. deep
810	815	clay 5 ft. deep
815	820	shale 5 ft. deep
820	825	clay 5 ft. deep
825	830	shale 5 ft. deep
830	835	clay 5 ft. deep
835	840	shale 5 ft. deep
840	845	clay 5 ft. deep
845	850	shale 5 ft. deep
850	855	clay 5 ft. deep
855	860	shale 5 ft. deep
860	865	clay 5 ft. deep
865	870	shale 5 ft. deep
870	875	clay 5 ft. deep
875	880	shale 5 ft. deep
880	885	clay 5 ft. deep
885	890	shale 5 ft. deep
890	895	clay 5 ft. deep
895	900	shale 5 ft. deep
900	905	clay 5 ft. deep
905	910	shale 5 ft. deep
910	915	clay 5 ft. deep
915	920	shale 5 ft. deep
920	925	clay 5 ft. deep
925	930	shale 5 ft. deep
930	935	clay 5 ft. deep
935	940	shale 5 ft. deep
940	945	clay 5 ft. deep
945	950	shale 5 ft. deep
950	955	clay 5 ft. deep
955	960	shale 5 ft. deep
960	965	clay 5 ft. deep
965	970	shale 5 ft. deep
970	975	clay 5 ft. deep
975	980	shale 5 ft. deep
980	985	clay 5 ft. deep
985	990	shale 5 ft. deep
990	995	clay 5 ft. deep
995	1000	shale 5 ft. deep

153 Show exact depth of bottom

53,169

234678



STATE OF MONTANA
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 11 day of May
A.D. 1973 at 0 min past
10 o'clock AM

Records of Lewis & Clark
County, State of Montana

[Signature]
County Recorder
[Signature]
Deputy
[Signature]

File No. _____

T. _____ R. _____

DUPLICATE

County Deer 9

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner Gene Lovely Address Helena ValleyDriller Wes Lindsay Address Clancy, Montana

Date of Notice of appropriation of groundwater _____

Date well started Aug. 29, 1969 Date completed August 31, 1969Type 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)
6"	17 lb.	0	65	1/2 x 1 1/2	30	60

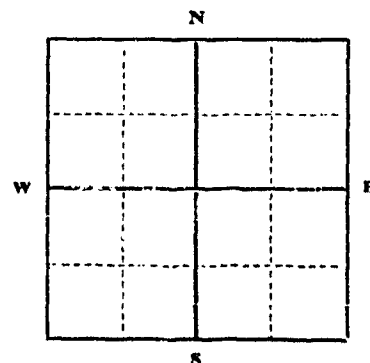
Top of Ground
(Elev. above sea level _____)

0 - 2 ft.

2 ft. to 15 ft.
Semi Hard
shale

15 ft. to 30 ft.
Decomposed shale

30 ft. to 65 ft.
Hard shale rock



SECTION OF FT. HARRISON RANCH
N. 1/4 Sec. 2 T. 2 S. R. 4 E.

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

Static Water Level for non-flowing well
_____ 35 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ 60 feet
at _____ 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Boiler

Length of Test 3 hrs.

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

(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.

38
Driller's License Number

Driller's Signature Wesley Lindsay
45874

206856

Indexed	
Recorded	
Serialized	

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
the 17 day of Nov
A.D. 1969 at 30 min. past
8 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

John J. Smith
County Recorder
Carol Smith
Deputy

2.00

RECEIVED
NOV 19 1969

File No. _____

1 15 R. 4 9

DUPLICATE

County Blaine

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

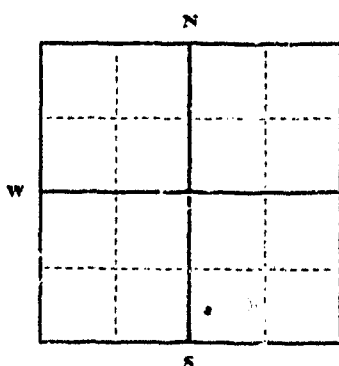
Top of Ground

(Elev. above sea level _____)

Owner Luigi Nordahl Address Box 22 HelenaDriller Art. Nordahl Address Box 22 HelenaDate of Notice of appropriation of groundwater March 1, 1963Date well started March 1, 1963 Date completed March 1, 1963Type 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" 17'		117			



SE 1/4 Sec. 9 T. 10 R. 4
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested Pump

Length of Test _____

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

(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. 117'

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.

Driller's License Number 45956Driller's Signature Art. Nordahl

45956

206019

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 29 day of Sept
A.D. 19 29 at 10 M.M. past
9 o'clock A.M.

Records of Lewis & Clark
County, State of Montana.

County Recorder
by Carol Shute
Deputy
2.00

RECEIVED
CLERK OF DISTRICT COURT
6921 22 100

County Lewis & Clark

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 Gary B. Nordahl

Address Helena, Montana.

Rt. 1

Date well started Aug. 11, 1970

completed Aug. 13, 1970

Type of well Drilled

(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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	17 lb.	0	66	LINEAR		
				4 5/8	66	99

W

Static water level1.6.....ft.*
Pumping water level95.....ft.*
at .5-.6.....gallons per minute,
measured .60.....minutes after pumping
began.

*Measured from ground level.
Well developed by Bailer
for 2 hours.

Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature

Driller's Address

LICENSE NO

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)

[illegible]

99 Show exact depth of bottom

118514

File No.

T. 10 R. 4

DUPLICATE

County Lewis & Clark

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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, as amended)

Owner L.E. Smith Address Helena, MontanaDriller Wesley Lindsey Address Clancy, Montana

Date of Notice of appropriation of groundwater

Date well started Nov. 1 - 68 Date completed Nov. 3 - 68Type 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.

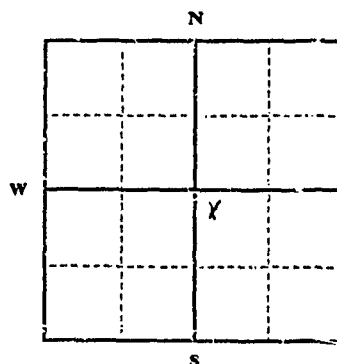
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1710	0	69	none		

49 ft. to 62 ft.

Silt Composed Lime Stone

62 ft. to 69 ft.

Lime Rock



$N \frac{1}{2} E \frac{1}{4}$ Sec. 9, T. 22, R. 4
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 49 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 62 feet
at 5-6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 3 hrs.

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

(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).

Irrigate yard

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.

Driller's License Number

Wesley Lindsey
Driller's Signature.44,914

261643

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } 50

I hereby certify that the within in-
strument was filed in my office on
this 7 day of Jan
A.D. 19 69 at 20 min. past
10 o'clock A.M.

John Donich
County Recorder of Lewis & Clark
County, State of Montana.

By M. Lee
Deputy

2
10

214344

STATE OF MONTANA
COUNTY OF LEWIS & CLARK } S:

I hereby certify that the within in-
strument was filed in my office on
this 10 day of Dec
A.D. 1990 at 2 min. past
1 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

John L. Kovich
County Recorder
by Casey Erickson
Deputy

2.00

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner H. T. Baswell Address Route 8, Helena
Driller Lindsay & Price Address Clancy
Date Started 3-18-57 Date Completed 4-10-57
Location: Sec. 16 T. 10N R. 4W $\frac{1}{4}$ sec. E $\frac{1}{2}$ SW $\frac{1}{4}$

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: 0 ft. to 6.7 ft. Type 6" Steel Pipe

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

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

Perforated or Screened: Ft. 4.4 to ft. 6.0 Ft. _____ to ft. _____

Type of screen or perforations 3/8 x 1/4 Perforations

Static Water level, for non-flowing well: 4.4 feet.

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

Pumping water level 6.0 feet at 7 gal. per min.

How tested: Bailer & Pump

Length of test 4 hours

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

(over)

Indexed
Recorded
Compared

lm

8602F

State of Montana } ss.
County of Lewis & Clark }

I hereby certify that the within
instrument was filed in my office on
this 8th day of Oct .D
1957 at 12 min past 11 o'clock
A.M.

Records of Lewis & Clark
County, State of Montana,
Florence Thitch Fawcett

County Recorder.

By Donna C. Runey
Deputy

504

T. 16 N R. 7 E 10
County 180

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 1 1961

WATER WELL LOG

STATE ENGINEER

Owner Price and Lindsay Address Clancy, Mont.

Driller H.T. Buswell Address Helena

Date Started April, 26, 1961 Date Completed April, 29, 1961

Location: Sec. 16 T. 16 N R. 7 E 1/4 sec. 1 Sec. 1/4

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing 0 ft. to 50 ft. Type 15 lb. New Size 65/8" od

Casing: 49 ft. to 58 ft. Type 13 lb. new Size 5 5/16" O.D.

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

Perforated or Screened: Ft. 50 to ft. 58 Ft. _____ to ft. _____

Type of screen or perforations 5" liner torch perforated

Static Water level, for non-flowing well: 30 feet.

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

Pumping water level 35 feet at 15 gal. per min.

How tested: bailer

Length of test approx. 1hr.

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

(over)

Log of Well

[illegible]

File No.

T. 100 R. 10

DUPLICATE

County Leavenworth & Clark

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner John A. Bonnes Address Helena, MontDriller A. F. Welch Address Helena, Mont

Date of Notice of appropriation of groundwater

Date well started June 5 Date completed June 8 1967Type of well Drilled Equipment used Cable Tool
(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 5/8	6 5/8	17 Lbs. 0	78	No		

Doc. No. 209081
Filed for record
this 6 day of April
A. D. 19 70 at 1:00
o'clock P.

78

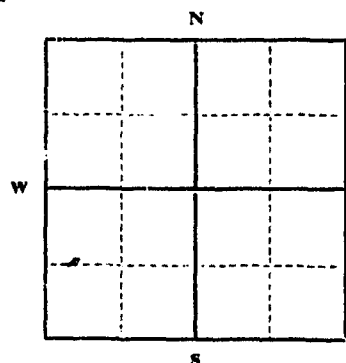
Line

80

Water
Sand

86

Show exact depth of bottom.

W 1/4 Sec. 11, T. 14 N. R. 10 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well
20 feet.Shut-in Pressure for Flowing Well NoPumping Water Level 7 feet
at 86 gal. per minute.Discharge in gal. per min. of flowing well
NoHow Tested BailerLength of Test 2 Hrs

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

(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).

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.

