

113183

Filed for record
at 5:00 P M

20

James M. Brewster

Deputy

Fee \$2.00

File No. _____

DUPLICATE

T 6 S R 57 E
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1962

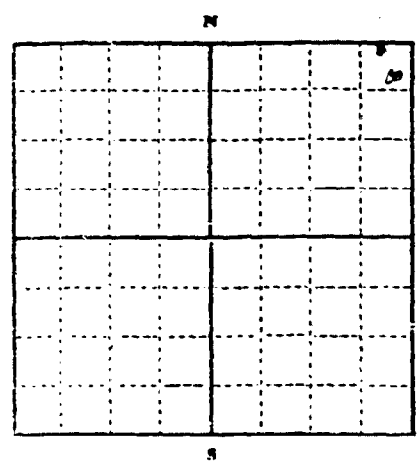
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

George Williams, of Harmond
(Name of Appropriator) (Address) (Town)

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



R. 2 1/4 Sec. 4 T. R.

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

2. The beneficial use on which the claim is based Wells Twinstock & garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1904 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 1500 gpm two sq ft 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 about 8 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump pump jack motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1904 well 1 1957 on well 2
8. The depth of water cable 27 ft on both wells
9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater 2 inch diameter
10. The estimated amount of groundwater withdrawn each year 800,000 gpm
11. The log of formations encountered in the drilling of each well if available no
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner George Williams
Date Dec 26 1962

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

113155

Filed 11 20 11 P M
N.S. 00
James M. Dunster
Free 2.00

113059

December 16, 1963,
at 2:00 P.M.
\$2.00 fee paid
Jane M. Brewster
Clerk and Recorder
Carter County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Page 6 of 57

Carter County

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

DEC 20 1963

1. Earl Brownfield Carter, of Hammond, Montana
County of Richmond State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

STATE ENGINEER

	<u>Sec. 7</u>	<u>Sec. 5</u>	<u>Sec. 7</u>	<u>Sec. 7</u>	<u>Sec.</u>	<u>Sec.</u>
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Stock	Stock	Domestic		
3. DATE OF USE	1953	1953	1920	1956		
How continuous	constant	constant	constant	constant		
4. Amount claimed (gal. per minute)	all	all	all	all		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NENE	SWSW	SWNE	SWNE		
Withdrawal means	pump	pump	pump	pump		
7. Completion date	1953	1953	1920	1956		
8. Water depth table	30'	30'	30'	30'		
Type (drilled or dug)	dug	dug	dug	dug		
9. Size & depth	6" x 30'	12" x 30'	10" x 30'	12" x 30'		
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available	No logs					

STATE OF MONTANA

Signature of owner Earl Brownfield

County of Richmond

Earl Brownfield

having first been duly sworn, deposed and says that he is of lawful age and is the appropriator and claimant of the water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 13th day of December

Charlotte Edwards
Clerk & Recorder
Carter County

File No.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Norman Lambert Address Hammond, Mont.Driller Earl D. Rone Address Bozeman, Mont.

Date of Notice of Appropriation of Groundwater

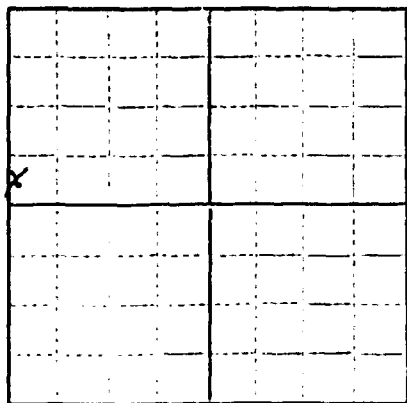
Date well started 9-28-60 Date Completed 9-28-60

Type of well dug Equipment Used rotary
(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)
1 1/4"	6 1/4" 13#	0	27	5 1/2 to	21	27



Lot 12 Sec. 7 T. 65 R. 57 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 20 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 26 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pumping Length of Test 48

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)

20
Driller's License Number

Earl R. Rone
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.

9096

113018

FILED IN RECORD
" 1/30 P

Jan M Brunster
Clerk

Fee \$2.00

File No. _____

DUPLICATE

68-578
R
County Carter

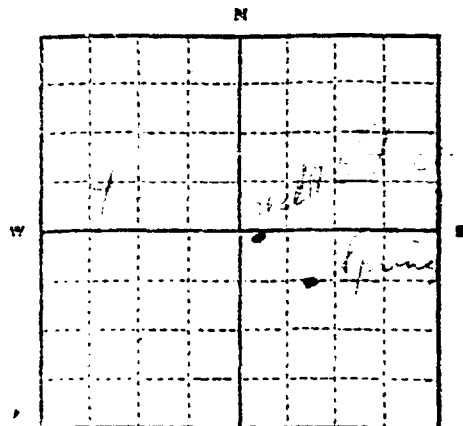
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

George Williams, of Hammond
(Name of Appropriator) (Address) (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 34 T5 R57E
1/4 Sec 7 T5 R57E

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

2. The beneficial use on which the claim is based Livestock

3. Date or approximate date of earliest beneficial use; and how continuing the use has been 1934 - dry weather
on when water was in reservoir
Spring (undeveloped)

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1800 gallons per day when in
spring 6000 gallons per day

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

6. The means of withdrawing such water from the ground and the locations of each well or other means of withdrawal
Well - pump 1 pump jack 1 motor
Gravity - 1 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1934 - well
Spring - undeveloped

8. The depth of water table Well 14 feet - 5

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner George Williams

Date Dec 26, 1963

This declaration is being filed by the owner with the County Clerk and Recorder of the county in which the well is located

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

Original to be filed with County Clerk and Recorder. Duplicates to the State Engineer. Triplicates to the Montana Bureau of Geology and Mineral Research for the Appropriator

113184

Filed for Record
5:05 P.M.

20
Jane M. Brewster

Deputy

Fee \$2.00

GROUNDWATER INDEX

Page of

County CHARTER Twp. 63 Rge. 60E

[illegible]

County Custer 3

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>Arthur H. Baker</u>	For Administrator's Use
Address <u>Agoda</u> <u>Montana</u>	File <u>129922</u> <u>2:00 P.M.</u> <u>January 28, 19</u>
Date well started <u>Sep 16th</u>	GW 1
completed <u>19th</u>	

Type of well Drill

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

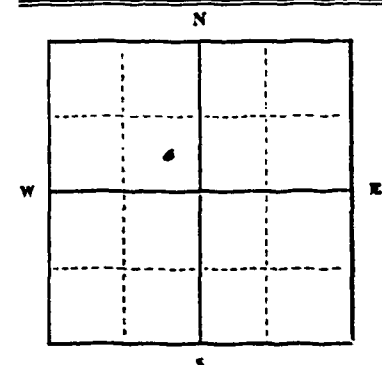
***Describe**

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

and Addition).

ESTIMATED ANNUAL WITHDRAWAL 1000 gal per day

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
8 10 in	8 in	0	30	Cast Iron Cutting Tool	10 30



Static water level 10 ft.*
Pumping water level 15 ft.*
at 8 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by 24 hr
for 12 hours.

Power..... Pump..... HP

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

SE 1/4 NW 1/4 Sec. 3
T. 6 N. R. 60 (E)
(S) W

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

Driller's Signature by Annie E. Ash

Driller's Address Franklin Ave. N. W.

LICENSE NO. 60

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

48072

129922

CARTER COUNTY
EXALAKA, MONTANA
Filed for Record
at 2:00 P.M.

