

938530

STATE OF MONTANA  
County of \_\_\_\_\_  
This is my office

JUN 28 1973

2:58

D

CLERK OF DISTRICT

By \_\_\_\_\_

Deputy

7500

County Yellowstone Twp. 15 Rge. 26 EFolder # 3  
Sections 8 thru 10

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
8	Allen, F. M.	1957 Well Log		
8	Brown, Maurice & Doris	GW 4	720843	See Sec. 6
8	Buerckle, Lorin	GW 2	938251	
8	Davenport, Betty & Harry	GW 2	938497	
8	Francisco, George K.			
	Maxine V.	1957 Well Log		
8	Francis, Carl R.	GW 2	937652	
8	Hellod, Sigurd	GW 2	938115	
8	Hofferberg, Benjamin	GW 2	938348	
8	Imhoff, Elmer	GW 2	840100	
8	Klein, Lynn L.	GW 2	934508	
8	Michaelis, Harry	GW 2	938243	
8	Ryan Grocery Company	GW 4	721643	
8	Simpson, Orvil L.	GW 2	938242	
8	Smith, Ira J.	GW 4	721183	
8	Stief, John L.	GW 2	937159	
8	Wandler, Earl J.	GW 2	864623	
8	Weller, F. A.	GW 2	938550	
9	Alt, Ed	GW 4	677376	
9	Corn, Charles O.	GW 2	913423	
9	Dakart, Jack A.	GW 2	938052	
9	Faist, Andrew	GW 2	689716	
9	Gavos, George	GW 2	937841	
9	Grove, Jean	GW 2	937733	
9	Hahn, Jake & Amelia	GW 2	937759	
9	Halvorson, R. W.	GW 2	938330	
9	Holoubek, Aralla	GW 2	721449	
9	Jones, Bessie	GW 4	769356	
9	Keller, Edward J.	GW 2	937861	
9	Kern, Bud	GW 2	938326	
9	Kern, Dan	GW 2	938545	
9	Kilwein, Lloyd R.	GW 2	938199	
9	King, Dan	GW 2	915362	
9	King, Paul B.	1957 Well Log		
9	Kissel, Vernie W.	GW 4	769100	
9	Lam, James G. Jr.	GW 2	936437	
9	Lee, James V.	GW 2	937732	
9	Lehman, Arnold W.	GW 2	937673	
9	Lennick, Vernon	GW 2	937321	
9	Miller, Arthur H.	GW 4		
9	Morrow, Gordon	GW 2	698478	
9	Muessig, Harold & Florence	GW 2	922633	
9	Morstein, Joe & Dorothy	GW 2	915411	
9	Moody, David J.	GW 2	936044	Tr
9	Palin, George	GW 2	937427	
9	Peterson, George	GW 2	937629	

Tr - Transfer (Form 608)

County YellowstoneTwp. 13Rge. 26E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
9	Powell, Melvin O.	1957 Well Log		
9	Ruppert, Glenn H.	GW 2	937912	
9	Schraak, Robert D.	GW 2	900877	
9	Schroeder, Mildred J.	GW 2	938327	
9	Spalinger, Ernest C.	GW 2	938275	
9	Speiser, James	GW 4	721625	
9	Steinbrink, S.D.	GW 2	938194	
9	Sullivan, Robert	GW 2	938055	
9	Swartz, Floyd & Alice	GW 2	910850	
9	Wallace, Ivan	GW 4	721518	
9	Walters, Gule S.	GW 2	938515	
9	Weeks, Wm E Sr	GW 2	938158	
9	Young, Dale	GW 2	938283	
10	Allen, John	GW 2	938053	
10	Allen, Lincoln H.	GW 4	719524	
10	Allen, Lincoln H.	GW 4	719522	
10	Allen, Lincoln H.	GW 4	719523	
10	Bell, Thomas E.	GW 2	938326	
10	Bunting, George & Fogelsonger, Donald R.	GW 2	792537	
10	De Voss, Bob	GW 2	862529	
10	Etzel, Robert E.	GW 4	720313	
10	Etzel, Robert E.	GW 4	720314	
10	Gaer, Bonita M.	GW 4	721274	
10	Hamworth, Gerald	GW 2	938054	
10	Hole, Art	GW 2	938051	
10	Johnson, Carl H.	GW 2	937928	
10	Kauffmann, Emil H.	GW 4	721502	
10	Kubert, William G.	GW 2	938544	
10	Kunda, Raymond G.	GW 2	938249	
10	Ku R L Radio	GW 2	938478	
10	Lang, Jack	GW 2	721287	
10	Love, Ethel A.	1957 Well Log		
10	Martin, Adam	GW 2	908425	
10	McIntyre, Rev S.J.	GW 4	716976	
10	Mellick, Albert	GW 2	938350	
10	Macabee, C.C.	GW 4	721174	
10	Popelka, Richard	GW 4	721408	
10	Powell, Frank E.	GW 2	938001	
10	Pryor Land Corp.	GW 2	900878	
10	Rangitach, James A.	GW 4	720693	
10	Resey Dore Oil Co.	1957 Well Log		
10	Saylor, Ralph A. & Margaret	GW 4	721506	
10	Spalinger, Edna	GW 2	937881	
10	Stevenson, Elton R	GW 4	719772	
10	Straw, Orel	1957 Well Log		

County Yellowstone Twp. 13 Rge. 26E

[illegible]



RECEIVED  
APR 20 1958

T. 15 R 26 E  
County Yellowstone

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner F. M. ALLEN Address 202 FOSTER LANE  
BILLINGS MONT.  
Driller JOHNSON AND KOENIG Address 941 COOK AVE.  
BILLINGS MONT.  
Date Started 6-12-57 Date Completed 6-14-57  
Location: Sec 8 T. 15 R. 26 E  $\frac{1}{4}$  sec. NE

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

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

Casing: 31 ft. to \_\_\_\_\_ ft. Type STEEL Size 6 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_ 9 feet.

Static Water level, for non-flowing well: \_\_\_\_\_

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

Pumping water level 11 feet at 20 gal. per min.

How tested: PUMPING

Length of test: 10 HOURS

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Gravel at 18 ft. Well drilled to 33 ft. 6 in steel  
Casing to 31 ft. Drilled 13 ft into gravel. Water  
supply too much to estimate.

(over)

RECEIVED County Yellowstone  
JUL 3 1973

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 Lorin Buerkle

Address 1212 Eldorado

Billings, MT.

Date well started June 72

completed June 72

For Administrator's Use	
File	<u>938251</u>
	<u>6-29-73</u>
GW 1	<u>9211111</u>

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

Equipment used post hole digger  
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒ 30

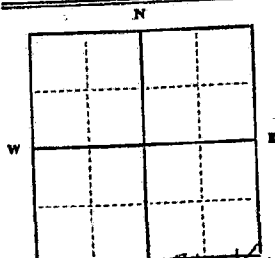
\*Describe

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

24,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>2 1/2"</u>	<u>2" casing</u>	<u>10'</u>	<u>23'</u>			
	<u>Sch. 40</u>					



Static water level 10 ft.\*  
Pumping water level 20 ft.\*  
at 50 gallons per minute,  
measured        minutes after pumping began.

\*Measured from ground level.

Well developed by        hours.

Power Elec. Pump 1 HP

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

Lot Three, Block Three  
Center, Ulen Subdivision  
T. 1 N. R. 26 W. S. 1

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

Driller's Signature Drilled by

Driller's Address Allen Juel

Former Owner  
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)	
From (Feet)	To (Feet)
0	10
10	16
16	20
20	23
23	30
30	34
34	38
38	42
42	46
46	50
50	54
54	58
58	62
62	66
66	70
70	74
74	78
78	82
82	86
86	90
90	94
94	98
98	102
102	106
106	110
110	114
114	118
118	122
122	126
126	130
130	134
134	138
138	142
142	146
146	150
150	154
154	158
158	162
162	166
166	170
170	174
174	178
178	182
182	186
186	190
190	194
194	198
198	202
202	206
206	210
210	214
214	218
218	222
222	226
226	230
230	234
234	238
238	242
242	246
246	250
250	254
254	258
258	262
262	266
266	270
270	274
274	278
278	282
282	286
286	290
290	294
294	298
298	302
302	306
306	310
310	314
314	318
318	322
322	326
326	330
330	334
334	338
338	342
342	346
346	350
350	354
354	358
358	362
362	366
366	370
370	374
374	378
378	382
382	386
386	390
390	394
394	398
398	402
402	406
406	410
410	414
414	418
418	422
422	426
426	430
430	434
434	438
438	442
442	446
446	450
450	454
454	458
458	462
462	466
466	470
470	474
474	478
478	482
482	486
486	490
490	494
494	498
498	502
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526	530
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562	566
566	570
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582	586
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630	634
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638	642
642	646
646	650
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654	658
658	662
662	666
666	670
670	674
674	678
678	682
682	686
686	690
690	694
694	698
698	702
702	706
706	710
710	714
714	718
718	722
722	726
726	730
730	734
734	738
738	742
742	746
746	750
750	754
754	758
758	762
762	766
766	770
770	774
774	778
778	782
782	786
786	790
790	794
794	798
798	802
802	806
806	810
810	814
814	818
818	822
822	826
826	830
830	834
834	838
838	842
842	846
846	850
850	854
854	858
858	862
862	866
866	870
870	874
874	878
878	882
882	886
886	890
890	894
894	898
898	902
902	906
906	910
910	914
914	918
918	922
922	926
926	930
930	934
934	938
938	942
942	946
946	950
950	954
954	958
958	962
962	966
966	970
970	974
974	978
978	982
982	986
986	990
990	994
994	998
998	1002

23' Show exact depth of bottom

55253

938251

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

This instrument was filed in my office

this JUN 28 1973 day of JUN 1973

at 9:31 o'clock A. M.