100

Driller's License Number

Driller's Signature.

46381

209081

Recorded
Indexed
Numbered

[Handwritten initials]

DATE FILED _____

FILED IN _____
INDEXED IN _____
NUMBERED IN _____
APR 19 70 10 min. past 1 o'clock P.M.

Records of Lewis & Clark
State of Montana

[Handwritten signature: Helen K. Smith]

County Recorder

[Handwritten signature: Carol Erickson]

Deputy

1.00

APR 12 1970

RECEIVED
MONTANA STATE ARCHIVES
HELENA, MONTANA

File No.

T. 12ⁿ R. 4^w

DUPLICATE

County. L. C.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

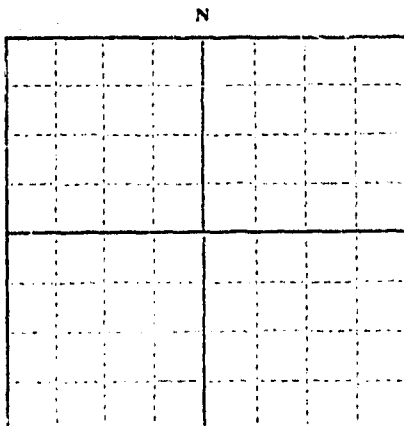
Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Meredith Krasner Address Route 1 HelenaDriller Price & Lindsay Address Clancy, MontanaDate of Notice of Appropriation of Groundwater. Feb 10-62Date well started Feb 10-62 Date Completed Feb 16-62Type of well. Drilled Equipment Used Churn
(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)
6	1 7/8	0	43-			
		5' from	44 to	5-3		



1/4 Sec. 10, T12N R4W
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. 40 feet.

Shut-in Pressure for Flowing Well. 45-10

Pumping Water Level. feet at gal. per minute.

Discharge in gal. per min. of flowing well. 1 hrs.

How Tested. Length of Test.

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

Driller's License Number

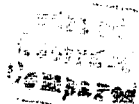
Driller's Signature

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.

35038



CL 153 733

STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within in-
strument was filed in my office on
this 21st day of July
A.D. 1964 at 40 min. past
12 o'clock P.M.

Allen Lonick
County Recorder
County, State of Montana.

Loraine C. Ramee
County Recorder
Deputy

2.00

File No. _____

DEC 13 1965

T. 10 N. R. 14 W. S. 16

DUPLICATE

Bill _____
 Butcher _____
 Coyle _____
 Darlington _____
 Dickert _____

County Lea

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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 Maradell, Fred Address Rt. 1 Helena Mont.Driller Price + Gendry Address Clancy Mont

Date of Notice of appropriation of groundwater _____

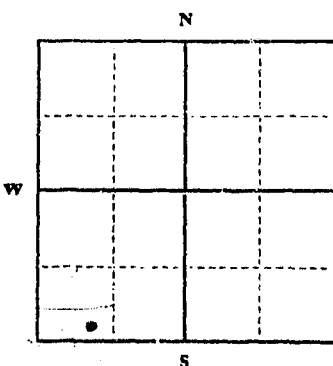
Date well started May Date completed May

Type 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)
6"	151b	0	64	Linear	4 1/2"	from 64' to 78 ft.



W 2 S 16 N Sec. 10 T. 10 R. 14
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well
 40 feet.

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

Pumping Water Level..... 72 feet
 at..... 6 gal. per minute.

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

How Tested..... Bailer

Length of Test..... 2 hrs

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

(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.

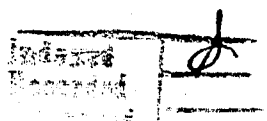
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

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

38
 Driller's License Number

Wesley Lindsay
 Driller's Signature

39989



173503

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 10 day of Dec
A.D. 1965 at 9:45 o'clock P.M.
at Bozeman, Montana.
County Clerk of Lewis & Clark

Norma Kelley
County Clerk

2.00
Deputy

SW 3

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

File No.

T. 10 N. R. 4 W.

DUPLICATE

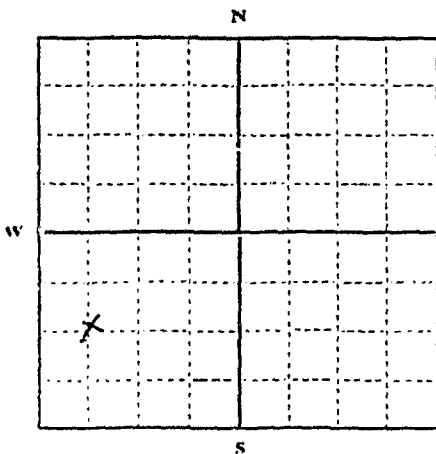
County LEWIS AND CLARK

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)



W 1/2 SW 1/4 Sec. 10, T. 10 N. R. 4 W.

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

Doc. No. 227983
Filed for record
this 21 day of August
A. D. 19 72, at 8:35
o'clock A. M.

Date of Appropriation of Groundwater July 1972

Owner Maradell Fraser Address Birdseye Route
Helena, Montana

Contractor (if any) None

Address of Contractor

Date Started June 15 Date Completed

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

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

3) Depth of water table

4) Use of the water irrigation

5) Amount of groundwater claimed (in miner's inches, or gallons
per minute) 22 miners inches

6) If used for irrigation, give number of acres and description of
land 20 acres of pasture land

7) Estimate amount of water used each year

Signature of Owner Maradell Fraser

Date

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.