JAN 8 1971

JANE M. BREWSTER

Calley Stiles
County Clerk
Deputy
Fee: \$2.00

File No. 113243

DUPLICATE

T. 63 R. 60E.

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

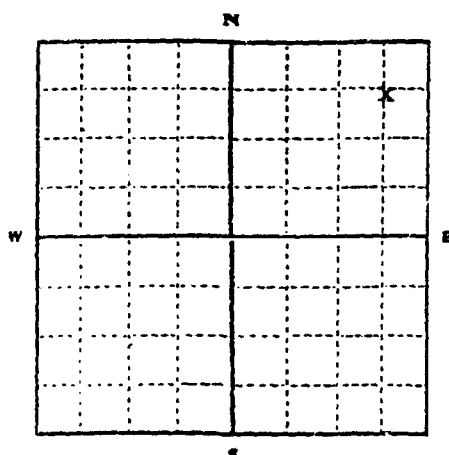
RECEIVED

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

James D. Walker & Eugene D. Walker, of Albion
(Name of Appropriator) (Address) (Town)

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



NE 1/4 NE Sec 6 T. 63 R. 60E.

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

2. The beneficial use on which the claim is based watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1942.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1942.
8. The depth of water table surface flow.
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 surface flow.
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 not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record not available.

James D. Walker & Eugene D. Walker

Signature of Owner Eugene D. Walker

Date Dec. 26, 1963.

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

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

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

5538

Filed for Record
at 10:50 A.M.

Jane M. Brewster

Cally M. Stier
Deputy

Fee: \$2.00

County Cati

STATE OF MONTANA
ADMINISTRATOR OF GREATWATER 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 Arthur E. Baker

Address St. Agada

Date well started Sept 22

completed 6-5-20

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

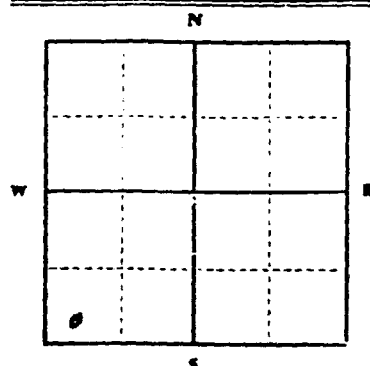
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10 in	8 in 20 lb 1 ft	0	65	Cute mill cutting tools	30	65



Static water level 40 ft.*
Pumping water level 43 ft.*
at 8 gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.
Well developed by balls
for 6 hours.

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

S. 2 1/4 S 2 1/4 Sec. 11
T. 6 R. 60
S

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

Driller's Signature for Annie & Lisa

Driller's Address 6 Kalaka Honolulu

LICENSE NO. **60**

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

7/16/44

129431

CARTER COUNTY
Ekalaka, MONTANA
Filed for Record
at 5:00 P.M.

OCT 15 1970

JOHN M. BREWSTER

County Clerk
Cally Stieg
Deputy

Fee: \$2.00

ESTIMATED ANNUAL WITHDRAWAL	and Addition	1000 gals	1000 gals
10 in	8 in	0	65
20 in	1 in	0	65
PREPARATIONS			
30	65		

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 Arthur Salas

Address Belgoda
Montana

Date well started Sept 22
completed Sept 30

Type of well Drilled

Equipment used Rotary

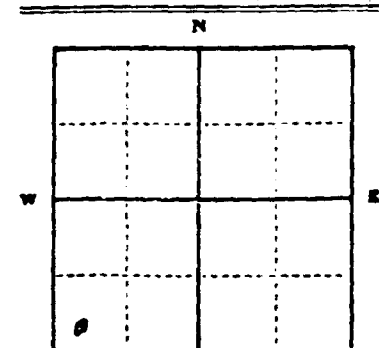
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition) 1000 gals

ESTIMATED ANNUAL WITHDRAWAL 1000 gals per day

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
10 in	20 pipe 1 in	0	65	Kind of cut mill cutting tool
				From (Feet)
				To (Feet)
				30 65



S. 4 1/4 Sec. 11
T. 6 R. 6 E.
S

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

Driller's Signature Arthur Salas

Driller's Address Belgoda Montana

LICENSE NO. 60

County Carter

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	15	Top soil
15	30	Clay
30	45	Gravel
45	65	Water found
		Water in well
		8' water

Show exact depth of bottom

4/16/44

GROUNDWATER INDEX

Page of

County CARTER Twp. 25 Rge. 1-2

[illegible]

File No.

DUPLICATE

RECEIVED

AUG 9 1963

L 65 R 62-E

21

STATE ENGINEER
STATE OF MONTANAADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

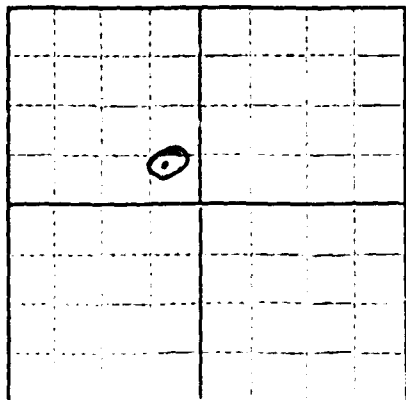
Owner Clara Emerson Address Helena, MontanaDriller MERLE R. Bandy Address Belle Fourche S.D.

Date of Notice of Appropriation of Groundwater

Date well started 5-2-63 Date Completed 5-2-63Type of well DRILLED Equipment Used ROTARY
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8" N.	4 1/2" O.D. 44 lb.	0	46 1/2	SLOTS	25	41
	11/16"					



SE 1/4 NW Sec 21 T 65 R 62 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 21 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 41 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested pumped Length of Test 1 hour

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

112
Driller's License NumberMerle R. Bandy
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.

6325

112201

Filed for Record

at 11:30 AM

Jane M. Brewster
County Clerk

Deputy

Page # 2.00

File No.

STATE WATER CONSERVATION BOARD

T. 3 S. R. 62 E.

DUPLICATE

JAN 11 1967

County Carter

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)

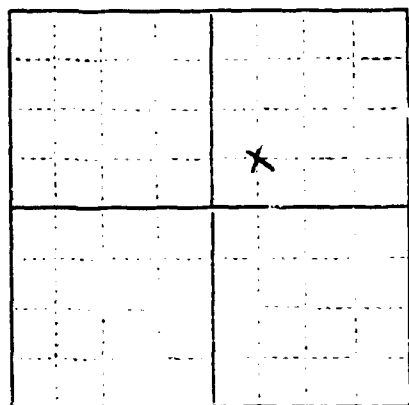
Owner Enerson Ranches Address Capitol, Mont.Driller Ed R. Sikorski Address Alzada, Mont.

Date of Notice of Appropriation of Groundwater

Date well started Oct. 25, 1966 Date Completed Oct. 26, 1966Type of well bored
(dug, driven, bored or drilled)Equipment Used rotary
(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)
2 3/8"	24" baydite	0	25	5/16"	19	25



1/4 Sec. 31 T. 65 S. R. 62 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 21 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 23 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailer Length of Test 40 min.

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)

Packed with 100 lbs. per sized gravel.

113

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.

