GROUNDWATER INDEX

County BLAINE Twp. 32 NORTH Rge. 25 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
19	SIEMENS, JACOB & LAURA		251009	SAME FORM
30	" "		251009	
31	SIEMENS, JACOB & LAURA	GW-4	251008	

3 Approved Stock Form—State Publishing Co., Helena, Montana—41337 3

File No. ..... T. 32 R. 25

DUPLICATE County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 6 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

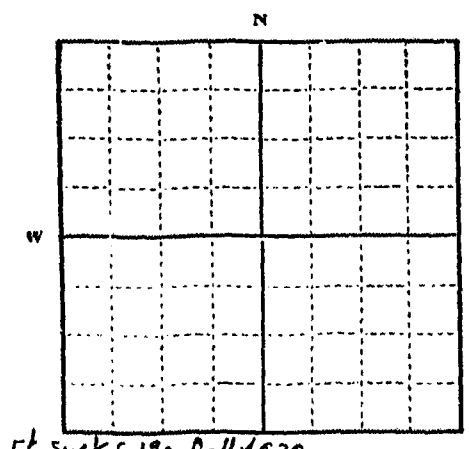
Owner Jacob + Sama Siemens Address Harlem, Montana

Contractor (if any) I work on them myself

Address of Contractor .....

Date Started 1941 Date Completed still going

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable natural springs
depth 466 ft.



E½ SW¼ S. 19 and all S. 30

..... ¼ ..... Sec. 30 T. 32 R. 25

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

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

Signature of Owner Joseph Siemens, Sama Siemens

Date Oct 18, 1963

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

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

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

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

6831

251009

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 5 DAY
OF November A. D. 1963
AT 3:00 O'CLOCK P M.

Cora L. Dougherty
COUNTY CLERK

DEPUTY

FEE 2.00

GW 4

Approved Stock Form—State Publishing Co., Helena, Montana—1338

File No.....

T. 32 R. 25

DUPLICATE

County Blaine

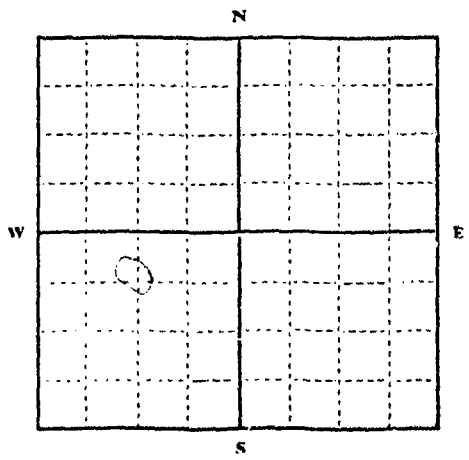
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 6 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



S½ ¼ NW¼ Sec. 31 T. 32 R. 25

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 house water and water for lawn & garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 the water is used every day.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 gals a minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn & garden. Jacob & Lana Siemens

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941

8. The depth of water table 25 ft.

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

10. The estimated amount of groundwater withdrawn each year We don't no. We use a lot of water.

11. The log of formations encountered in the drilling of each well if available, Dug wells. gravel.

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

Signature of Owner Jacob Siemens, Lana Siemens

Date Oct. 18, 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.

6830

25100 8

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 5 DAY
OF November A. D. 1963
AT 3:00 O'CLOCK P M.

Cora L. Muagrue
COUNTY CLERK

FEE 2.00 DEPUTY

GROUNDWATER INDEX

County BLAINE Twp. 31 NORTH Rge. 18 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
8	OLSON, FRED		251571	
19	RAMBERG, RAY C.		252034	
29	RAMBERG, RAY C.	GW-3	252035	
30	OLSON, HARRY W.		251572	
30	PAULSEN, HAROLD J.		252124	

GV

Approved Stock Form—State Publishing Co., Helena, Montana—4192

File No.