51,293

227983

Indexed
Recorded
Corporated

97

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 21 day of Aug
A. D. 19 72 at 35 min. past
8 o'clock P.M.

Records of Lewis & Clark
County, State of Montana

[Signature]
County Recorder

[Signature]
Deputy

200

RECEIVED

County LEWIS & CLARK

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 WILLARD, D. HILL

Address 112 MEADOW DR

HELENA

Date well started SEPT 15

completed SEPT 30-71

Type of well DRILLED

Equipment used CABLE TOOLS

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

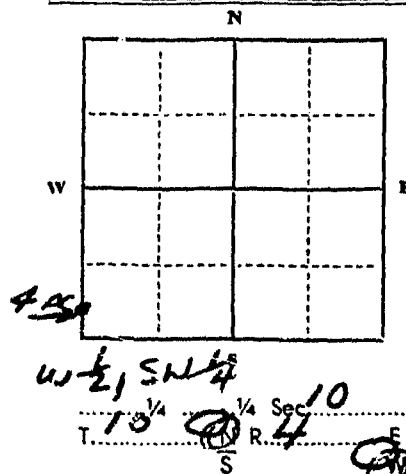
* Industrial ☐ Drainage ☐ Other ☒ Garden/Lawn ☒

* Describe MOBILE HOME PARK

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). ACROS - 25 UNITS

ESTIMATED ANNUAL WITHDRAWAL 27,000,000 GALS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6 5/8</u>	<u>6 5/8</u> <u>17 LB</u>	<u>0</u>	<u>80</u>	<u>5 IN LINER</u> <u>SET FROM 80-102</u>



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

Driller's Signature A. J. Welch

Driller's Address 5820 N. MONT. AVE
HELENA, MONT. LICENSE NO. 100

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		
From (Feet)	To (Feet)	
<u>0</u>	<u>48</u>	<u>ROCK & GRAVEL</u>
<u>48</u>	<u>53</u>	<u>WATER SAND</u>
		<u>10 GALS. MIN</u>
<u>53</u>	<u>82</u>	<u>CLAY & SAND</u>
<u>82</u>	<u>87</u>	<u>WATER SAND</u>
		<u>WATER INCREASE</u> <u>TO APPROX 30 GALS</u> <u>MIN.</u>
<u>87</u>	<u>102</u>	<u>GRAY CLAY</u>

102 Show exact depth of bottom

49190

~~220700~~
220888

Indexed
Recorded
Compared

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 1st day of Oct
A.D. 19 71 at 5 min. past
9 o'clock A.M. and record-
ed on page of Book
of Records of Lewis and
Clark County, State of Montana.

John Smith
County Recorder

By Betty Stafford
Deputy

200

Department of Natural Resources and Conservation
Water Resources Division
Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

Driller Walter T. Riddick 59601
Address 536 E. Rodney, Helena
Location T. 10N. R. 4W. Sec. 10
Doc. No. 323 E 26

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

Special Instructions:

Please provide, as indicated in red on the enclosed form, your signature, address and license number, if you did in fact drill this well.

Thank you.

*Sent on
4/11/77*

49,926

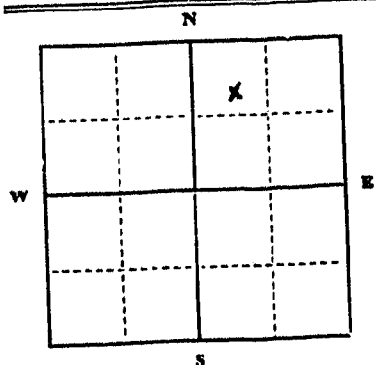
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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 250,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" steel	0-140'	140'	1 1/2" 10	41'	44'
				1 1/2" 20	40'	50'



N. 1/4 Sec. 10
T. 10 N. R. 4 W.

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

Driller's Signature Walter Riddick

Driller's Address

LICENSE NO.

151' Show exact depth of bottom

49,926

223676

STATE OF MONTANA
COUNTY OF LEWIS & CLARK { S:

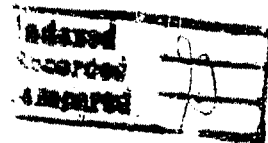
I hereby certify that the within in-
strument was filed in my office on
this 22 day of Feb
A.D. 19 76 at 4:15 min. past
9 o'clock A.M. and record-
ed on page 7 of Book 7
of 7 Records of 7 and
Clark County State of Montana.

John L. Linnick
County Recorder
By Letty Stafford
Deputy

2.00

52, 839

233731



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK }

I hereby certify that the within instrument was filed in my office on this 5 day of April A.D. 19 23 at 10 min. past 12 o'clock P.M. and recorded on page _____ of Book _____ of _____ Records of Lewis and Clark County, State of Montana.

[Signature]
County Recorder
By [Signature]
Deputy
[Signature]

File No.