MERRILL M. K. NOT  
County Clerk & Recorder

By CBTB Deputy

2.4

County

## 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.

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.

Owned by Harry J. Winters For Administrator's Use  
Address 1207 Concord File 938497  
Bellingham 6-29-73  
Date well started 6-29-73 GW 1 3:23 p.m.  
completed 6-29-73

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

Equipment used: Hydrovac drill (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

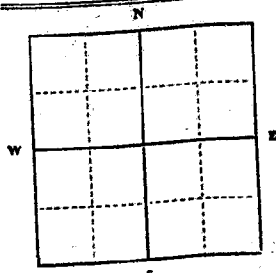
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*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). *Contiguous 2nd Lot 9, BIK*

ESTIMATED ANNUAL WITHDRAWAL

ESTIMATED ANVILAGE		PERFORATIONS				
Size of Enrilled Role	Size and Weight of Casts	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
	2 3/4	24	<del>12 1/2</del> 24			
		0				



Static water level ..... 12.2 ft.  
Pumping water level ..... 2.4 ft.  
at ..... 35 ..... gallons per minute,  
measured 30 minutes after pumping  
began.

\*Measured from ground level.

Well developed by ...  
for .....hours.

for ..... hours.  
Power 1/2 HP Pump 3/4 HP

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

NE 1/4 NW 1/4 Sec. 8  
T. 1 N. R. 26 E.

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

Driller's Signature \_\_\_\_\_

Drifter's Address

LICENSE NO.

Top of Ground

(Elev. above sea level)

[illegible]

Show exact depth of bottom

55047

838497

STATE OF MONTANA, } ss.  
County of Yellowstone. }  
This instrument was filed in my office  
this 29 day of JUN 1972  
at 3:23 o'clock P. M.  
ROBERT L. H. KILGORE  
County Clerk & Ex-Officio  
By J. Sullivan Deputy  
200

T. 1 So. R. 26 E.  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
2 1960

WATER WELL LOG

STATE ENGINEER


Owner George E. and  
Mareine V. Francisco Address 34 Prickett Lane

Driller Above owner Address Billings, Montana

Date Started April 25, 1960 Date Completed April 30, 1960

Location: Sec. 8 T. 1-S. R. 26 E. 1/4 sec. N. E.

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

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

Casing: 18 ft. to ground level Type 2" steel pipe

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screen: Ft. 18 to ft. 21 Ft. to ft.

Type of screen or perforations Drilled steel pipe

Static Water level, for non-flowing well: 18 feet.

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

Pumping water level: 16 feet at 20 gal. per min.

How tested: With piston pump

Length of test: 6 hours

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

None

Note: Well located on Lot 4 of Flanagan Subdivision, Yellowstone County, Montana, more particularly described as Tract G of Survey 145, amended, filed for record in office of County Clerk and Recorder of Yellowstone County, Montana, under document No. 498219

(over)

\_\_\_\_\_



937652

STATE OF MONTANA, }  
County of Yellowstone, } ss.  
This instrument was filed in my office  
this JUN 26 1978 day of \_\_\_\_\_ 19\_\_\_\_  
at 1:50 o'clock P M.  
By MERRILL KLUNDT  
County Clerk & Recorder  
Deputy  
200

RECEIVED

County Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUL 8 1973

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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 Sigurd HALLOR

Address 19 Nimitz Dr

Billings, Mont

Date well started JUNE 20, 1973

completed JUNE 27, 1973

For Administrator's Use	
File	<u>958115</u>
	<u>628-73</u>
GW	<u>440 p. 17</u>

Type of well Dug + DRIVEN

(Dug, driven, bored or drilled)

Equipment used POST HOLE AUGER + DRIVER

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

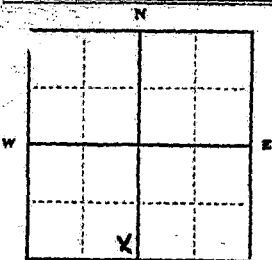
\*Describe

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).

Lot 17 Blk 1 Streeter Sub

ESTIMATED ANNUAL WITHDRAWAL 240,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	2"	0'	21'	3/8"	15	20



Static water level 14 ft.\*  
Pumping water level 16 ft.\*  
at 15 gallons per minute,  
measured 30 minutes after pumping began.

\*Measured from ground level.  
Well developed by Running  
for 8 hours.  
Power ELEC Pump 1 1/2 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SE 1/4 SW 1/4 Sec. 8  
T. 1 N. R. 26 E.  
S W

LOT 17 Block 1  
STREETER Subd.

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

Driller's Signature Sigurd Hallor owner

Driller's Address 19 Nimitz Dr

Billings, Mont

LICENSE NO. —

21' Show exact depth of bottom

55134

938155

STATE OF MONTANA, } ss.  
County of Yellowstone. }  
This instrument was filed in my office  
this 28 day of APRIL 1973  
at 4:40 o'clock P. M.  
ROBERT L. KENNEDY  
County Clerk & Recorder  
By [Signature] Deputy

20

55217

938348

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

This instrument was filed in my office

this JUN 29 1973 day of 19

at 12:38 clock P M.

MERRILL H. KLUNDT  
County Clerk & Recorder

By [Signature] Deputy

[Signature]

File No. ....

DUPLICATE

MONTANA WATER RESOURCES BOARD  
RECEIVED

SEP 2 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERT 15 R 26E  
County YELLOWSTONE

Top of Ground

(Elev. above sea level 3300)Doc. No. 890100

Filed for record

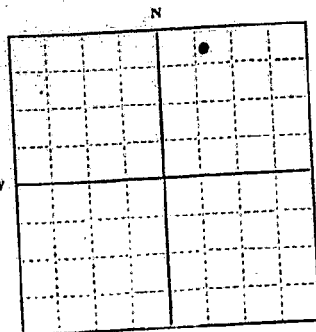
This 1 day of SeptA. D. 19 71, at 8:05o'clock 19 M.Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner E. L. Mendenhall Address 24 FosterDriller acquired Address 24 FosterDate of Notice of Appropriation of Groundwater 7-21-71Date well started acquired Date Completed acquiredType of well Artesian Equipment Used Sledge  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>2"</u>	<u>2" Sch 80 pipe</u>	<u>0</u>	<u>20</u>	<u>Sand gravel</u>	<u>0</u>	<u>20</u>



NE 1/4 Sec. 8 T. 15 R. 26E  
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 8 feet.Shut-in Pressure for Flowing Well N/APumping Water Level 6 feet at 20 gal. per minute.Discharge in gal. per min. of flowing well N/A

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) \_\_\_\_\_

acquired  
Driller's License Number

E. L. Mendenhall  
Driller's Signature  
OWNER

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.

48991

890100

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

This instrument was filed in my office

this SEP 3 1906

At 8:05 o'clock A. M.

MERRILL H. KLUNDT

County Clerk & Recorder

By *[Signature]* Deputy

20



County Jefferson

53,221

934508

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this MAY 21 1973 of 19  
at 8:04 o'clock A M.  
MERRILL M. KLUNDT  
County Clerk & Recorder  
By [Signature] 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 Harry G. Michaelis  
Address 1239 Concord Drive  
Billings, Mont 59102  
Date well started July 15, 1971  
completed July 15, 1971

For Administrator's Use	
File	<u>788243</u>
	<u>6-29-73</u>
GW 1	<u>9-22-11-11</u>

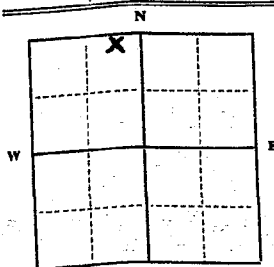
Type of well Augured then driven  
(Dug, driven, bored or drilled)  
Equipment used Sand point driven  
(Churn drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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). Lot 27 BDR1 Contained all  
1.50 acres

ESTIMATED ANNUAL WITHDRAWAL Not applicable

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>1 1/2"</u>	<u>3" H.D.</u>	<u>Ord</u>	<u>24'</u>	<u>3" slots</u>	<u>20'</u>	<u>24'</u>



N. 1/4 Sec. 8  
T. 1 R. 16 E  
S. W.

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

Driller's Signature

Driller's Address

LICENSE NO.

County Yellowstone

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) 3160

From (Feet)	To (Feet)	
0	1	Top Soil
1	2	Sand
2	3	Sand
3	4	Sand
4	5	Sand & clay
5	6	" "
6	7	" "
7	8	Clay
8	9	" "
9	10	" "
10	11	Hard pan
11	12	Clay
12	13	Hard pan
13	14	Clay & Sand
14	15	Estimated sand
15	16	" "
16	17	" "
17	18	" "
18	19	" "
19	20	" "
20	21	Sand & gravel
21	22	" "
22	23	" "
23	24	" "
24	Bottom	" "

24' Show exact depth of bottom

55257

938243

STATE OF MONTANA, }  
County of Yellowstone } ss.  
This instrument was filed in my office  
this JUN 29 1973 19  
at 9:23 o'clock A M.  
MERKEE E. KLUNDT  
County Clerk & Recorder  
By [Signature] Deputy  
25

File No. ....