41645

118056

CHANDLER COUNTY
BEAVERHEAD, MONTANA
Filed for Record
at 4:00 P.M.
JAN 1 0 1967
Jane M. Brewster
County Clerk
Cally M. Stacey
Deputy
Fee: \$2.00

GROUNDWATER INDEX

Page of County CHARTER Twp. 7 Rge. 10E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	HUGH, JAMES L.	GW-4	11395	
1	HUGH, JAMES L.	GW-4	11395	
2	HUGH, JAMES L.	GW-4	11395	
4	TRACON, LOUIS C.	GW-4	11395	
6	CHAM, JOHN B.	GW-4	11395	
7	BARBER, CHARLES T.	GW-2	11395	
8	DRAY, HAROLD	GW-4	11395	
8	DRAY, HAROLD	GW-4	11395	NAME AS SEC. #1
7	BARBER, CHARLES T.	GW-2	11395	
9	BARBER, CHARLES	GW-2	11395	
9	BARBER, CHARLES T.	GW-4	11395	
11	ALDRICH, CHARLES H.	GW-4	11395	
11	HUGH, JAMES L.	GW-4	11395	
14	ALDRICH, CHARLES H.	GW-4	11395	NAME AS SEC. #1
14	ALDRICH, CHARLES	GW-2	11395	
16	DRAY, HAROLD	GW-4	11395	NAME AS SEC. #5
18	BARBER, CHARLES	GW-4	11395	
19	ALDRICH, EDWARD T.	GW-4	11395	
20	ALDRICH, EDWARD T.	GW-4	11395	NAME AS SEC. #1
21	DRAY, HAROLD	GW-4	11395	NAME AS SEC. #5
21	DRAY, HAROLD	GW-4	11395	
22	ALDRICH, CHARLES H.	GW-4	11395	NAME AS SEC. #1
23	ALDRICH, CHARLES H.	GW-4	11395	NAME AS SEC. #1
24	DRAY, HAROLD	GW-4	11395	
24	DRAY, HAROLD	GW-4	11395	
27	DRAY, HAROLD	GW-4	11395	NAME AS SEC. #1
30	ALDRICH, EDWARD T.	GW-4	11395	NAME AS SEC. #19
30	ALDRICH, EDWARD T.	GW-4	11395	NAME AS SEC. #19
31	ESPY, J. H.	GW-4	11395	
32	ESPY, J. H.	GW-4	11395	NAME AS SEC. #1
32	TRACON, LOUIS C.	GW-4	11395	
33	ESPY, J. H.	GW-4	11395	NAME AS SEC. #1
24	DRAY, HAROLD	GW-4	11395	NAME AS SEC. #5

File No. _____

T. 7S R. 55E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

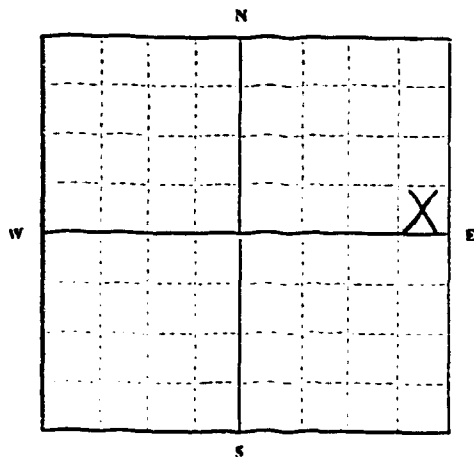
RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Vergil L. Hough, of Harmond
(Name of Appropriator) (Address) (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 1, 1/4, 22, Sec. 1, T. 7S R. 55E

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

2. The beneficial use on which the claim is based
Household Use and Stock Water Well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 15th, 1951
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) (4) four gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pumpjack with electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 10/15/51
8. The depth of water table 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled; 3 inch cased; 111 feet
10. The estimated amount of groundwater withdrawn each year 130,000 gallons
11. The log of formations encountered in the drilling of each well if available.
13 ft yellow clay; 58 feet sandstone; 7 ft clay; 39 ft yellow sandstone; 10 feet blue clay; 1 ft hard rock; 3 ft blue shale
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Vergil L. Hough

Date December 4th, 1963

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

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

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

112981

FILED Record
at 11:45 AM

Jane M. Brewster
County Clerk

Deputy

Fee \$ 2.00

File No.

T. 7S R. 55E

DUPLICATE

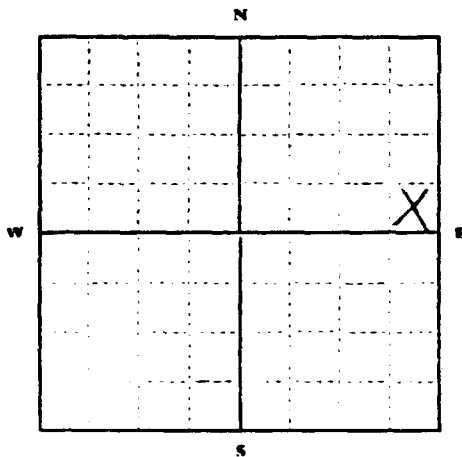
County **Carter**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

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

1. **Vergil L. Hough**, of **Harmond**
(Name of Appropriator) (Address) (Town)
County of **Carter** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 1, T. 7S R. 55E

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

2. The beneficial use on which the claim is based
Household Use and Stock Water Wells
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1918; the use has been continuous to date**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **(4) four gallons per minute**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill and Pumpjack with electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table **90 feet**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **drilled, 2 inch cased, 123 feet**
10. The estimated amount of groundwater withdrawn each year **130,000 gallons**
11. The log of formations encountered in the drilling of each well if available **none 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

Vergil L. Hough

Date **12/4/63**

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

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

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

112980

FF 112980 Record
11:45 AM

Jane M. Brewster

Deputy

Fee \$2.00

109145

Form No. 18
8-60T. 7 S R. 55 ECounty CarterMONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Yorgel L. Bough Address Harwood, MontanaDriller Frank Brady, Jr. Address Brookus, MontanaDate Started May 12, 1959 Date Completed May 13, 1959Location: Sec. 2 T. 7 S R. 55 E $\frac{1}{4}$ sec. NE 1/4Type of well Drilled Equipment used Rotary
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____Casing: 0 ft. to 2 1/2 ft. Type Black Pipe Size 4"

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

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

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

Type of screen or perforations _____

Static water level, for non-flowing well: 295 feet.Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____
(date)Pumping water level 252 feet at 5 gal. per min.How tested: Running w/2" w/l.Length of test 1 hr.

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

(over)

Log of Well

[illegible]

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 75 R 55 E

County Carter

RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

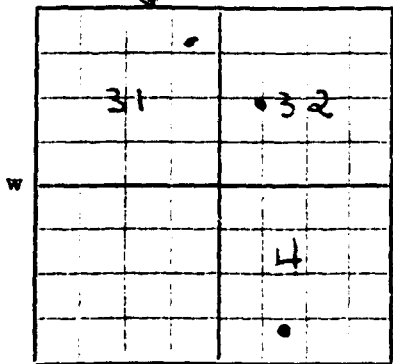
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Louis C. Tucano of Bayes
(Name of Appropriator) (Address) (Town)

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

no. 5 T 62 R 55 E, sec. 32 T 62 R 55 E



no. 7 1/4 Sec. 4 T 7 R 55 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
Water LIVES TOOK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
no. 5 - 1942, continuous
no. 6 - 1943, continuous
no. 7 - 1963, continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
no. 5 - 10 gal. per min.
no. 6 - 8 gal. per min.
no. 7 - 15 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
no. 5 - 1/2 ac.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
no. 5 - 2 1/2 inch pump
no. 6 - 2 1/2 inch pump
no. 7 - 2 1/2 inch pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
no. 5 - 1959
no. 6 - 1943
no. 7 - 1960
8. The depth of water table
no. 5 - 470 ft.
no. 6 - 170 ft.
no. 7 - 440 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
no. 5 - 2 1/2 inch, 54 ft.
no. 6 - 2 1/2 inch, 235 ft.
no. 7 - 2 1/2 inch, 530 ft.
10. The estimated amount of groundwater withdrawn each year
no. 5 - 500,000 gal.
no. 7 - 1,000,000 gal.
11. The log of formations encountered in the drilling of each well if available
logs available with Carter Co. AS-C office
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
logs available with Carter Co. AS-C office

Signature of Owner Louis Tucano

Date 12-16-63

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

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

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

25470

113203

Filed for Record
830 A.M.