T10 N R 4 W

DUPLICATE

County Lewis and Clark

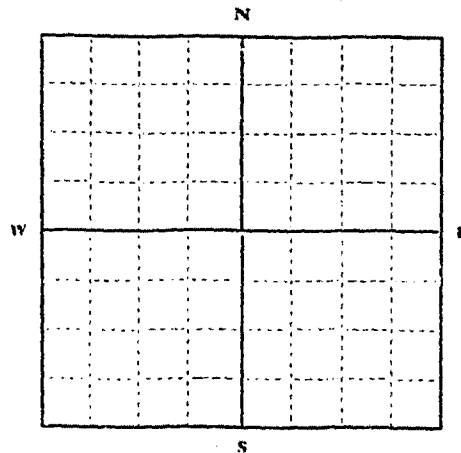
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. W. J. Harrer & Sons, Inc., a / Montana corporation, of Green Meadow Ranch, Helena
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark 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 : the irrigation of hay, grain, grass and other crops.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. March 31, 1865, and continuously ever since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 miner's inches (12 1/2 cubic feet per second).
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
Description on reverse side.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Surface water is diverted into a portion of the area. Because of the high water table this raises the level of the groundwater so that it sub-irrigates, and irrigates, the land above described. (Cont. on back)
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 31, 1865.
8. The depth of water table. The depth of the water table varies from 18 ft. up to the surface of the ground, depending upon the season of the year and the amount of surface water applied, as well as amount of surface water in general area.
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. As above mentioned, irrigation of a portion of the surface with surface water taken from 10-Mile Creek and 7-Mile Creek through a series of ditches raises the level of the groundwater to either the surface of the ground or close enough thereto to provide irrigation for crops. In addition, at certain times of the year, the level of the ground water is high enough to provide such sub-irrigation and irrigation without application of surface water.
10. The estimated amount of groundwater withdrawn each year. 500 miner's inches (12 1/2 cubic ft. per second). (Impossible to estimate on a yearly basis).
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. The above described sub-irrigation and irrigation depends wholly upon ground water being maintained at a high level. The ground water, by natural processes will, at times, come to the surface of the land where it is available for irrigation, or will come
(continued on reverse side)

ATTEST:

Signature of Owner W. J. HARRER & SONS, INC.

Ethel M. Harrer
Secretary

DEC By: W. J. Harrer
President

December 13, 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.

12232

- Owner: W. J. Harrer & Sons, Inc.

Owner: W. J. Harrer & Sons, Inc.

File No.

T

R

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

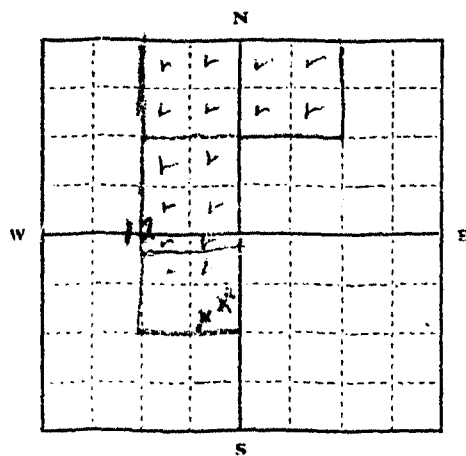
RECEIVED
NOV 20 1952

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George Mosher, John Flacker, of Route 1 Helena
(Name of Appropriator) (Address) (Town)
County of Levi Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. 1/4 Sec. 12, T. 10, R. 4

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 1928 - One to two months a year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1200 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
120 acres N.E. 1/4, S.E. 1/4, E 1/2 N.E. 1/4
Sec. 12 T. 10 R. 4, 5, 6, 7, 8, 9, 10, R. 3.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumps
2 wells S.E. corner of N.E. 1/4 of S.E. 1/4 Sec 12
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1928 - 1st well drilled 70 feet - 14 in. casing
1955 - 2d well drilled 100 feet - 12 in. casing
8. The depth of water table 1st 70 feet and 2d 100 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 1st well drilled 70 feet 14 in. casing. Pit dug 40 feet deep
2d well drilled from top of gravel to 100 feet
10. The estimated amount of groundwater withdrawn each year 40,000,000 gallons
11. The log of formations encountered in the drilling of each well if available gravel after 5 feet clay
to a depth of 70 feet in first well
clay all the way in second well to a depth of 100 feet
under 3 inch in clay and 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 none

Signature of Owner

Date

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

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

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

7227

149956

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within
statement was filed in my office on
this 18th day of Nov

A.D. 1963 at 8:55 pm. cost

1.00

Record of Sec. & Clark

County, State of Montana

William L. Lomick

County Recorder

By Louise C. Russell

Deputy

2:00

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

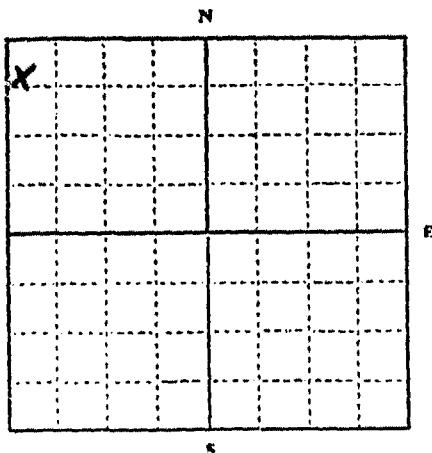
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 235585

June 12, 1973

GW 1 2:50 p.m.