ORIGINAL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

T. 15 S. 24 E. R. 24 E. 8  
County. Yellowstone

RECEIVED  
JAN 2 1964

STATE ENGINEER

1. RYAN GROCERY COMPANY of 706 Daniels St. - 8111095  
(Name of Appropriator) (Address)

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

Attached find legal
description of land
upon which well is
located.

West Hall SW 1/4 - Sec. 8 T. 15 S. 24 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  
In refrigerate perishable foods
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been  
May 1956 - We have used it continuously with  
exception of a few minor breakdowns.
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute)  
75 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 None
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal  
Jacuzzi Jet Pump - 1/2" - 1/2" - located in warehouse  
located on land as per description attached.

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater  
Completed in May 1956 construction started April 1956.

8. The depth of water table 22'

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater  
Drilled well - 8" casing - Depth of well 35'

10. The estimated amount of groundwater withdrawn each year 15768000 gals.

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

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

Signature of Owner RYAN GROCERY COMPANY by J. C. McIntosh  
Date 12/30/63

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

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

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

DESCRIPTION OF LAND

That portion of the West half Southwest quarter (W<sup>1</sup>SW<sup>1</sup>) of Section Eight (8), Township One (1) South, Range Twenty-six (26) East, Montana Principal Meridian, described as follows:

Commencing at the southwest corner of said Section Eight (8); thence north along the west line of said Section, a distance of four hundred sixty-seven (467) feet, more or less, to a point in a line parallel with and distant two hundred (200) feet northwesterly, measured at right angles, from the center line of the main track of the Northern Pacific Railway Company as the same was originally constructed and operated across said Section Eight (8); thence north fifty-five degrees twenty-five minutes (55°25') east along said parallel line, a distance of seventy-two and eighty hundredths (72.80) feet to the true point of beginning; thence continuing northeasterly along last described course a distance of four hundred eighty and ninety hundredths (480.90) feet to a point; thence north zero degrees four minutes (00°04') east a distance of five hundred five and thirty-eight hundredths (505.38) feet to a point; thence west along a line bearing north eighty-nine degrees fifty-six minutes (89°56') west a distance of three hundred ninety-six and ten hundredths (396.10) feet to a point; thence south zero degrees three minutes (00°03') west a distance of seven hundred seventy-eight and sixty-five hundredths (778.65) feet to the true point of beginning.

721643

STATE OF MONTANA,  
County of Yellowstone,

This instrument was filed in my office

this 08 day of Oct 1983

at 2:09 o'clock P M.

Edmon S. Redding,  
County Clerk & Recorder

By Ford Deputy

20



**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.

Developed after January 1, 1962

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

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

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

Owner Carl J. Jensen

For Administrator's Use

Address 10006 Ave

File 935242

Blg. 2, May 1966

6-29-75

Date well started \_\_\_\_\_

GW I 9:22 AM

completed

Type of well 200'

(Dug, driven, bored or drilled)

Equipment used Post Hole Digger

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

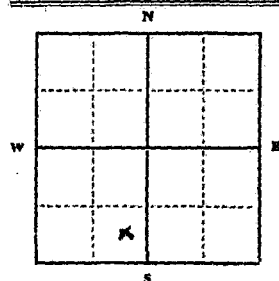
## ★ Describe

**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). Streeten Eggs - lot 21 EIR 5

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Pipe	From (Feet)	To (Feet)	PERFORATIONS	
				From (Feet)	To (Feet)
6	5 1/2" x 30'			5 1/2" x 30'	5 1/2" x 30'



Static water level .....ft.\*

Pumping water level ..... ft. \*

at ..... gallons per minute,

measured .....minutes after pumping  
began.

\*Measured from ground level.

Well developed by ..... 1/2

for .....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.

Show exact depth of bottom

938242

STATE OF MONTANA } ss.  
County of Yellowstone.  
This instrument was filed in my  
this 20 day of SEP 1973  
at 8:22 o'clock PM  
MERRILL A. LUNDY  
County Clerk of said County  
Deputy By [Signature]  
20

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. \_\_\_\_\_

T 15 R 26E

DUPLICATE

County YELLOWSTONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

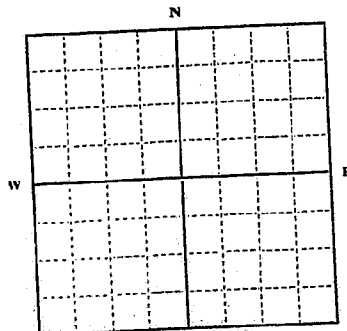
RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ira J. Smith, of 10 1/2 Brickell Lane, 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:



WEST 1/2 LOT 3 T14N 26S R26E  
1/4 8 Sec. 10 T25 R26E

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. April 1
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.  
1/2 acre 10 1/2 Brickell Lane  
Ira J. Smith
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Jet Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 61
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. 27 feet
10. The estimated amount of groundwater withdrawn each year. 10 gallons per minute
11. The log of formations encountered in the drilling of each well if available.  
DOPT 27' shut off point
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

Ira J. Smith

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

16178

721183

STATE OF MONTANA,  
County of Yellowstone,

This instrument was filed in my office  
this 30 day of Dec 1963  
at 11:02 o'clock A M.

Edmon S. Richards  
County Clerk & Recorder

By J. L. S. Deputy

29.00

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 John L. Stief

Address 17 Nimble Drive

Billings Montana

Date well started March 10, 1971

completed March 11, 1971

For Administrator's Use	
File	<u>937159</u>
Date	<u>June 21, 1973</u>
GW 1	<u>9.52 gpm</u>

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

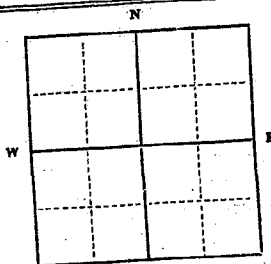
Equipment used Port Orange & Wainwright  
(Chain drill, rotary or other)

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) Lot 18, Block 1, Steele Bros. Sub

ESTIMATED ANNUAL WITHDRAWAL 435,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>4 in.</u>	<u>0</u>	<u>22 ft</u>	<u>3/8 in.</u>	<u>16 ft</u>	<u>22 ft</u>



1/4 Sec 8  
T. 26 N. R. 26 W.

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

Driller's Signature John L. Stief

Driller's Address 17 Nimble Dr.

Billings Mt.

LICENSE NO. None

County Yellowstone

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>1</u>	<u>16</u>	<u>Clay</u>
<u>16</u>	<u>22</u>	<u>Clay &amp; gravel</u>
<u>22</u>	<u>22</u>	<u>Gravel</u>

22 ft Show exact depth of bottom

53,768

937159

APR 13 1973

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this 21 day of June 1973  
at 9:52 o'clock P M.  
MERRILL M. KLUNDT  
County Clerk & Recorder  
By Jaw Deputy

202

File No. \_\_\_\_\_

DUPLICATE

MONTANA WATER RESOURCES BOARD  
RECEIVED

OCT 19 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERCounty Yellowstone**Notice of Completion of Groundwater  
Appropriation by Means of Well**

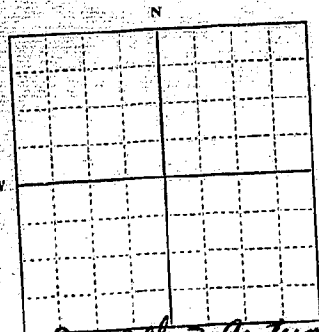
(Under Chapter 237, Montana Session Laws, 1961)

Owner EARL J. WANDLER Address 1209 E. PARA DRDriller EARL J. WANDLER Address \_\_\_\_\_Date of Notice of Appropriation of Groundwater July 15, 1970Date well started July 7<sup>th</sup> Date Completed July 7<sup>th</sup>Type of well DRIVEN Equipment Used BST TAMPER  
(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.

Doc. No. 869683  
Filed for record 2  
this 16 day of October  
A. D. 19 70, at 2:32  
o'clock P. M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<u>2"</u>	<u>0</u>	<u>21</u>			
	<u>4" #</u>					
	<u>Steel</u>					



Lot 12, Blk 3, Centerville  
Sec. 9, T. 15 S., R. 22 E.  
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 18 feet.Shut-in Pressure for Flowing Well Non FlowingPumping Water Level 16 feet at 80 gal per minute.Discharge in gal. per min. of flowing well 70How Tested by Pail 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) farLawn

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.

47653



869683

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

This instrument was filed in my office

this OCT 16 1970 day of 19

at 3:32 o'clock P M.

MERRYL H. KLUNDT

County Clerk & Recorder

By [Signature] Deputy

2<sup>nd</sup>

55117

938550

STATE OF MONTANA)  
County of Yellowstone ss.  
This instrument was filed in my office  
this 29 day of June 19 73  
at \_\_\_\_\_ o'clock \_\_\_\_\_ M.

By LR County Recorder

2.00

File No. 677326-2-2-62  
DUPLICATE JMS 12-20-62  
#2.15 per

RECEIVED  
FEB 7 1962

T. 15 R. 26  
County. YELLOWSTONE

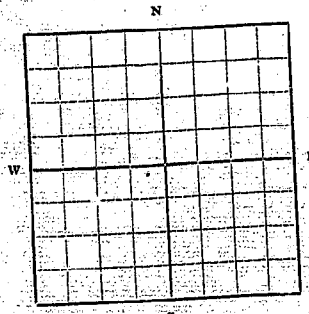
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 5 1962

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

STATE ENGINEER

1. Ed. Arlt of 2095 Orchard Ave. 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:



1/4 Sec. 9 T. 15 R. 26  
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 1959 each summer
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 Gals. M.
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 north 1/2 of the south 1/2 of Sec. 9, T. 15 R. 26, Ed. Arlt
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump 90 ft from west line, 40 ft from north line
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater UNKNOWN
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 2 1/2" pipe 25 ft deep
10. The estimated amount of groundwater withdrawn each year 720,000
11. The log of formations encountered in the drilling of each well if available 2 ft. to 5 ft. spl. red granite, 3 ft. to 4 ft. dark greenish gray granite
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 Ed. Arlt

Date 2-2-62

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.