James M. Brewster
County Clerk

Deputy

7-22-200

G

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

File No. 113045T 5 R 5

DUPLICATE

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

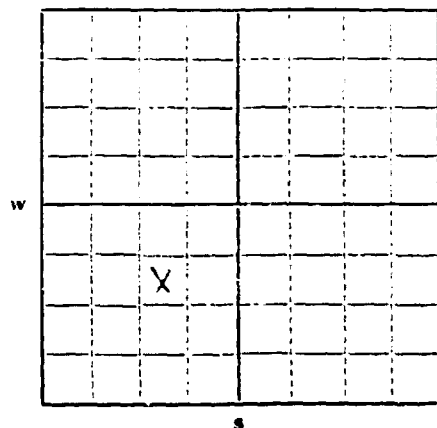
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEC 29 1963

STATE ENGINEER

I, Barney, of Carbon County, State of Montana,
(Name of Appropriator) (Address) (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 7 R. 5

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

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand dug well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed Nov. 1955
8. The depth of water table 220 ft deep
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug well 210 ft deep
10. The estimated amount of groundwater withdrawn each year 200,000 Gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner BarneyDate Dec 7, 1963

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

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

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

Filed for Record
at 11:45 o'clock A.M.

JUN 16 1963
Jane M. Brewster

County Clerk
Callie M. Stine
Deputy

County Powder River

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 J. and Ora

Address 3 eyes, Mont.

Date well started 8-7-72

completed 8-9-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

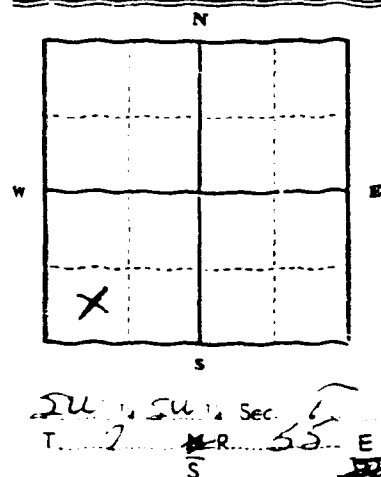
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4" 2" std.	0	493	493	1/4" slots	423	493



Static water level flowing ft.*
Pumping water level _____ ft.*
at _____ gallons per minute,
measured _____ minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
Sealed at 340 ft.
shut off valve
is stalled

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

Driller's Signature Carl H. Harn

Driller's Address 3 eyes, Mont.

LICENSE NO. 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.

30.2

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	8	yellow sand
8	47	yellow clay
47	55	blue clay
55	62	yellow sand
62	68	blue clay
68	69	rock
69	72	blue sand
72	74	sandstone
74	81	blue sand
81	83	rock
83	88	blue sand
88	159	blue shale
159	162	sandstone
162	218	blue shale
218	251	blue sand
251	404	blue shale
404	506	blue sand
506	510	blue shale

FILE 89964

15 ft

Sept. 72
Carl H. Harn
Driller
3 eyes, Mont.

310

Show exact depth of bottom

51,391

134508

RECEIVED

Cart 8

County, Boulder River

Carter
DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 8 1972

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 J. Barbiero

Address 3075 S. Mont.

Date well started 8-7-72

completed 8-9-72

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

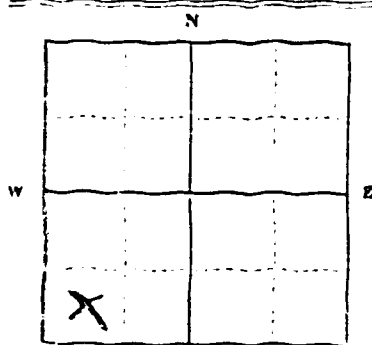
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 657,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
4" std.		0	493	1/2" x 4" slots 493 498



SW 1/4 Sec. 8
T. 7 S. R. 5 E.

Static water level flowing 6 ft.
Pumping water level 22 ft.
at 22 gallons per minute,
measured 1 minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
seated at 340ft.
shut off valve
in stalled

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

Driller's Signature Earl Drake

Driller's Address 3 roads, Mont.

LICENSE NO. 20

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	8	yellow sand
8	47	yellow clay
47	55	blue clay
55	62	yellow sand
62	68	blue clay
68	69	rock
69	72	blue sand
72	74	sandstone
74	81	blue sand
81	83	rock
83	83	blue sand
83	150	blue shale
150	162	sandstone
162	218	sandy shale
218	231	blue sand
231	404	blue shale
404	506	blue sand
506	510	blue shale

FILED 899/1
RECORDED
15th
September 1972
J. B. J.
Charlotte Edwards
By
15th

510 Show exact depth of bottom

51,981

124508

RECEIVED

County Bozeman Bozeman River
Carter
DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 8 1972

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 3 arb erg

Address Bozeman, Mont.

Date well started 8-7-72

completed 8-9-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

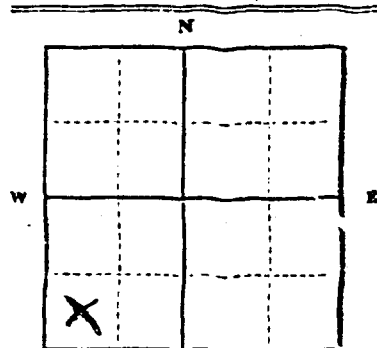
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 657,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
4" 2"std.		0	498	1/4" slots 423 498



SW 1/4, SW 1/4, Sec. 8
T. 7 N. R. 52 E.
S

Static water level flowing ft.*
Pumping water level ft.*
at 22 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
seated at 340ft.
shut off valve
in stalled

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

Driller's Signature Carl Drane

Driller's Address Bozeman, Mont.

LICENSE NO. 20

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.

NO. 2

Top of Ground

From (Feet)	To (Feet)	
0	3	yellow sand
3	47	yellow clay
47	55	blue clay
55	62	yellow sand
62	68	blue clay
68	69	rock
69	72	blue sand
72	74	sandstone
74	81	blue sand
81	83	rock
83	88	blue sand
88	150	blue shale
150	162	sandstone
162	210	sandy shale
210	251	blue sand
251	404	blue shale
404	506	blue sand
506	510	blue shale

FILED 899/7

COUNTY CLERK

RECORDED

15th

September 1972

By Charlotte Edwards

Field

510

Show exact depth of bottom

51,981

113172
Filed,
Dec 26, 1963,
at 3:30 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Carter Co

Trp 7 S, Rgs 55 E

RECEIVED
DEC 26 1963

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

STATE ENGINEER

1. _____, of _____,
County of ~~Blaine~~ Blaine State of MONTANA, have appropriated groundwater according to
the Montana ~~Groundwater Code~~ Groundwater Code effective prior to January 1, 1962, as follows:

	Sec. 1	Sec. 8	Sec. 16	Sec. 21	Sec. 21	Sec. 36
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic	stock	stock	stock	stock	stock
3. DATE OF USE	1955	1952	1954	1934	1950	1955
How continuous	constant	constant	constant	constant	constant	constant
4. Amount claimed (gal. per minute)	3	3	5	5	5	6
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location						
Withdrawal means	artesian	windmill	windmill	windmill	windmill	windmill
7. Completion date	1955	1952	1954	1934	1950	1955
8. Water depth table	-0-	20'	160'	54'	206'	60'
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	2" x 560'	4" x 350'	4" x 350'	4" x 150'	4" x 185'	4" x 210'
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available	Not available.					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Harold Drane

Date

_____ having first been duly sworn, deposes and says
that he is of legal age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this _____ day of _____, 19____.

13th

December

63

CHARLOTTE EDWARDS

deputy

12026

113172

Filed for Record
at 2:30 P.M.

Jan 2, 1903
Jane M. Brewster
Calvin M. Brewster

STATE OF MONTANA
ADMINISTRATIVE CODE
MONTANA DEPARTMENT OF REVENUE

OFFICE OF THE COMMISSIONER OF REVENUE
SALT AND SODA DIVISION
SALT AND SODA TAXES

OFFICE OF THE COMMISSIONER OF REVENUE

For the purpose of this act, the following definitions shall apply: (1) "SALT" means sodium chloride, whether or not refined, and (2) "SODA" means sodium carbonate, whether or not refined.