T 31 N R 18 E

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

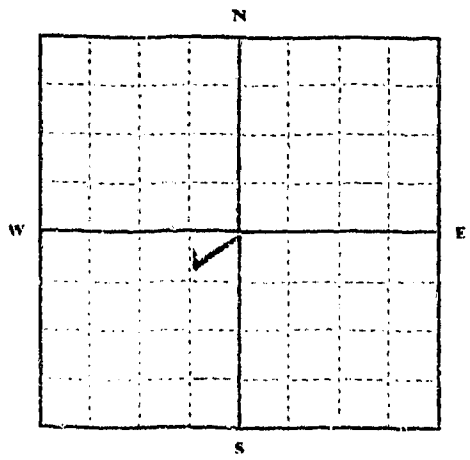
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRED OLSON (Name of Appropriator), of CHINOOK (Address) ~~MONTANA~~ CHINOOK (Town)

County of BLAINE State of MONTANA

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



NW ¼ Sec. 8 T. 31 R. 18

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 - [illegible]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been [illegible] since early spring

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 gallons per day - 1 gallon per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal [illegible] 18 E [illegible] 3-31-18

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well completed before 1953 - [illegible] spring [illegible] before 1943 - exact date not known

8. The depth of water table 3 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 [illegible] well [illegible] 1 [illegible] 1 [illegible] withdrawal from spring

10. The estimated amount of groundwater withdrawn each year 600 gallons estimated

11. The log of formations encountered in the drilling of each well if available [illegible] 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 Fred Olson

Date Dec 8, 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.

35.23

251571

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 9 DAY
OF December A. D. 1963
AT 2:00 O'CLOCK P M.
Ora L. Musgrove
COUNTY CLERK

FEE 2.00 DEPUTY

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687 3

File No. R

T. 31 R. 18

DUPLICATE

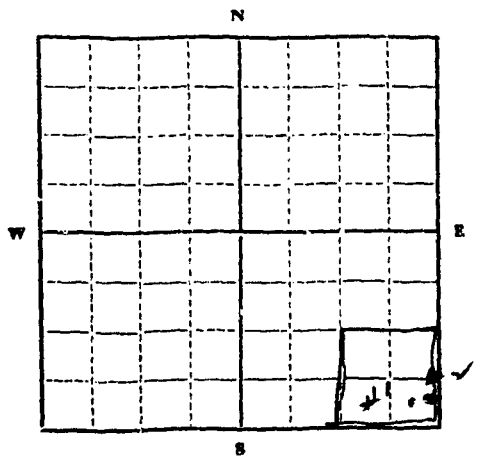
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE ¼ SE Sec. 19 T. 31 R. 18

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 for House, lawn, garden and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1 1905 Continuous during season
#2 - 1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 15 gal. per minute
#2 - 10 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
One acre SE ¼ SE Sec 19 T31 R18

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump on well located in SE¼SE¼ of Section 19 - T31 R18

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 12, 1905 to Oct 20, 1905

8. The depth of water table #1 12 ft. #2 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
Dug, 6 ft. diameter, 25 ft. deep
Centrifugal pressure pump

10. The estimated amount of groundwater withdrawn each year 75,000

11. The log of formations encountered in the drilling of each well if available Sandy loam, sand, gravel and clay

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

Signature of Owner Ray C. Ramberg
Date Dec. 30, 1963

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

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

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

21877

252034

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 2:55 O'CLOCK P M.

Cora L. Mangan
COUNTY CLERK

Esther Sheets
DEPUTY

FEE $2.00

GW 3

File No.....

T. 31 R. 18

DUPLICATE

County Blaine

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

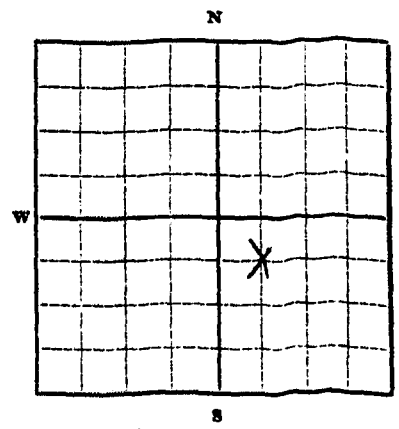
Date of Appropriation of Groundwater Sept. 1906

Owner Ray C. Ramberg Address Chinook, Mont.