1356

RECEIVED

AUG 9 1972

County Yellowstone

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 Charles O. Corn

Address 4305 Ryan Ave

Billings, Montana

Date well started Mar 28

completed Mar 28

Type of well Miner

(Dug, driven, bored or drilled)

Equipment used Drum

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

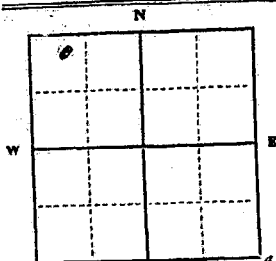
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*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)
<u>3 1/2"</u>	<u>3 1/2" upset tubing</u>	<u>0</u>	<u>22</u>	<u>1/2" slots</u>	<u>0</u>	<u>4'</u>



Static water level 12 ft.\*  
Pumping water level 14 ft.\*  
at 40 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by best pump  
for 4 hours.

Power 3 HP

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

Lot 21, Blk 1, Ranch Sub 2

S 1/4 Sec 9

T 1 N R 26 E

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

Driller's Signature

Alex Maccheron

Driller's Address

57 Charles

Billings, Mont

LICENSE NO. 232

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) 3000

From (Feet)	To (Feet)	
<u>0</u>	<u>12</u>	<u>sand &amp; gravel</u>
<u>12</u>		<u>water</u>
<u>13</u>	<u>15</u>	<u>gravel</u>
<u>15</u>	<u>22</u>	<u>gravel &amp; sand</u>

22 feet Show exact depth of bottom

5/10/1

913423

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this AUG 8 day of 1972  
at 2:10 o'clock P M.  
MERRILL H. BLINDT  
County Clerk & Recorder  
By Open Deputy  
24

543/5



938052

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

This instrument was filed in my office

this JUN 26 1979 day of June 1979

at 1:53 o'clock A M.

MERRILL R. BLUNDE

County Clerk & Recorder

By [Signature] Deputy

26



File No. 689716, Index AUG 14 1962 11:20 Am

•

County

42.03 Fee PD.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
AUG 15 1962

### Top of Ground

(Elev. above sea level 3,119)

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Andrew Strait Address 4109 Station City

Driller William J. Long Address St. #1 Collins street

Date of Notice of Appropriation of Groundwater

Date well started July 27, 1962 Date Completed Aug. 1, 1962

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

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

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

Size of Drilled Hole	Size and Weight of Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2 single	2" steel Pipe standard	0	21	slotted 2" long 1/2" wide	0	7 feet

Static Water Level for non-flowing Well.....10.....feet.

### Shut-in Pressure for Flowing Well

Pumping Water Level.....7.....feet at 2.0.....gal. per minute.

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

How Tested Percent Length of Test 10 minutes

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

N. 1 acre, E<sup>2</sup> of Lot 2 in N<sup>1</sup>/4 Sec. 9, 15, 26 acres irrigated, if used for irrigation). *used to*

..... $\frac{1}{4}$ ..... Sec..... T..... R.....  
Indicate location of well and  
place of use, if possible. Each  
small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number

*William S. Love*  
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.



937841

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

This instrument was filed in my office

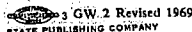
this JUN 27 1973 day of

at 2:45 o'clock P M.

MERRILL M. KUENDT  
County Clerk & Recorder

By [Signature] Deputy

Ja



JUN 28 1973

County Yellowstone

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: John A. Love

Address 121 Bruce

\_\_\_\_\_ Delaney \_\_\_\_\_ Ment \_\_\_\_\_

Date well started 12-1-68

completed

Type of well ..... Drilled .....

(Dug, driven, bored or drilled)

### Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

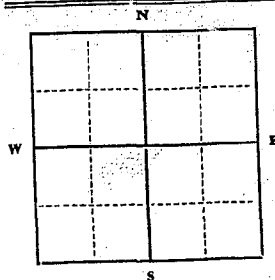
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*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). Lot 9 block 1 Johnson Sub.

ESTIMATED ANNUAL WITHDRAWAL ..... 200,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	3 1/2"	0	21'	See drawing		



Static water level .....ft.\*  
Pumping water level .....ft.\*  
at .....gallons per minute,  
measured .....minutes after pumping  
began.

\*Measured from ground level.

Well developed by .....  
for ..... hours.

Power 1.5 Pump 4 HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff) .....

AF 1/4 5/16 1/4 Sec. 2

$$T = 1.5 \text{ N R} = 6.7 \frac{E}{V}$$

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

Driller's Signature John J. Brown

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]

Show exact depth of bottom

54.117

54117

937733

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

This instrument was filed in my office  
this JUN 27 1973 19

at 9:01 o'clock M.

MERRILL CHILDRIS  
County Clerk & Recorder

By [Signature] Deputy

2





937759

STATE OF MONTANA } ss.  
County of Yellowstone }  
This instrument was filed in my office  
this JUN 27 1973 19 73  
at 10.152 ↑ M  
PERMITS AND DEEDS  
County Clerk's Office  
By Jan Deputy  
26



55798

938330

STATE OF MONTANA, } ss.  
County of Yellowstone.

This instrument was filed in my office  
JUN 23 1973

this day of 19  
at 12:14 o'clock P. M.

METTRIL P. KLUNDT  
County Clerk & Recorder

By CTB Deputy

GW 2

File No. \_\_\_\_\_

DUPLICATE

RECEIVED  
FEB 27 1964

Approved Stock Form—State Publishing Co., Helena, Montana—3951b

T. 13 R. 26 E.

STATE ENGINEER  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
JAN 2 1964Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level \_\_\_\_\_)

from 0 ft - 1 ft foot top soil

1 ft - 14 ft dark ~~fluvial~~  
clayey shale14 - 30 ft boulder  
sand & gravel

Water at 30 ft

water supply

14 gal per min

water bench

12 ft from grade

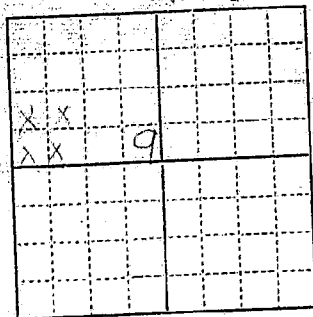
Owner ARANA Holoubek Address 2045 So. Ely St.Driller Larry E. Johnson Address 1145 Reynolds

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started May 22-63 Date Completed May 24-63Type of well Drilled Equipment Used Cable tool  
(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" 10 casing	19 lbs	1 ft above ground	30 ft	none		



1/4 Sec. 9 T. 15 R. 26 E.  
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 14 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 20 feet at 18 gal. per minute.

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

How Tested pumps Length of Test 4 hrs

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 #4Driller's Signature Larry E. Johnson

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.

18241

721449

STATE OF MONTANA,  
County of Yellowstone.

This instrument DEC 31 1963 in my office

this day of 10

at 7:00 PM

John H. Hedding,

County Clerk & Recorder

*[Signature]* Deputy

20

GW

File No. \_\_\_\_\_

DUPLICATE STATE WATER CONSERVATION BOARD

JAN 4 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

Bills \_\_\_\_\_

McNulty \_\_\_\_\_

Butcher \_\_\_\_\_

Morton \_\_\_\_\_

Coles \_\_\_\_\_

Morton \_\_\_\_\_

Dietrich \_\_\_\_\_

Morton \_\_\_\_\_

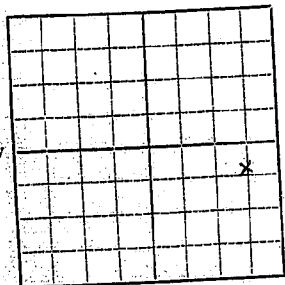
## Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

T-5 R26E

County Yellowstone

1. Bessie Jones, of 520 Jackson St. Billings  
(Name of Appropriator) (Address) (Town)  
County of Yellowstone State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 2 1/4 Sec. 9 T15 R26E

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 home and yard
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof a small lawn and small Orchard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1948
8. The depth of water table 3 ft. below ground
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 one well depth of 22 ft.
10. The estimated amount of groundwater withdrawn each year 20,950 gals
11. The log of formations encountered in the drilling of each well if available a sand point was used.
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 Bessie JonesDate Dec - 31 - 65

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

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

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

40427

769356

STATE OF MONTANA  
County of Blaine

This is a true and correct copy of the original as the same is on file in my office  
this 24th day of Dec 1965  
at Butte Montana  
Court Clerk & Recorder  
By [Signature] Deputy

$\therefore 54,104$

54,004



937861

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this JUN 27 1973 19  
at 4:30 o'clock P M.  
MERRILL BERLUNDT  
County Clerk & Recorder  
By [Signature] Deputy

20



5-6-20

938325

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

This instrument was filed in my office  
this JUN 28 1973 day of 19

at 12:09 o'clock PM

MERRILL A. ELLIOTT  
County Clerk & Recorder

By [Signature] Deputy

2

55114

938545

STATE OF MONTANA, } ss.  
County of Yellowstone.  
This instrument was filed in my office  
this 13 day of JUN 20 1979  
at 7:13 o'clock PM  
MERRILL H. KLUNDT  
County Clerk & Recorder  
By [Signature] Deputy  
201

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 Lloyd R. Kihlwein  
Address 7422 Phillip  
Billings, Mont.  
Date well started June 8-1972  
completed June 9-1972

For Administrator's Use

File 258199  
June 29, 1973  
GW 1 8:40 P.M.