Section 128461

Bozeman, Montana

12-1970

12-1970

drilled

rotary

12-1970

12-1970

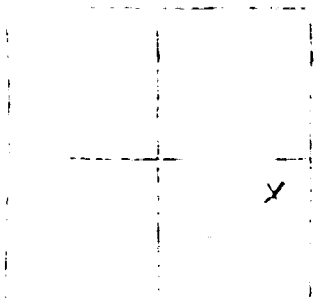
12-1970

Annual

ANNUAL WITHDRAWAL

12-1970

" 4" plastic 0 140 1/4" 100 100
Notes



Estimated
Produced water
100
Notes

12-1970

12-1970

Earl Drane
Bozeman, Montana

12-1970

County, Powell, Blaine
WELL IN - CARTER COUNTY

Indicate the direction, depth, and character of the well, and the nature of the water obtained.

Top of casing	Depth	Character of water
10	10	Surface water
11	11	Surface water
12	12	Surface water
13	13	Surface water
14	14	Surface water
15	15	Surface water
16	16	Surface water
17	17	Surface water
18	18	Surface water
19	19	Surface water
20	20	Surface water
21	21	Surface water
22	22	Surface water
23	23	Surface water
24	24	Surface water
25	25	Surface water
26	26	Surface water
27	27	Surface water
28	28	Surface water
29	29	Surface water
30	30	Surface water
31	31	Surface water
32	32	Surface water
33	33	Surface water
34	34	Surface water
35	35	Surface water
36	36	Surface water
37	37	Surface water
38	38	Surface water
39	39	Surface water
40	40	Surface water
41	41	Surface water
42	42	Surface water
43	43	Surface water
44	44	Surface water
45	45	Surface water
46	46	Surface water
47	47	Surface water
48	48	Surface water
49	49	Surface water
50	50	Surface water
51	51	Surface water
52	52	Surface water
53	53	Surface water
54	54	Surface water
55	55	Surface water
56	56	Surface water
57	57	Surface water
58	58	Surface water
59	59	Surface water
60	60	Surface water
61	61	Surface water
62	62	Surface water
63	63	Surface water
64	64	Surface water
65	65	Surface water
66	66	Surface water
67	67	Surface water
68	68	Surface water
69	69	Surface water
70	70	Surface water
71	71	Surface water
72	72	Surface water
73	73	Surface water
74	74	Surface water
75	75	Surface water
76	76	Surface water
77	77	Surface water
78	78	Surface water
79	79	Surface water
80	80	Surface water
81	81	Surface water
82	82	Surface water
83	83	Surface water
84	84	Surface water
85	85	Surface water
86	86	Surface water
87	87	Surface water
88	88	Surface water
89	89	Surface water
90	90	Surface water
91	91	Surface water
92	92	Surface water
93	93	Surface water
94	94	Surface water
95	95	Surface water
96	96	Surface water
97	97	Surface water
98	98	Surface water
99	99	Surface water
100	100	Surface water

140
4057

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OFFICE OF COMPLETION OF GROUNDWATER
INFORMATION BY A DRILLING CONTRACTOR

Developed Nov. January 1, 1968

(Under Chapter 137 Montana Statutes, 1971, as amended)

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

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

Owner Charles Barbero

Address Boyes, Montana

Date well started 6-1970

Completed 6-1970

Type of well drilled

Equipment used rotary

Use of well Domestic ☐ Municipal ☐ Irrigation ☐

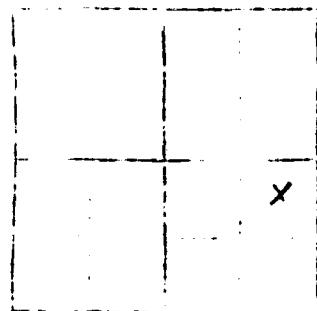
Industrial ☐ Drainage ☐ Other ☐ Gravel, sand

Use of well for irrigation, industrial, drainage or other (Explain)

(Indicate number of acres and location of land to be irrigated, drained, or added).

ESTIMATED ANNUAL WITHDRAWAL

Well No.	Size and Type of Pump	Flow Rate (GPM)	Head (ft.)	Power (HP)	Notes
1	6" 4" plastic	0 140	1/4" 120	140	clotted



Static water level 75 ft.
Pumping water level 130 ft.
at 7 ft. per minute
number of 7 minutes after pumping
began.
Measured to ground level
well deviation by balling
for 2 ft.
Power 271 HP
check 10 ft. of
bottom of well

NE SE 9

LOCATION OF WELL AND LOCATION OF POWER

Earl Krane
Bozeman Montana

REC. NO. 20

140

46697

County Powder River
Well No. Carter County
Driller's No. 9

Indicate the character, color, and
depth of strata such as soil, clay,
gravel, sand, and silt, etc.
Depth at which water is first
encountered and height to which water rises.

Top of Ground	Depth (ft.)	Strata
0	7	sandy tan soil
7	42	yellow sand
42	45	yellow clay
45	49	gravel
49	63	yellow clay
63	72	blue shale
72	78	blue sand
78	109	blue shale
109	111	rock
111	124	blue shale
124	139	blue sand
139	140	blue shale

128461

CARTER COUNTY
BEALAKA, MONTANA
Filed for Record

10/22/2010

W. L. BREWSTER

County Clerk

Bealaka, Montana

Bealaka

10/22/2010

County, Powder River
well in Carter County

STATE OF MONTANA
ADVISORY BOARD OF MINES AND MINING
MONTANA DEPARTMENT OF MINES AND MINING

WELL NO. 128461
CARTER COUNTY, MONTANA
WELL DEPTH 140 FEET
WELL TYPE 4" PLASTIC
WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL NO. 128461
CARTER COUNTY, MONTANA

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

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WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

WELL DEPTH 140 FEET

WELL TYPE 4" PLASTIC

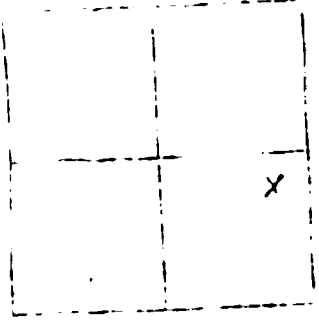
WELL NO. 128461
July 20, 1970
6:00 a.m.
GW

0 7 yellow sand
1 2 yellow sand
3 4 yellow sand
5 6 yellow sand
7 8 yellow sand
9 10 yellow sand
11 12 blue sand
13 14 blue sand
15 16 blue sand
17 18 blue sand
19 20 blue sand
21 22 blue sand
23 24 blue sand
25 26 blue sand
27 28 blue sand
29 30 blue sand
31 32 blue sand
33 34 blue sand
35 36 blue sand
37 38 blue sand
39 40 blue sand
41 42 blue sand
43 44 blue sand
45 46 blue sand
47 48 blue sand
49 50 blue sand
51 52 blue sand
53 54 blue sand
55 56 blue sand
57 58 blue sand
59 60 blue sand
61 62 blue sand
63 64 blue sand
65 66 blue sand
67 68 blue sand
69 70 blue sand
71 72 blue sand
73 74 blue sand
75 76 blue sand
77 78 blue sand
79 80 blue sand
81 82 blue sand
83 84 blue sand
85 86 blue sand
87 88 blue sand
89 90 blue sand
91 92 blue sand
93 94 blue sand
95 96 blue sand
97 98 blue sand
99 100 blue sand

WELL DEPTH 140 FEET

80,000 gal.

4" plastic 0 140 1/2" 120 140
Plastic



Static water level 75 ft.
Pumping water level 100 ft.
Wells are located in the
vicinity of the
ground level
by drilling
Power Co. 2
Rocks are
type

NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W.