Red. 1/4 Sec. 12

T. 12 N. R. 1 E. S. 5 W.

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

Elevation of spring, if known or esti-

mated 3823

Owner Arthur J. Nettleton, Leona Nettleton

Address 28 Poplar Street, Montana

Contractor (if any) None

Address of Contractor —

Date Started — Date Completed —

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

Natural Spring

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

gravity & pump

3. Depth of water table

4. Use of the water Domestic, Irrigation

Stock

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 10 miner's inches

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

of land 17 acres

1/4 NW 1/4 Sec 12 T12

R4W

7. Estimate amount of water used each year

8. Months of year spring flows

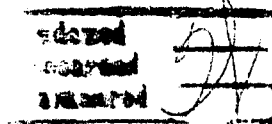
12 months

Signature of Owner Arthur J. Nettleton

Date 6-12-73

53,544

235585



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
the 17 day of June
1977 at 50 min. past
2 o'clock P. M.

Records of Lewis & Clark
County, State of Montana

John L. Smith
County Recorder
Carol Erickson
Deputy

200

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 Mary Ellen Paele

Address 1902 Harris

Helena, MT.

Date well started Oct 28

completed Oct 31-72

Type of well DRILLED

Equipment used CABLE TOOLS

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

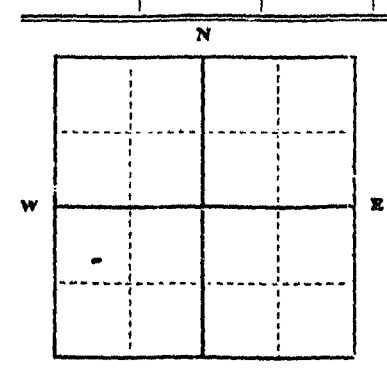
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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
<u>6 5/8</u>	<u>6 5/8</u>	<u>0</u>	<u>11</u>	<u>LINER SET FROM</u>
	<u>17</u>			<u>9 FT TO 39 FT</u>



Static water level 29 ft.*
Pumping water level 20 ft.*
at 20 gallons per minute,
measured 2 minutes after pumping
began.
*Measured from ground level.
Well developed by BAILER
for 2 hours.
Power 2 Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1/4 Sec. 1
T. 1 N. R. 1 E.
S. W.

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

Driller's Signature A. J. Walsh

Driller's Address 980 RINAK RD

HELENA LICENSE NO. 100

County San & Clark

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.

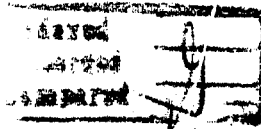
Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>11</u>	<u>ROCK & SHALE</u>
<u>11</u>	<u>39</u>	<u>ROCK</u>
<u>39</u>		<u>WATER</u>

39 Show exact depth of bottom

52.672

233045



STATE OF MONTANA }
COUNTY OF LEWIS & CLARK } SS

I hereby certify that the within instrument was filed in my office on this 9th day of May A.D. 1923 at 2 min. past 2 o'clock P.M. and recorded on page 2 of Book 200 of the records of Lewis and Clark County, State of Montana.

John Konich
County Recorder
John Konich
Deputy
200

52,673

233068

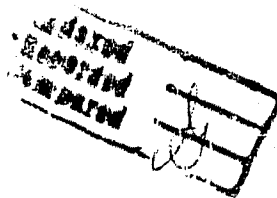
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in
struck was duly filed for record of
this 13th day of March
A.D. 1933.

Deputy State of Montana
John J. Connelley
County Recorder
M. Laible
Deputy
2m

[illegible]

232860



STATE OF MONTANA } SS
COUNTY OF LEWIS & CLARK }

Subscribed and sworn to before me that the within in-
strument was read in my office on
the 5 day of May
A.D. 1973 at 20 min. past
1 o'clock P.M. and record-
ed on page of Book
of the records of Lewis and
Clark County, State of Montana.

John K. Smith
County Recorder

By *P. Jackson*
Deputy

1.50 00

County Fergus & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

For Administrator's Use

File 236524

June 29, 1973

GW 1 1130 0.22

N

W E

S

1/4 1/4 Sec.

T. 54.5 SE N R. 12 E

18 S 11 W

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

Owner Joseph J. Zimmerman

Address 1312 5th Ave

Contractor (if any)

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Sub irrigation
of irrigation water
rights decreed on
Ten Mile Cr. by filed
Deed

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

3. Depth of water table 5 to 8'

4. Use of the water irrigation &
stock water

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 450 gpm

6. If used for irrigation, give number of acres and description
of land 20 acres agricultural

7. Estimate amount of water used each year 27,000 gpd
per acre for 120 days

8. Months of year spring flows

Signature of Owner

Date

Joseph J. Zimmerman
June 29, 1973

54776

236524

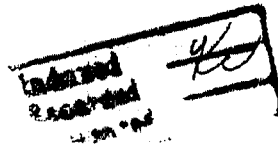
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 29 day of June
A.D. 1993 at 3:47 min. past
11 o'clock A.M.

Records of Lewis & Clark
County, State of Montana

John Knight
County Recorder
Barbara Erickson
Deputy

2.00



File No.