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

Equipment used Hand walk driven  
(Cable drill, rotary or other)

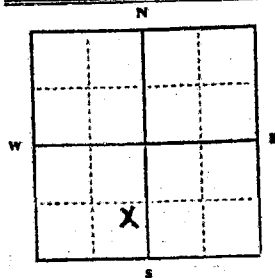
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*Describe Orchard Lane Sub 4th lot 16 - 136.6

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): Subdivision 4th Filing  
Billings, Yellowstone County, Montana  
ESTIMATED ANNUAL WITHDRAWAL 12.5 gpm

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2"	2"	0	21'2"	1"	21'2"	12'4"



Static water level 12'5" ft.  
Pumping water level unknown ft.  
at 2 gallons per minute,  
measured 2 minutes after pumping began.

\*Measured from ground level.

Well developed by pump  
for 4 hours.

Power 1 HP

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

25 E 1/4 Sec. 9  
T. 1 N. R. 26  
S. W.

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

Driller's Signature Lloyd Kihlwein

Driller's Address 7422 Phillip

Billings, Mont. LICENSE NO.

County Yellowstone

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)	
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21'9" Show exact depth of bottom

55156

938199

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this 18th day of April 1923.  
at 8:40 o'clock A. M.  
MERRILL A. KLUNDT  
County Clerk & Ex-Officio  
By [Signature] Deputy

202



RECEIVED  
SEP 5 1972

County Yellowstone

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 Dan King  
Address 4506 Morgan

For Administrator's Use	
File	<u>915562</u>
Date	<u>Sept. 5, 1972 - 2:11 p.m.</u>
GW I	

Date well started 3/24/72  
completed 3/24/72

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

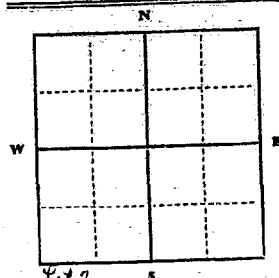
Equipment used pile driver  
(Crown drill, rotary or other)

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) Lot 2, Blk 1, Pinnick Sub

ESTIMATED ANNUAL WITHDRAWAL 1,689,600 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>3"</u>	<u>3 1/2" tubing</u>	<u>0</u>	<u>21 1/2</u>	<u>1/4" slots</u>	<u>17 1/2</u>	<u>21"</u>



Key: N 1/2 SW 1/4 Sec. 9  
T. 1 R. 26 E. W  
S. mpm

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

Driller's Signature Way Matheson

Driller's Address 57 Cherokee

LICENSE NO. 232

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) <u>3250</u>	
From (Feet)	To (Feet)
<u>0</u>	<u>21 1/2</u>
<u>drill sand gravel</u>	
<u>21 1/2</u>	<u>21 1/2</u>
<u>shale</u>	

21 1/2 Show exact depth of bottom

51,312

915562

STATE OF MONTANA } ss.  
County of Yellowstone }  
This instrument was filed in my office  
this SEP 5 1972 19  
at 2:11 o'clock P M.  
MARSHALL H. VILLARD  
County Clerk & Recorder  
By [Signature] Deputy  
2<sup>nd</sup>

Form No. 18  
8-60

Lux Sub. 13 T. 26E  
COUNTY Yellowstone

OFFICIAL BUREAU OF MINES AND GEOTECH  
Butte, Montana

RECEIVED  
DEC 28 1961

STATE ENGINEER

Water Well Log

Owner <u>Paul B. King</u>	Address <u>636 Mitchell Ave.</u> <u>Billings, Mont.</u>
Driller <u>Same</u>	Address <u>" "</u>
Date Started <u>March 5, 1955</u>	Date Completed <u>April 1, 1955</u>
Location: Sec. <u>9</u> T. <u>Lux Sub.</u> Sec. <u>1</u> So. <u>26</u> East	

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

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

Casing 10 ft. to 15 ft. Type Iron Size 6 in.

Casing        ft. to        ft. Type        Size       

Casing        ft. to        ft. Type        Size       

Perforated or screened: Ft. 15 to ft. 17 Ft.        to ft.       

Type of screen or perforation Galv.

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

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

Pumping water level        feet at        gal. per min.

How tested:       

Length of test       

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

Cement

File No. \_\_\_\_\_

T. 15 R. 26 E.

County YELLOWSTONE

DUPLICATE

STATE WATER CONSERVATION BOARD

STATE OF MONTANA

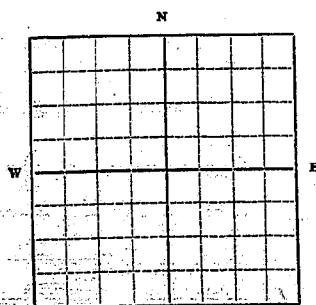
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 21, Montana Session Laws, 1965)

1. VERVIE W. KISSEE, of 2054 HALLWELL LN. 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:



Lot 1 - Block 1 Kissees Sub

1/4 Sec 9 T15 R26E

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 ABOUT 2 MONTHS PRIOR TO 10-28-1957. COMPLETE IRRIGATION OF FOUR LOTS, EACH 60' X 120' = 7200 SQUARE FEET
4. The amount of groundwater claimed (in miner's inches or gallons per minute) NOT KNOWN
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 1, 2, 3 & 4 BLOCK 1 KISSEE SUBDIVISION OWNED BY VERNIE W. AND ANN E. KISSEES
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP IS LOCATED ON LOT 1

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY OR EARLY AUGUST OF 1957
8. The depth of water table 8' TO 12'
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 23" OR 2" CASING
10. The estimated amount of groundwater withdrawn each year NOT KNOWN
11. The log of formations encountered in the drilling of each well if available WELL WAS DRIVEN
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 JUL 29 1965

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.

40216

69100

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

Owner: KISSELY, KENIALE W  
Driller: SURGE PAIRY  
Started: July 12  
T.L.S. 2-6 1/4 sec. NE  
Equipment used: None  
Stock: ☐  
Other: ☐  
Size: 2 1/2  
to ft.

Address: 2454 Highway  
Date Completed: SAME

County: YELLOWSTONE

STATE OF MONTANA,  
COUNTY OF YELLOWSTONE

THE DEC 29 1965 filed in my office

340

Paul  
2nd

T. 1 S. R. 26 E. 3  
County. YELLOWSTONE

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner KISSELE, KERNIE W Address 2054 HAWTHORN  
Driller SURGE DATA SUPPLY Address \_\_\_\_\_  
Date Started JULY 12 Date Completed SAME  
Location: Sec. 9 T. 15 R. 26 1/4 sec. NE

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

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

Casing: 23 ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size 2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static Water level, for non-flowing well: 85.12 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

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 James G. Lam Jr.

Address 4426 Phillips

Billings, Mont.

Date well started June 1st 1973

completed June 10th 1973

For Administrator's Use
File <u>936437</u>
<u>June 13, 1973</u>
GW 1 <u>3:50 p.m.</u>

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Driver

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

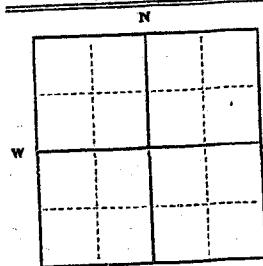
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*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). Lot 16, Block 6, Orchard Lane

ESTIMATED ANNUAL WITHDRAWAL 900,000 GALS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind-Size	From (Feet)	To (Feet)
2"	2"	0'-0"	31'-6"	1/4" holes	31'-6"	16'-6"



SE 1/4 SW 1/4 Sec. 9  
T. 1 N. R. 26 E. S. 9

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

Driller's Signature Same as Above

Driller's Address

LICENSE NO.

RECEIVED  
JUN 11 1973  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

County Yellowstone

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'	4'	Top Soil
4'-0"	14'-6"	SAND Brown in color
11'-6"		height of water in well
13'-6"		First hit water
14'-6"	15'-6"	Shale
15'-6"	31'-6"	Sand Black & Brown in color ALSO gravel
21'-6"		Bottom of well

Static water level 11'-6" ft.\*  
Pumping water level 20'-6" ft.\*  
at 20 gallons per minute,  
measured 45 minutes after pumping began.

\*Measured from ground level.  
Well developed by sand pumping.  
for 10 hours.

Power Fluo Pump Cent 1 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

21'-6" Show exact depth of bottom

Color

0  
vol

LEVEL

F-WATER

bottom

936437

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This document was filed in my office  
on JUN 13 1973  
at 3:50 P M.  
by [Signature] Deputy,  
[Signature]



RECEIVED

County Yellowstone

JUN 28 1973

DRILLER'S LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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 James O. Lee

Address 127 Pioneer Ave

Billings Mont 57101

Date well started Aug 15-1972

completed Aug 15-1972

Type of well Driven

Equipment used Power Driven

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).

499 - Block 2 - Callahan Lane

ESTIMATED ANNUAL WITHDRAWAL 100,000 gal

Size of Drilled Hole 2"

Size and Weight of Casing 21

From (Feet) 21

To (Feet)

PERFORATIONS

Kind Size

From (Feet)

To (Feet)

and flushed off

Static water level 16' ft.\*

Pumping water level 17' ft.\*

at 40 gallons per minute,

measured 10 minutes after pumping began.