WELL LOCATION NE 1/4 Sec 9, T. 20 N., R. 20 E., S. 14 W., Carter County, Montana

Earl Drane
Broadus Montana

140

140

400

113210

Filed,
12-26, 1963,
at 10:30 A. M.
\$2.00 fee paid

James McBurnette
Clerk and Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps 7 S, Rge 55 E

RECEIVED
DEC 30 1963

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

STATE ENGINEER

1. Charles J. Barbano, of Foyes, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5	Sec. 6
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock					
3. DATE OF USE	1964					
How continuous	constant					
4. Amount claimed (gal. per minute)	7 gpm					
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	near					
Withdrawal means	pump					
7. Completion date	Aug. 31, 1964					
8. Water depth table	90'					
Type (drilled or dug)	drilled					
9. Size & depth	3" x 210'					
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available	H. J. Deane, Foyes, Montana 0 - 55 Brn. sand 55 - 56 rock 56 - 60 Lt. blue sand 60 - 95 soft sand rock 95 - 115 soft brn. sand 115 - 155 blue clay 155 - 170 brn sand 170 - 210 water sand Water					

STATE OF MONTANA
County of Powder River

Signature of Owner Charles J. Barbano

Date 12/19/63

Charles J. Barbano having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 19th day of December, 1963

136

Filed for Record

10:30 A.M.

Jane M. Brewster

Cathy M. Stieg
Deputy

13297, Filed,
Dec 30, 1963
at 8:30 A.M.
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 7 S, Rge 25 E

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

RECEIVED
JAN 7, 1964

1. Charles A. Aldrich, of Hammond, Montana, STATE ENGINEER,
County of Powder River, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

						
	Sec. 22	Sec. 23	Sec. 14	Sec. 11	Sec. 5	Sec. 6
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Stock	Stock	Stock		
DATE DRILLED	1953	1938	1943	1957		
3. How continuously used	constant	constant	constant	constant		
Amount Claimed						
4. (gal. per minute)	5	5	6	7		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SE 1/4	SE 1/4	SE 1/4	NE 1/4		
6. Withdrawal means	windmill	windmill	windmill	windmill		
7. Completion date	1953	1938	1943	1957		
8. Water depth table	150'	150'	150'	230'		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & Depth	4" x 180'	4" x 200'	4" x 200'	4" x 100'		
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Charles A. Aldrich

Date 12-27-63

Charles A. Aldrich having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

27th day of December, 19 63.

Deputy Clerk & Recorder, Powder
River County, Broadus, Montana

Charles A. Aldrich

254.64

File No.

T. 7S R. 55E

DUPLICATE

County Carter

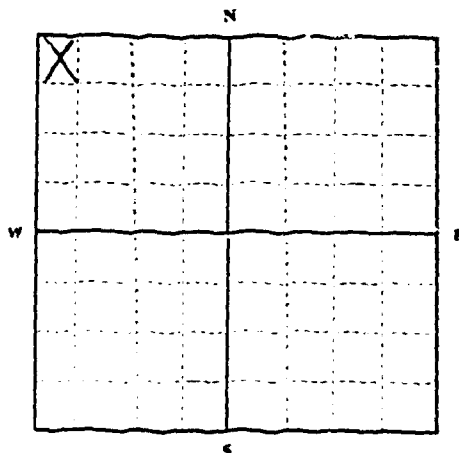
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963
STATE ENGINEER

1. Vergil L. Hough, of Hammond
(Name of Appropriator) (Address) (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW Sec. 11, T. 7S R. 55E

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

2. The beneficial use on which the claim is based
Stock Water Well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 or 1947
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) (5) five gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pumpjack with gasoline engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946 or 1947
8. The depth of water table 150 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled; 4 inch cased; 218 feet deep;
10. The estimated amount of groundwater withdrawn each year 150,000 gallons per year
11. The log of formations encountered in the drilling of each well if available
5 ft top soil; 40 ft sandrock; 10 ft blue clay; 20 ft sandrock; 20 ft blue clay; 20 ft sandrock; 40 ft blue clay; 19 ft sand and blue clay; 4 ft rock; 20 ft water sand and clay; 20 ft water sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Vergil L. Hough
Date December 4th, 1963

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

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

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

112979

Filed for Record
at 11:45 AM

Jane M Brewster
Deputy

Fee \$2.00

File No. 112111
Filed: July 19 1963
at 11:45 P.M.
James M. Brunette
Clerk and Recorder
Broad River County
Carter Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 75 R 53

RECEIVED
JUL 24 1963

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

Top of Ground
(Elev. above sea
level _____)
0
50 sandy
75 clay
77 rock
96 blue clay
140 blue sand stone
145 blue clay

OWNER Charley Aldrich Address Hammond, Mont.

DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started 7-15 63 Completed 7-16-63

Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling - e.g., soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Well Size	(feet)	(feet)
5 5/8	4in. 9lb.	0	147	slots	112	147

Static Water Level for non-flowing well 75 feet.

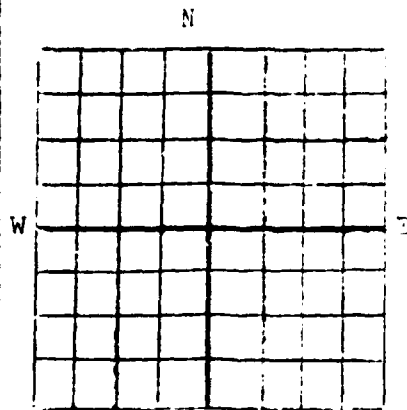
Shut-in Pressure for Flowing Well _____

Pumping Water Level 105 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pumping & bailing Length of Test 2 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any)



W 14 Sec. T.75 R. 53

STATE OF MONTANA)
County of Carter) SS.

Char. A. Aldrich having first been duly sworn, depose and say that he is of lawful age and 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 knows the contents of said foregoing notice and that the matters and things therein stated are true.

20
Driller's license number
Earl Drane
Driller's Signature

Subscribed and sworn to before me, this 14 day of _____, 1963

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 J. and Mrs. J. J. J. J.

Address 307 S. 1st St.

Date well started 7-31-72

completed 8-1-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Crown drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

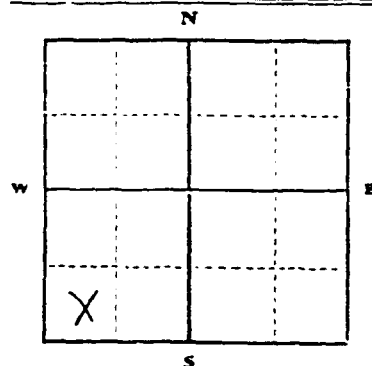
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
8"	6" surface	0	37	Kind Size
6"	4" 10'	0	64	From (Feet)
4"	2" std.	64	497	To (Feet)
				1x4" slots 422 497



Static water level 12 ft.
Pumping water level 35 ft.
at 8 gallons per minute,
measured 5 minutes after pumping
began.

*Measured from ground level.

Well developed by balling
for 5 hours.

Power 1 Pump 1 HP

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

SW 1/4 Sec. 17
T. 7 R. 55 E
S. 3

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

Driller's Signature Earl R. Lane

Driller's Address

LICENSE NO. 20

County Bozeman

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	31 yellow sand
31	35 yellow sand & gravel
35	51 gray clay
51	60 blue sand
60	67 blue clay & sand streaks.
67	94 blue shale
94	120 blue shale & sand streaks.
120	210 blue shale
210	243 blue sand
243	313 sandy blue shale
313	412 blue shale
412	497 blue sand
497	520 blue shale

FILED 89963

By Charles J. J. J.
Paid 15.15

72

51,390

51,390

51,390

51,390

51,390

51,390

51,390

51,390

51,390

51,390

51,390

51,390

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 Barbano

Address 307 S. Main St.