T. 12N R. 4W

DUPLICATE

County 5th

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

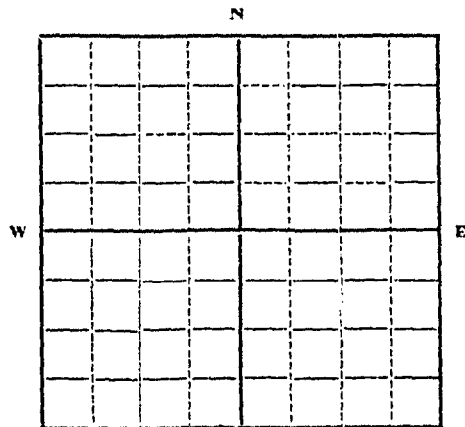
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Jack M. and Elizabeth L. Crum of Woodbury Hill Helena
(Name of Appropriator) (Address) (Town)

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



.....1/4..... Sec. 13 T. 12N. R. 4W

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
irrigation & watering of stock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been March 28, 1957

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 40 gallons 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

2 acres Lewis and Clark
hedge stock with pasture for
Jack M. & Elizabeth L. Crum

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

Deep well jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater March 25, 1957 - March 28, 1957

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 Drilled well Turb. casing

59 ft. casing up slotted with turb. from 47 ft. to 59 ft.

10. The estimated amount of groundwater withdrawn each year 8,000,000 (eight million) gallons

11. The log of formations encountered in the drilling of each well if available At 5 1/2 ft. - 5 7/8 ft.
to 18 ft. sand clay & gravel (static level at 10 ft. 12) - 18 ft. to 20 ft. sand & gravel
20 ft. to 30 ft. sand & gravel (static level at 19 ft. 6 in.) - 30 ft. to 45 ft. clay (hard) - 45 ft.
to 48 ft. clay (hard) - 48 ft. to 60 ft. clay & gravel (static level at 45 ft. 6 in.) - 60 ft. to 62 ft. sand & gravel
and 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.....

Signature of Owner Elizabeth L. Crum

Date Dec 27, 1963

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

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

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

24394

151530

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 31 day of Dec. A.D. 19 63 at 46 min. past 8 o'clock a.M.

Records of Lewis & Clark
County, State of Montana

John H. Smith
County Recorder
By Norma Kelley
Deputy

\$2.00



File No. _____

T. 10 N. R. 4 W.

DUPLICATE

County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

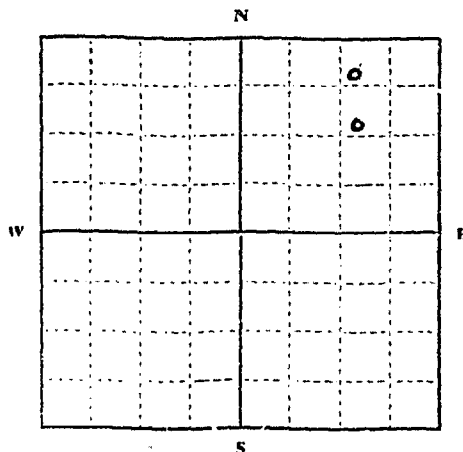
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Montana corporation,

1. W. J. Harrer & Sons, Inc., a / of Green Meadow Ranch, Helena
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 13 T. 10 N. R. 4 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: domestic use, irrigating lawns and gardens, watering live-stock, and household purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well #1, Nov. 3, 1950; Well #2, Oct. 15, 1956. Both wells used continuously thereafter.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 miner's inches per well, for a total of 30 miner's inches.
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 Irrigating lawns and gardens. NE 1/4, Section 13, Township 10 North, Range 4 West. Owner: W. J. Harrer & Sons, Inc.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well #1 is walled with rock. Well #2 is drilled and cased. Both operate with pumps. Both wells are in the NE 1/4, Sec. 13, T. 10 N., R. 4 W.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well #1 commenced Oct. 12, 1950 and completed Nov. 3, 1950. Well #2 commenced and completed on Oct. 15, 1956.
8. The depth of water table 5 feet for both wells.
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 Well #1 is 18 ft. deep and 3 ft. in diameter, walled with rock, and water is conveyed to a dwelling, yard and garden through 2 1/2" pipes; Well #2 is 18 ft. deep and is a drilled well with 6" casing, with water conveyed to dwelling, yard and garden through 1 1/2" pipe.
10. The estimated amount of groundwater withdrawn each year 350,000 gallons, for each well.
11. The log of formations encountered in the drilling of each well if available 6 ft. of gravel, and then clay and gravel for the rest of the depth of the wells. At about 16 ft. there is a hard pan formation.
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 Notices of appropriation were filed for both of these wells. For Well #1 the notice may be found in Book 72 of Water Rights at p. 151. For Well #2, in Book 72 of Water Rights at p. 157, both of the records of Lewis and Clark County, Montana.

ATTEST:

W. J. HARRER & SONS, INC., a Mont. Corp.
Signature of Owner By: W. J. Harrer

Ethel M. Harrer
Secretary

Date December 13, 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.