\*Measured from ground level.

Well developed by

for 2 hours.

Power 400 Pump 3/4 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 N.T. Knowlton

Driller's Address

LICENSE NO.

Top of Ground (Elev. above sea level)

From (Feet) To (Feet)

Show exact depth of bottom

54,116

937732

RECEIVED  
JUN 27 1973  
STATE OF MONTANA  
County of Yellowstone  
This instrument was filed in my office  
this JUN 27 1973 19  
at 9:00 o'clock AM  
MERRILL M. FLUNDT  
County Clerk & Recorder  
By [Signature] Deputy  
24

54185

937672

STATE OF MONTANA  
County of \_\_\_\_\_  
Treasurer \_\_\_\_\_

JUN 26 1973

2:24

P

By CRB Deputy

2500

53,976

937321

STATE OF MONTANA, }  
County of Yellowstone, } ss.  
This instrument was filed in my office  
this JUN 22 1973 day of JS  
at 2:00 o'clock P M.  
MERRILL M. KLUNDT  
County Clerk & Recorder  
By [Signature] Deputy

74

GW

File No. ....

TRIPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

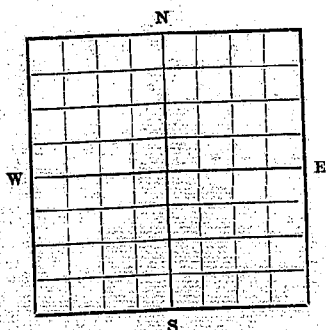
(Under Chapter 287, Montana Session Laws, 1961)

T. 15 S. R. 26 E.  
County... Yellowstone

RECEIVED  
MAR 22 1962

STATE ENGINEER

1. Arthur H. Miller of 622 Mitchell Ave. 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: East 15' of Lot 6 & West 45' of Lot 7, Block 3, Lux Subdivision



$\frac{1}{4}$  Sec. 7, T. 15 S. R. 26 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  
Lawn and garden watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been well was completed May 19, 1958 used for irrigation during the summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approximately 30 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 Used to irrigate lawn and garden on a residential lot approximately 3600 sq. ft.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water is withdrawn by means of a centrifugal pump located in the garage.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was started and completed the same day, May 19, 1958.
8. The depth of water table averages 10 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 This well was driven. The casing is 2 inches in diameter and the well is 19 1/2 feet deep. The water raises to within 6 1/2 feet of top of the ground in the summer and about 12 feet from top of the ground in the winter.
10. The estimated amount of groundwater withdrawn each year Approx. 700,000 gal.
11. The log of formations encountered in the drilling of each well if available The formation is heavy soil for 11 feet and sand and heavy gravel for 8 1/2 feet
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

Arthur H. Miller

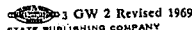
Date

March 21 - 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.



County. Yellowstone

## DRILLER'S LOG

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner DAVID D MOODY

For Administrator's Use

Address 618 HILTON BLVD

File 936044

BILLINGS MONT

JUNE 8, 1973

Date well started 8-12-74

GW 1 10:50 A.M.

completed 8-15-71

Type of well DRIVEN

(Dug, driven, bored or drilled)

Equipment used PIPE DRIVER (Chain drill)

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

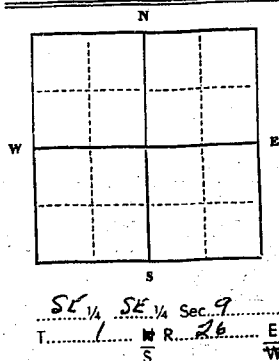
**\*Describe**

**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) Lot 7, Sec 4, T. 65, R. 14, S. 7, Southwest 1/4

ESTIMATED ANNUAL WITHDRAWAL 100,000 GAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
2" PIPE		0	2 1/4	SLOT	16	20



Static water level ..... 10 ..... ft.\*  
Pumping water level ..... 4 1/2 ..... ft.\*  
at ..... 4 1/2 ..... gallons per minute,  
measured ..... 4 1/2 ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by

for .....hours.

Power 1.25 Pump DN 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

Show exact depth of bottom

53,422



93644

STATE OF MONTANA  
County of Yellowstone  
This instrument was filed in my office  
this 10-8 day of 1973  
at 10:50 o'clock A. M.  
MERRILL A. WILSON  
County Clerk & Recorder  
By [Signature] Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No. ....

DUPLICATE

T. .... R. ....  
County YellowstoneSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER  
RECEIVED  
JAN 10 1963

Top of Ground

(Elev. above sea level 3119)Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gordon Mowat Address 118 Bruce Ave.  
 Driller William S. Love Address Route 1, Bellevue  
 Date of Notice of Appropriation of Groundwater .....  
 Date well started Sept. 1, 1962 Date Completed Sept. 1, 1962  
 Type of well driven Equipment Used driven  
 (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		
				Kid Size	From (Feet)	To (Feet)
<u>2" inch</u>	<u>3/4" x 19' heavy steel pipe</u>	<u>0</u>	<u>19'</u>	<u>cuttings, shale, 4" x 1/2" 2" long</u>	<u>0</u>	<u>5-6"</u>

Static Water Level for non-flowing Well 10 ft feet.

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

Pumping Water Level 6 feet at 20 gal. per minute.

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

How Tested pump Length of Test 10 minutes

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) used for irrigation

LOE 5, Block 3, s Calloun Lane Sub.

..... 1/4 ..... Sec. 9 T. 15 R. 20E

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

Show exact depth of bottom.

88  
Driller's License Number

William S. Love  
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.

3255

VED  
63  
NEER

1962

igation

different  
sand, etc.  
of water-

To  
(Feet)  
5-16"

feet.

per minute.

minute

utoff, loca  
ell, and any  
number of

for

for

Line

Recorder

Bureau of

3255

698478

STATE OF MONTANA } ss.  
County of Yellowstone }

This instrument was filed in my office

on JAN 9 1963

at 2:12 o'clock P.M.

CHRIS RUBICH, County Recorder

By Paul Deputy

2nd

to the  
owner

to the  
owner

to the  
owner

to the  
owner

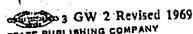
4 1/2

4 1/2

4 1/2

4 1/2

4 1/2



SEP 5 1972

County Yellowstone

### DRILLER'S LOG

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 <u>Joey Dorothy Morstein</u>	For Administrator's Use
Address <u>504 Luck</u>	File <u>915411</u>
<u>Billings</u>	<u>Sept. 1, 1972 - 3:00 p.m.</u>
Date well started <u>1955</u>	GW 1
completed <u>1955</u>	

Type of well Dug & Driven (Dug, driven, bored or drilled)  
Equipment used Driver & Backhoe (Crane drill, rotary or other)  
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

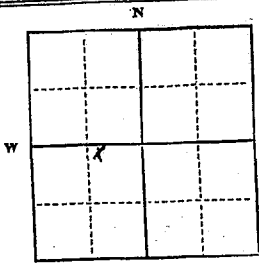
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*Describe steak + sprinkling

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). 2 1/2

ESTIMATED ANNUAL WITHDRAWAL 200,000 gal

ESTIMATED ANNUAL WITHDRAWAL				PERFORATIONS		
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
	6"	0'	21'	5/16TS	16'	21'
	IRON					



Static water level ..... 11 ..... ft.\*  
Pumping water level ..... 16 ..... ft.\*  
at ..... 30 ..... gallons per minute,  
measured ..... 30 ..... minutes after pumping  
began.

\*Measured from ground level.  
Well developed by owner  
for \_\_\_\_\_ hours.  
Power \_\_\_\_\_ Pump 2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) \_\_\_\_\_

1NW 1/4 Sec. 9  
T. 1 R. 24 E. 1

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

Driller's Signature

Driller's Address

LICENSE NO

Show exact depth of bottom

51,296

915411

Book - 20011111

EB

SEP 1 1972  
3.00  
County Clerk J. H. Hadden  
Deputy  
24

County Yellowstone

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. MUC5919

Harold - Florence  
Owner.....Mueggler

Address 502 Jackson

Billings, Mont.

Date well started 8-56

completed 8-56

Type of well Driven

Equipment used Hammer

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

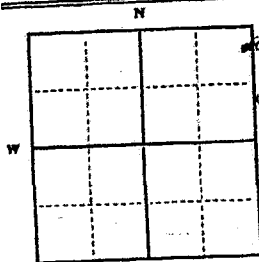
**\*Describe**

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

and Addition): 1 1/4 acre Tract B Cys#102 amend

ESTIMATED ANNUAL WITHDRAWAL 4,000,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
DN A	1 1/4" galv. pipe	3'	20'	1 1/4" galv. Sarnapent	17'	20'



MEGE 1/4 Sec. 9

T.....L.....R.....26.....E.....

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

Driller's Signature Harold M. Muesy

Driller's Address 522 Jackson

Billingmont <sup>June</sup> LICENSE NO

DN A

Static water level 5 ft.\*  
Pumping water level 20 ft.\*  
at 2.5 gallons per minute,  
measured 1 minutes after pumping  
began.

\*Measured from ground level.

Well developed by ..... R.M.F.

for ...DNA... hours.