Date well started 7-31-72

completed 8-4-72

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

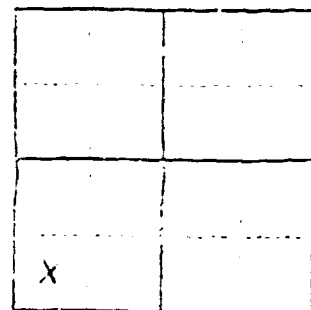
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 400,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	6" surface	0	37	
6"	4" 10#	0	64	
4"	2" std.	64	407	4x4" slots 422 407



S.W. 1/4 Sec 17
T. 7 N. R. 55 E.

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

Driller's Signature E. J. Crane

Driller's Address

LICENSE NO. 20

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.

no. 1

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	31	yellow sand
31	35	yellow sand & gravel
35	51	gray clay
51	60	blue sand
60	87	blue clay & sand strks.
87	94	blue shale
94	120	blue shale & sand strks.
120	115	blue shale
218	243	blue sand
243	313	sandy blue shale
313	412	blue shale
412	437	blue sand
437	520	blue shale

FILED 89763

COUNTY OF DEWEE
15th
September 72
2:53 P. M.
Charles Barbano
Charles J. Crane
307 S. Main St.

Static water level 12 ft.
Pumping water level 35 ft.
at 9 gallons per minute,
measured 1 minutes after pumping
began.
*Measured from ground level.
Well developed by drilling
for 3 hours.
Power 1 HP
Remarks: Gravel packing, cementing,
packers, type of shut-off,

500 Show exact depth of bottom

51,982

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 B. Arbore

Address Boyer, Montana

Date well started 7-31-72

completed 8-4-72

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

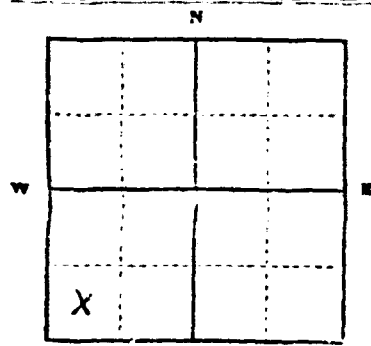
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 450,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Kind	From (Feet)	To (Feet)
3"	5" surface	0	37				
6"	4" 10#	0	64				
4"	2" std.	64	407	4" slots	422	407	



S.W. 1/4, S.W. 1/4, Sec. 17
T. 7 N. R. 55 E.

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

Driller's Signature Carl Brown

Driller's Address

LICENSE NO. 20

Top of Ground no. 1 (Elev. above sea level)

From (Feet)	To (Feet)	
0	31	yellow sand
31	35	yellow sand & gravel
35	51	gray clay
51	60	blue sand
60	87	blue clay & sand strks.
87	94	blue shale
94	120	blue shale & sand strks.
120	218	blue shale
218	243	blue sand
243	313	sandy blue shale
313	412	blue shale
412	497	blue sand
497	520	blue shale

FILED 89763

COUNTY CLERK & RECORDER

September 15th 1972

By Charles B. Arbore

By Charles B. Arbore

Static water level 12 ft.
Pumping water level 35 ft.
at 9 gallons per minute,
measured 9 minutes after pumping
began.

*Measured from ground level.
Well developed by drilling
for 3 hours.

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

520 Show exact depth of bottom

51,982

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Charles Barbero
_____ of the County of Carter _____ in
the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Tiger Oil Company
Lease Name Barbero
Well No. 1-18 Sec. 18, Twp. 7 South, Rge. 55 East
The well is located 1980 feet ^S of the North
1808 ~~1443~~ line and 1443 feet ^E of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953,
I do hereby notify the Oil and Gas Conservation Commission of the State of Mon-
tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-
above named from any further work or responsibility in relation to the plugging
of said well.

WITNESS my hand and seal this 26 day of June 1968.

Charles Barbero (L.S.)
Landowner

Address _____

IN THE PRESENCE OF:

Judy Thomas Address Bozeman, Montana
Brookings, S. Dakota

APPROVED BY:

Oil and Gas Conservation Commission

Thomas J. [Signature]
~~Executive Secretary~~ Acting

Dated: June 27 1968



NORMAN J. BEAUDRY, ATTORNEY
 P. O. BOX 217
 HELENA, MONTANA 59601
 BILLY B. LANE, GEOLOGIST
 18 POLY DRIVE
 BILLINGS, MONTANA 59101
 GORDON D. LANQUETTE
 PETROLEUM ENGINEER
 13 POLY DRIVE
 BILLINGS, MONTANA 59101
 NORMAN J. BEAUDRY, ACCT.
 P. O. BOX 217
 HELENA, MONTANA 59601

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
 BOX 217
 HELENA, MONTANA 59601

142 THIRD SOUTH
 SHELBY, MONTANA 59474
 CLYDE BREWER, VICE-CHAIRMAN
 P. O. BOX 294
 ROUNDUP, MONTANA 59072
 ALLEN ZIMMERMAN
 490 D STREET
 POPLAR, MONTANA 59255
 WINSTON L. COX
 1925 GRAND AVENUE
 BILLINGS, MONTANA 59102
 E. G. BALSAM
 2300 PLARL
 MILES CITY, MONTANA 59301

January 31, 1968

ONTARIO, MONTANA 59004

RECEIVED

FEB 1 1968

87D
Hamm
Mossini
 2/1/68
 2/1/68
 2/5

Water Conservation Board
 Water Resources Engineer
 Sam W. Mitchell Building
 Helena, Montana 59601

Gentlemen:

Enclosed you will find two copies of a release agreement
 from Tiger Oil Company's well in Section 18, Township 7
 South, Range 55 East, transferring this well as a fresh
 water well to Charles Barbero, land owner.

Yours very truly,

Norman J. Beaudry
 Norman J. Beaudry
 Acting Executive Secretary

NJB:cm
 Enclosures

File No. 15 157

DUPLICATE

T. /S. R. 55.

County **Carter**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward J. Begner of Boyes
(Name of Appropriator) (Address) (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

19	20
21	

SW 1/4 Sec. 20-78-55E.
SE 1/4 SW 1/4 Sec. 30-78-55
SW 1/4 1/4 Sec. 19 T. 78 R. 55
NE 1/4 SW 1/4 Sec. 30-78-55E.
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

- | | | | |
|-----------------|-----------------|--|--|
| 19 ³ | 20 ¹ | | |
| | | | |
| X | | | |
| 30 | | | |
| X | | | |

SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20-78-55E.
SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30-78-55
NW $\frac{1}{4}$ Sec. 19 T 78 R 55
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

 - The beneficial use on which the claim is based
domestic, stock watering and irrigation
 - Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Oct. 22, 1959-continuous (2)
Sept. 4, 1947 - continuous
Oct. 13, 1960 - continuous
 - The amount of groundwater claimed (in miner's inches or gallons
per minute) 1 well-3 gal per min-flowing-SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 20
1 well-2 gal per min-NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 30 & 1 well- pump
1 well-6 gal " " -SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 19 SE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 30
 - If used for irrigation, give the acreage and description of the
lands to which water has been applied and name of the owner
thereof Garden irrigation
Edward J. Bogner
 - The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
1 flowing well
1 pump well
 - The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Sept. 4, 1947; October 22nd, 1959 (2 wells) Oct. 13, 1960
Sept. 4-well-385 feet; Oct. 22-153 feet; Oct. 22-399 feet;
 - The depth of water table Oct. 13, 1960- 522 feet;
 - So far as it may be available, the type, size and depth of each well or the general specifications of any
other works for the withdrawal of groundwater
Flowing wells-all two inch casing
pump well is four inch casing
 - The estimated amount of groundwater withdrawn each year normal flow shown above
 - The log of formations encountered in the drilling of each well if available
 - Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Date March 14, 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, or 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.