12253

150 922

RECORDED
INDEXED
JAN 16 1963

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 16 day of Dec
A.D. 19 63 at 2 o'clock P.M.
County of Lewis & Clark
State of Montana

[Signature]
County Recorder

By Myrtle Loss
Deputy
2

File No. _____

T. _____ R. _____

DUPLICATE

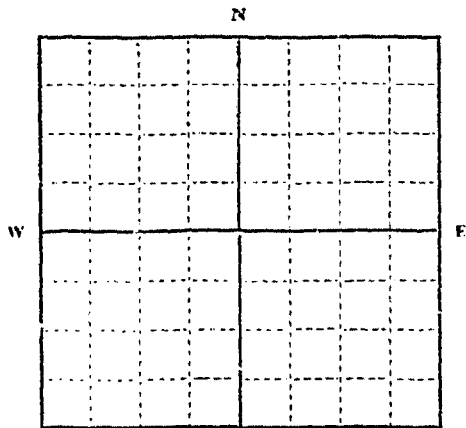
County Lewis and Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964
Sec 13

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

1. Walter J. Johnson and Peggy J. Johnson, of 126 E. Pacific St., East Helena
(Name of Appropriator) (Address) (Town)
County of Lewis and Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots 21, 22, 23 and ^S24 in Block 7 of
the Woodlawn Addition to the City of
Helena, Sec. _____ T. _____ R. _____

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

2. The beneficial use on which the claim is based domestic, stock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been over 5 years ago - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lots 21 through 24 in Block 7 of Woodlawn Park Addition - approximately 2 acres or less. Walter J. Johnson and Peggy J. Johnson
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 unknown, predecessor drilled well.
8. The depth of water table 20 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 6" casing, approximately 30 feet deep
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 unavailable
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 unavailable

Signature of Owner

Peggy J. Johnson
December 30, 1963

Date

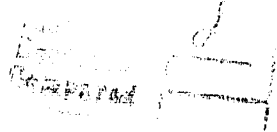
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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.

24507

151742



STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 2nd day of Jan
A.D. 1924 at 39 min. past
9 o'clock A.M.

Records of Lewis & Clark
County State of Montana

Delbert L. Smith
County Recorder

By Norman E. Russell
Deputy

W. J. J.

File No. _____

RECEIVED

AUG 24 1967

T. 10N. R. 4W. 13

DUPLICATE

County LEWIS & CLARK

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

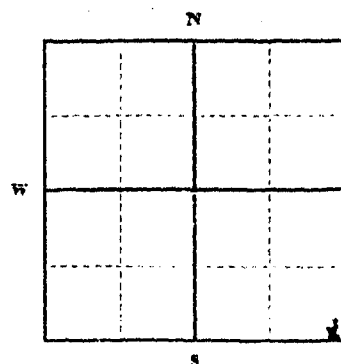
(Elev. above sea level APPR 4100')**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner DONALD KOSENA Address ROUTE 1 Box 218
HELENADriller A. E. WELCH Address HELENA, MONT.Date of Notice of appropriation of groundwater JUNE 28, 1964Date well started JUNE 23, 1964 Date completed JUNE 28, 1964Type of well DRIVEN DRILL Equipment used OTHER 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)
5 1/2" (6")	6 3/4" 16 LB	0	63			

Static Water Level for non-flowing well 48 feet.Shut-in Pressure for Flowing Well NONEPumping Water Level 56 feet
at 1.5 gal. per minute.Discharge in gal. per min. of flowing well SEE ABOVEHow Tested 30 GAL BUCKETLength of Test 30 MINRemarks: (Gravel packing, cementing, packers, type of shutoff) NONESE 1/4 Sec 13 T. 10N. R. 4W.
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).

DOMESTIC AND IRRIGATION FOR APPROXIMATELY 3/4 OF AN ACRE

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.

Driller's License Number

Driller's Signature A. E. Welch

100

42227

1895 11

1895	
Recorded	
Compared	

STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within in-
strument was filed in my office on
this 22 day of Aug
A.D. 19 67 at 53 min. past
9 o'clock am

Register of Lewis & Clark
County, State of Montana.

John J. Smith
County Register

by Richardson
Deputy

2.00

File No.

T. 10 R. 20

DUPLICATE

County LEC

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

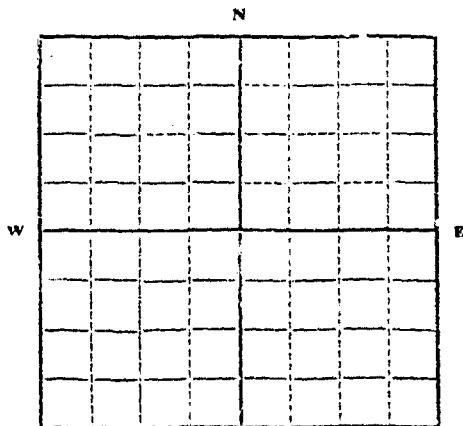
RECEIVED
AUG 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

1. W. H. Kropp of Route A Helena
(Name of Appropriator) (Address) (Town)
County of Lewis & Clark State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



126 ft. of bar 3 Barbeau Sub
1/4 Sec 13 T 10 R 4

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

2. The beneficial use on which the claim is based.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 1957
(continuous) to 63
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 to 15 gals 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.
4 ACRES Barbeau
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
3 H.P. jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 1957
8. The depth of water table. 5.0 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.
well is 6" i.d.
up 63 feet deep
10. The estimated amount of groundwater withdrawn each year. not available
11. The log of formations encountered in the drilling of each well if available.
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
none

Price + Lindsay
well drillers
Lic No - 38

Signature of Owner W. H. Kropp

Date 8-12-63

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.

6395