Power...Electric Pump.....12

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

### 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)

DNA

70

Show exact depth of bottom

51,993

922633

STATE OF MONTANA, }  
County of \_\_\_\_\_ }  
The instrument submitted in my office  
on DEC 11 1972  
at 10:40 o'clock A. M.  
by John \_\_\_\_\_  
County Clerk & Recorder  
By John \_\_\_\_\_ Deputy  
2nd



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 <u>George PAKIN</u>	For Administrator's Use
Address <u>4428 RYAN</u>	File <u>937927</u>
<u>BILLINGS MONT</u>	<u>JUNE 28, 1973</u>
Date well started <u>JUNE 1 5P</u>	GW 1 <u>9:14 A.M.</u>
completed <u>JUNE 1 5P</u>	
Type of well <u>DRIVEN</u>	(Dig, driven, bored or drilled)

Equipment used CABLE (Churn drill, rotary or other)

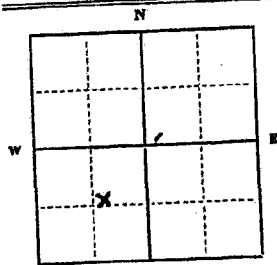
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*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). *Oakland Lane E 10' x 115' - 5.1*

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
4"	4" 1/2 weight Black Pipe	top ground	23'	Kind Size	From (Feet)	To (Feet)
				4 5/8" ID	Bottom	2"
				1 1/2" ID	2'	Flow
				1 1/2"	Pipe	Bottom
				7/8" ID		



Static water level 16 ft.\*  
Pumping water level 23 ft.\*  
at 20 gallons per minute,  
measured 10 minutes after pumping  
began.

\*Measured from ground level.

Well developed by ...

for ..... hours.

Power 1000 Pur

Remarks: (Gravel pack

Remarks: (Gravel pack  
packers, type of shut

packers, type of snail

10358 1st 4-10

..... 1250 ..... 1250

ND. PLACE OF USE, IF

ND PLACE OF USE, IF  
10-ACRES

40 ACRES.

16

125

*Journal of Management Studies*, 19(6), 701-718.

\_\_\_\_\_

Percentage of total effort	A. balearicum (%)	A. mediterraneum (%)
0	0	0
10	10	15
20	25	35
30	40	50
40	55	65
50	60	70
60	50	60
70	35	45
80	20	30
90	10	15
100	0	0

..... LICENSE NO.

..... HOW TO USE

$\text{adj}(A) \in M^{\times}(\mathbb{C})$  is defined as the unique matrix  $(\text{adj}(A))_{ij}$  such that  $A(\text{adj}(A))_{ij} = (\det A)\delta_{ij}$ . If  $A \in M_n(\mathbb{C})$ , then  $\text{adj}(A) = (\det A)A^{-1}$ .

County... Yellowstone

## 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]

23 <sup>7</sup> Show exact depth of bottom.

54 274



54 274

937927

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this JUN 28 1973 19  
at 9:14 o'clock A M.  
MERRILL H. NDT  
County Clerk & Recorder  
By CBH Deputy

7200



937619

STATE OF ARIZONA }  
COUNTY OF MARICOPA } ss.  
I, \_\_\_\_\_, was then in my office  
on JUN 26 1973 at  
the 10:21 hour of A M.  
My name is MARK P. KIRK  
and I am a Deputy  
By CBP Deputy

7200

RECEIVED  
JAN 2 1962

STATE ENGINEER

Form No. 18  
8-60

T. 1 South R. 26 East, N.P.M.  
County Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

Section 9

Owner MELVIN O. POWELL Address 4548 Phillips,  
Billings, Montana  
Driller MELVIN O. POWELL Address \_\_\_\_\_  
Date Started June, 1961 Date Completed June, 1961  
Location: Sec. 9 T. 1S R. 26E 1/4 Sec. SW  
Also known as 4548 Phillips, Billings, Montana  
Also known as Lot 11, Block 2, Southwest Billings Sub.

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

Water use Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_

Casing: 25 ft. to 25 ft. Type Pipe Size 2 1/2"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to Ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 51 1/2 (6) feet.

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

Pumping water level 6 feet at 10 gal. per min.

How tested: Electric Pump and Stop Watch

Length of test 30 Minutes

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

54270

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

Type of well Driven

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

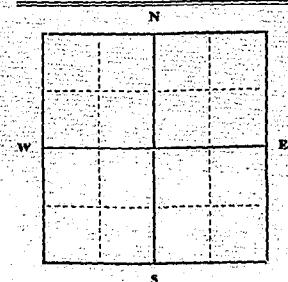
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*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). 21726k1 South of Hwy 101

ESTIMATED ANNUAL WITHDRAWAL 400,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
2 1/2"	3 1/2" 26	00	25'	Kind Size	From (Feet)	To (Feet)
				5+075	00	25'



Static water level 11 ft.  
Pumping water level 21 ft.  
at 30 gallons per minute,  
measured 5 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Cent Pump  
for 5 hours.  
Power five Pump 1 1/2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

$\frac{1}{4}$   $\frac{1}{4}$  Sec. 7  
 T. 1 N. R.  $\frac{2}{10}$  E. W.

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

Driller's Signature Glenn H. Ruppert

Driller's Address 4531 Phillips St.

LICENSE NO. ....

County Westchester

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]

Show exact depth of bottom

54270

937912

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this JUN 28 1973 day of \_\_\_\_\_ 19\_\_\_\_  
at 8:53 o'clock A M.  
MERRELL H. KLUNDT  
Clerk & Recorder  
By [Signature] Deputy

[Signature]



File No.

DUPLICATE

RECEIVED

FEB 17 1972

T

R

County Yellowstone

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**

(Under Chapter 237, Montana Session Laws, 1961)

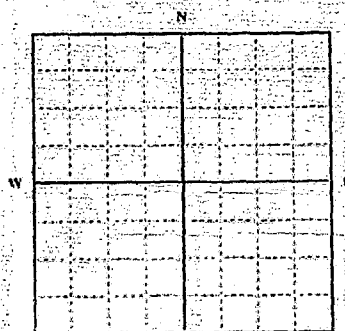
Owner Robert D. Schaak Address 4447 StoneDriller Charles Weid Address 1064 Hannon RoadDate of Notice of Appropriation of Groundwater 8/15/71Date well started 7/15/69 Date Completed 7/15/69Type of well ripen Equipment Used walking beam  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other)Doc. No. 900822

Filed for record

this 16<sup>th</sup> day of FebruaryA. D. 19 72, at 8:13o'clock A. M.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)
3 in.	3 in. 11 lb.	00-25 ft		perf. slots	22-25 ft	



1/4 Sec. 9 T.15. R.20E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Orchard Lane Sub 4th. 10 6

Show exact depth of bottom.

Static Water Level for non-flowing Well 8 ft feet.

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

Pumping Water Level 12 feet at 40 gal. per minute.

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

How Tested constant pump Length of Test 4 hrs.

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) 2 city lots

Driller's License Number.....

Driller's Signature Charles Weid

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.

49,886

900877

FEB 16 1972

8-13

*Paul*  
2<sup>nd</sup>

Deputy

55201

Show exact depth of bottom

938327

STATE OF MONTANA, } ss.  
County of Yellowstone, }  
This instrument was filed in my office  
this JUN 29 1972 day of JUN 29 1972  
at 12:11 o'clock P M.  
MERRILL F. KLUNDT  
County Clerk & Recorder  
By Law Deputy  
20

: County

### 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 Concrete Services

Address 1673 North Ave

Date well started 7-15-1971

completed 7-15-1971

Type of well Line

(Dug, driven, bored or drilled)

### Equipment used

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

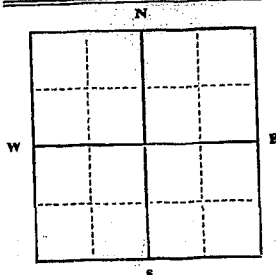
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*Describe Young's Double Slit

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). 300,000 gal VARK Sub Lo

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	3"	0	24			



Static water level ..... 19' ..... ft.\*  
Pumping water level ..... ft.\*  
at ..... 40 ..... gallons per minute,  
measured 6.0 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by .....

Power 110-220 Pump 1 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) \_\_\_\_\_

Nov. 1/4 Sat. 1/4 Sec. 9

T... ~~ALR~~ 26

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

Driller's Signature

**Driller's Address**

LICENSE NO.

26 ft Show exact depth of bottom

59.244

2817 Show exact depth of bottom

938275

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

This instrument was filed in my office

this JUN 29 1973

at 10:13 o'clock AM M.

MERRILE E. KLUNDT  
County Clerk & Recorder

By [Signature] Deput

2 or



File No.....

ORIGINAL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 1 S. 2 R. 24.....

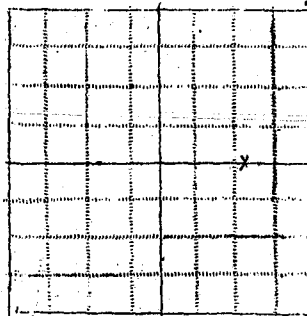
County Yellowstone

RECEIVED  
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. James Speiser of 501 Hillview In 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:



Sec. 9 T. 18 R. 26  
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  
Garden & Lawn
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been - - -  
MAY 21 - 1961  
SUMMER MONTHS
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute - - 10 gal min
5. If used for irrigation, give the acreage and  
description of the lands to which water has been  
applied and name of the owner thereof - - -  
3 AOTS
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal - PUMP 3/4 P  
WELL

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater - MAY 21 - 1961

8. The depth of water table - 20 ft

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater -  
well with pump 12 in out let for  
lawn & garden

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

11. The log of formations encountered in the drilling of each well if available  
no log 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 Mr James Speiser  
Date 2 - 21 - 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 & Recorder; Duplicate to the State Engineer; Triplicate  
to the Montana Bureau of mines and Geology; and Quadruplicate for the appropriator

File No. ....