109776

Custer County Mont.
Filed for Record
at 1:30 P.M.

MAR 11 1932
Lay Hinkson
County Clerk
John A. Bismuth
Register

Fees \$2.00

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 Harold Drain

Address Boyes, Mont

Date well started 11-9-72

completed 11-13-72

Type of well drilled

Equipment used rotary

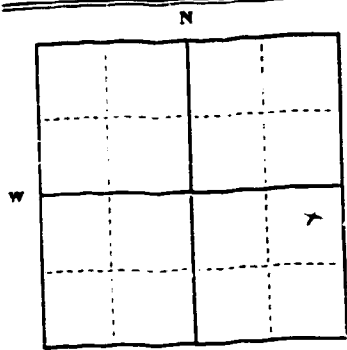
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 36,500 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	
				Kind Size	From (Feet) To (Feet)
3" 4"	10'	0	63		
4" 2 1/2" std.		63	170	4 1/2" slots	
2" std.		233	488		404 488



NE 1/4 Sec. 21
T. 7 S. N. 35 E.
(S) W

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

Driller's Signature Carl Drane

Driller's Address Boadus, Mont.

LICENSE NO.

County Carter 21

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	42
42	55
55	77
77	124
124	143
143	210
210	233
233	250
250	282
282	380
380	460
460	485
485	500

500 Show exact depth of bottom

52,038

134539

CARTER COUNTY
ETALAKA MONTANA
Filed for Record
at 1:30 PM

DEC 15 1972

James M. Brewster
County Clerk

Deputy

Fee \$2.00

6-2

23

File No. _____
Filed: _____ 19____
at _____, W.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

79 R 55E

Clerk and Recorder
Powder River County

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

OWNER Harold Draine Address Boyes, Montana

DRILLER Earl Drane Address Broadus, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started May 1964 Completed May 1964

Type of well drilled Equipment used rotary
(aug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling - si, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Top of Ground (Elev. above sea level) _____
0 53 sandy
53 100 shale
100 110 sandy
110 159 shale
159 235 sand & shale streaks
235 245 shale
245 246 rock
246 305 shale & sand streaks
305 335 sand
335 355 shale
355 357 rock
357 400 sand & shale streaks
400 410 shale
410 460 water from 5 gal. flow at surface level

Size of		Size & Weight		From To		PERFORATIONS		
Drilled	of	Casing	(feet)	(feet)	Kind	From	To	
hole					Size	(feet)	(feet)	
6"	4"	9#	0	54				
3 1/2"	2"	std.	0	460	1/2" slots	347	460	

Static Water Level for non-flowing well _____ feet.

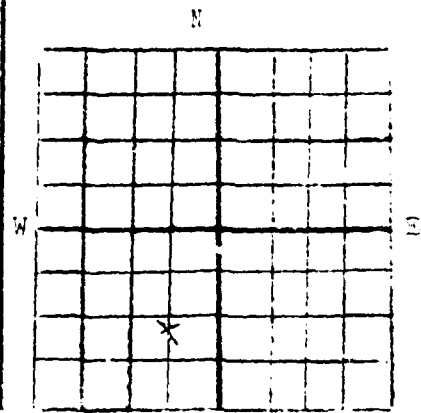
Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at _____ gal. per minute

Discharge in gal. per min. of flowing well 5

How Tested _____ Length of Test _____

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



SE 1/4 Sec 3 T.7S R. 55E

STATE OF MONTANA)
County of Carter)SS.

Harold Draine having first been duly sworn, depose and say that he is 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 is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

20
Driller's License Number _____
Earl Drane
Driller's Signature

Subscribed and sworn to before me, this 4th day of August, 1964

Jane M. Brewster,
Clerk & Recorder
By: Calvin M. Little Deputy

11-1390

Filed for Record
at 11:30 o'clock AM

AUG 4 1964

Jane M. Brewster
County Clerk
Cathy Stiles
Deputy

File No. 112110
Filed: July 19 1963
at 4:45 P. M.
John M. Brewster
Clerk and Recorder
Powder River County
Carter Co.
Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. J. S. R. 55F

RECEIVED
JUL 23 1963

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

0 Top of Ground
(Elev. above sea level)
15 sandy clay
40 yellow sand rock
42 rock
80 yellow sand rock
100 blue clay
130 blue sand rock
142 blue clay
190 water sand
209 sandy shale

OWNER Harold Drain Address Bozeman, Montana

DRILLER Earl Drain Address Bozeman, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started 7-12-63 Completed 7-13-63

Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

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

Size of Hole	Size of Casing	Weight of Casing (lb.)	From (feet)	To (feet)	PERFORATIONS	Kind and Size	Depth (feet)
5 7/8	4in.	9 lb.	0	209	slots	144	209

Static Water Level for non-flowing well _____ feet.

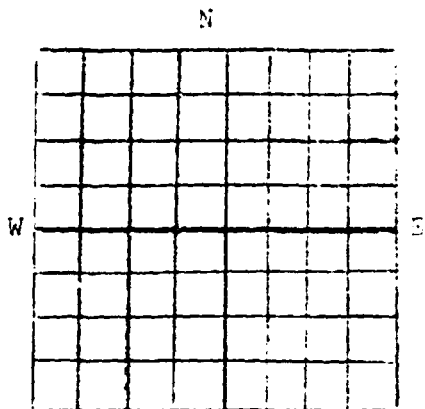
Shut-in Pressure for Flowing Well 130

Pumping Water Level 160 feet at 7 gal. per min.

Discharge in gal. per min. of Flowing well _____

How Tested pumping & bailing Length of Test 24 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any)



SESU 23 Sec. T. 7S R. 55F

STATE OF MONTANA)
County of Carter) ss.

Harold Drain having first been duly sworn, depose and say that he of lawful age and the the appropriator and claimant, that 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 the matters and things therein stated are true.

20
Driller's License Number
Earl Drain
Driller's Signature

Subscribed and sworn to before me, this _____ day of _____, 1963

File No. _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 1 S, Rge 55 E**RECEIVED**

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

1. J. A. ESPY, of Boyes, Montana, ASSISTANT
County of Powder River, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. 33	Sec. 32	Sec. 33	Sec. 31	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of	stock	stock	stock	stock		
2. Beneficial Use	water	water	water	water		
Date of use	1949	Sept. 1947	Oct. 1959	Mar. 9 1961		
3. How continuous	daily	daily	daily	daily		
4. Amount claimed	10 gal. per min.	4 gal. per min.	7 1/2 gal. per min.	10 gal. per min.		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location	NE, SE 1/4, 33	NE, SE 1/4, 32	NE, SW 1/4, 33	NE, NE 1/4, 31		
6. Withdrawal means	windmill	artesian	artesian	gas pump		
7. Completion date	App. date 1949	Sept. App. 1947	Oct. 1959	Mar. 9 1961		
8. Water depth table	40. ft			static level 9 1/2 ft.		
Type	drilled cased 4"	drilled cased 4"	drilled cased 2"	drilled cased 4"		
9. Size & depth	80 ft.	465 ft.	360 ft.	200 ft.		
Estimated annual	160,000	1,051,200	3,942,000	160,000		
10. Amount withdrawn						
11. Other information						
12. Log, if available	Not available	0-clay 15-sand 35-shale 55-wh rock 57-shale 113-rock 114-sand or shale to 505	0-soil 15-shale 63-sand 91-shale 145-rock 146-shale 180-water sand 212-shale 260-water sand 360 total depth	0-soil 38-shale 56-sand stone 113-shale 165-water sand 200-total depth		

STATE OF MONTANA
County of Powder River

Signature of Owner J. A. EspyDate June 27 1965

having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
day of June, 1965.

Clerk and Recorder
Powder River County
Broadus, Montana