ORIGINAL

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

T. 1 S. 0. R. 26. ....

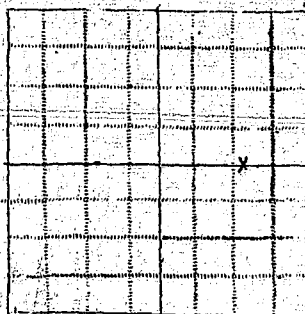
County Yellowstone

RECEIVED  
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. James Speiser of 501 Hillview 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  
Garden & Lawn
3. Date or approximate date of earliest beneficial  
use; and how continuous the use has been -  
MAY 21 1961  
SUMMER - AUTUMN - WINTER
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) - 10 gal min
5. If used for irrigation, give the acreage and  
description of the lands to which water has been  
applied and name of the owner thereof -  
3 lots
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal - PUMP - 3/4 P  
Well

7. The date of commencement and completion of the construction of the well, wells,  
or other works for withdrawal of groundwater - MAY 21 1961

8. The depth of water table - 20 ft

9. So far as it may be available, the type, size and depth of each well or the gen-  
eral specifications of any other works for the withdrawal of groundwater -  
well with pump 1/2 in out let for  
down & garden

10. The estimated amount of groundwater withdrawn each year -

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

no log 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

James Speiser  
Date 12 - 31 - 1963

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

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

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

721625

STATE OF MONTANA,  
County of Yellowstone,  
This instrument was filed in my office  
this 15 day of DEC 31 1963 M.  
at 7:51 o'clock P.  
Edmon S. Redding,  
County Clerk & Recorder  
By [Signature] Deputy  
20

County, Yellowstone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONT, DEPT. of NATURAL  
RESOURCES & CONSERVATION

### 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)

his 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.

wner S. D. STEINBRINK

Address 4035 So Bluffs Blvd.

ate well started 1964

GW 1

completed ...../

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used other

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**Describe**

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

and Addition). Scatter 1 acre

ESTIMATED ANNUAL WITHDRAWAL 300,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3 "	3 " <i>Regal</i>	0	21			

Static water level ..... 9' ..... ft.\*  
Pumping water level ..... 13' ..... ft.\*  
at ..... 75 ..... gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by P.M.F.

for 4 hours.

Power Elect Pump 1 1/2 HP

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

at A & S of Dec 4 1989 in Sugar Lab

SE 1/4 SE 1/4 Sec. 9 T12N

T. 1 NR 26 E

S W

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

Driller's Signature

Driller's Address

LICENSE NO.

24

Show exact depth of bottom

STATE OF MONTANA,

County of Yellowstone

ss.

*LeRoy Dale Steinbock* having first been duly sworn, depose and say that *he* of lawful age and *is* the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well 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.

Merrill H. Klundt  
County Clerk & Recorder  
By *Carroll B. Blevins*  
Deputy

*LeRoy Dale Steinbock*

Subscribed and sworn to before me, this *29th* day of *June*, 19 *73*

Notary Public for the State of Montana.

Residing at

My Commission expires 19

938194

*LeRoy Dale Steinbock*

To

*Water well*

STATE OF MONTANA, } ss.  
County of Yellowstone,  
This instrument was filed in my office  
this *JUN 28* 19 *73*  
at *5* o'clock *P* M.  
MERRILL H. KLUNDT  
County Clerk & Recorder  
By *Carroll B. Blevins* Deputy

*42*

CERTIFICATE  
STATE OF MONTANA. } ss.  
County of Yellowstone.

I hereby certify that this sheet and all  
sheets identified by location of my Offi-  
cial Seal, are authentic and correct  
copies of original as in my office on the

29<sup>th</sup> day of June, 1973

at 8:35 o'clock P.M., in the Document

Number 939194

IN TESTIMONY WHEREOF I have here-  
unto set my hand and affixed my seal of

Office this 12<sup>th</sup> day of September

A.D. 1974

WILLIAM E. TRUNDT  
County Clerk & Recorder

By: Boyd J. Rishick Deputy.

54314







938055

STATE OF MONTANA. } ss.  
County of Yellowstone. }  
This instrument was filed in my office  
this JUN 28 1973 day of JUN 1973  
at 156 7 M.  
ALBERT F. KLUNDT  
Clerk & Recorder  
By [Signature] Deputy

[Signature]



Montana Department of Natural Resources and Conservation  
 Geological Division  
 Mining Bureau  
 Permit Section  
 Mitchell Building  
 Helena, Montana 59601

Owner Floyd Swartz  
 Address 4146 Clevenger Ave. Billings  
 Location T. 1S R. 26E Sec. 9  
 Doc. No. 910850

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 the missing information as indicated in red on the attached form.

Thank you.

That Well was driven in 1957 and I did not no had to have A license to drive my one Others were driving these one

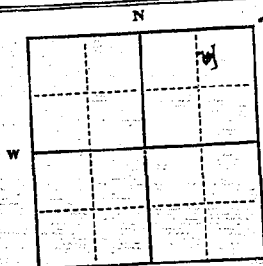
(Churn drill, rotary, or other)  
 Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐  
 Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*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). 92 Klien Sub. 23&24 2. A9553

ESTIMATED ANNUAL WITHDRAWAL 7

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
<u>2 1/2"</u>	<u>2 1/2" Pipe 0</u>		<u>18</u>		



SE 1/4 Sec. 9  
 T. 1S R. 26E

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

Driver's Signature  
 Driver's Address

Static water level ..... ft.\*  
 Pumping water level ..... ft.\*  
 at 3 1/2 gallons per minute  
 measured ..... minutes after pumping began.  
 \*Measured from ground level.  
 Well developed by Self  
 for ..... hours.  
 Power Electric pump 3/4 HP  
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

18' Show exact depth of bottom

LICENSE NO.

50,867

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUL 10 1972

County YELLOWSTONE

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 Floyd & Alice Swartz

Address 4146 Clevenger Ave.

Billings, Montana

Date well started JUN 1957  
completed JUL 1957

For Administrator's Use

File 910850

July 5, 1972 9:00 a.m.

GW 1

Type of well Driven

(Dug, driven, bored or drilled)

Equipment used Hand Driven

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

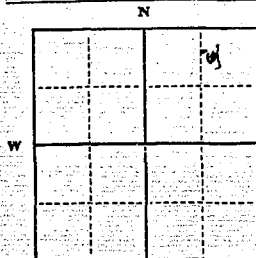
\*Describe

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). 92 Klien Sub. 23&24 2. 1953

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
2 1/2"	2 1/2" Pipe 0		18		



Static water level ..... ft.\*  
Pumping water level ..... ft.\*  
at 3.0 gallons per minute  
measured ..... minutes after pumping began.

\*Measured from ground level.

Well developed by Self

for ..... hours.

Power Electric pump 3/4 HP

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

S  
E 1/4 - E 1/4 Sec. 7  
T. 1 N. R. 16 W.

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

Drillers

Drillers Signature

Drillers

Drillers Address

LICENSE NO.

DRILLERS 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)	
2	4	DEPT
4	6	ROCK
6	8	GRAVEL
8	10	SAND

Show exact depth of bottom

50,869

File No.....

T.....R.....

ORIGINAL

County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

DECLARATION of VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IVAN WALLACE of Billings  
(Name of Appropriator) (Address) (Town)

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


64-607-1  
Cassidy and Day 2nd  
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  
1911-1955
4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) 2 gpm 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 1.21 to 100 ft
6. The means of withdrawing such water from the  
ground and the location of each well or other  
means of withdrawal 1 HP Electric Pump

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

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 gen-  
eral specifications of any other works for the withdrawal of groundwater  
1 1/2" 10' pipe 2" in

10. The estimated amount of groundwater withdrawn each year 200,000 gals

11. The log of formations encountered in the drilling of each well if available  
NONE

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

Signature of Owner Ivan Wallace  
Date Jan 31 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the  
county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will  
be returned.  
Original to the County Clerk & Recorder; Duplicate to the State Engineer; Triplicate  
to the Montana Bureau of mines and Geology, and Quadruplicate for the appropriator

File No. ....

T. .... R. ....

ORIGINAL

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IVAN WALLACE, of 24 Orchard St. Billings  
(Name of Appropriator) (Address) (Town)

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


84-201-1  
County Sub Div 2ND  
Sec. 9 T. 15 R. 26 E Billings  
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  
July 1, 1955

4. The amount of groundwater claimed (in miner's  
inches or gallons per minute) 2 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 1.61 20-100 ft

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

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

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 gen-  
eral specifications of any other works for the withdrawal of groundwater  
Depth 10 ft. 5 ft. 2 ft.

10. The estimated amount of groundwater withdrawn each year 200,000 gals

11. The log of formations encountered in the drilling of each well if available  
NONE

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

Signature of Owner Ivan Wallace  
Date Dec 31, 1963

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

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

Original to the County Clerk & Recorder; Duplicate to the State Engineer; Triplicate  
to the Montana Bureau of mines and Geology, and Quadruplicate for the appropriator

721518

721518

STATE OF MONTANA,  
County of Yellowstone, }  
This instrument was filed in my office  
this 31 day of Dec 1967  
at 10:17 o'clock AM  
Edmon S. Redding,  
County Clerk & Recorder  
By 721 Deputy

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