Contractor (if any) none

Address of Contractor .....

Date Started 9-1-06 Date Completed 9-8-06



NW¼SE¼ Sec 29 T31 R18

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring in NW¼ SW¼ of Section 29 T31N R18 used for stockwater continuously since September 1906. Water withdrawn by natural flow amount of groundwater claimed - 5 gal per min. Depth not known

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use Spring is boxed - water fed by 1½ in. pipe into tank 5 gal. per min. claimed This water is filed as a declaration for a vested water right

Signature of Owner Ray C. Ramberg

Date Dec 30 1963

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

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

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

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

21878

252035

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 3. DAY
OF December A. D. 1965
AT 2:55 O'CLOCK P. M.

Ann L. Mangone
COUNTY CLERK

Esther Sheets
DEPUTY

FEE 2.00

G1

Approved Stock Form—State Publishing Co., Helena, Montana—41921 ed 3

30

File No.

T. 21 N R. 18 E

DUPLICATE

County Blaine

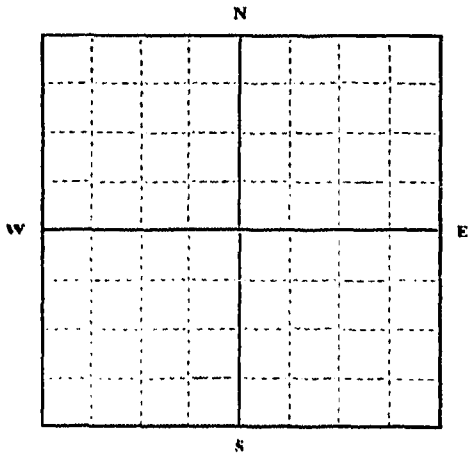
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. HARRY W OLSON (Name of Appropriator), of (Address) CHINOOK (Town)
County of BLAINE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... ¼ ..... Sec. ..... T. ..... R. .....

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

2. The beneficial use on which the claim is based Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1933 - continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal hand pump, pump jack - NE ¼ of Section 30, Twp 21 N R 18 E M M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known - prior to 1953

8. The depth of water table app. 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater windmill & hand pump through 2" pipe depth app 20 feet

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

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

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

Signature of Owner Harry W. Olson
Date December 9, 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.

8524

251574

STATE OF MONTANA}
County of Blaine }

FILED FOR RECORD THIS 9 DAY
OF Dec A. D. 19 63
AT 2:55 O'CLOCK P M,

Ora L. Mengnor
COUNTY CLERK

Esther Sheets
DEPUTY

FEE 2.00

GW

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

File No.....

P

T. 31 R. 18

DUPLICATE

County Blaine

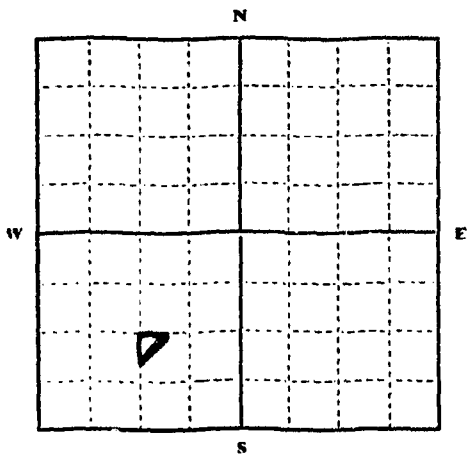
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold J. Paulsen, of Clear Creek Route Chinook
(Name of Appropriator) (Address) (Town)

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



SE ¼ SW Sec. 30 T. 31 R. 18

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 - surrounding vegetation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July - 1949 - continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 Beginning at the N.W. corner of SE ¼ SW ¼ 30-31-18 thence south 459.0 ft. thence south 49 deg. 42 min. east 709.66 ft., thence west 541.24 ft. to place of beginning and ending an area of 2.85 acres. Harold & Flora Paulsen

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1949

8. The depth of water table approx. 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well - 4'x4' 25' deep

10. The estimated amount of groundwater withdrawn each year 75,000 gal.

11. The log of formations encountered in the drilling of each well if available hand dug - 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 none

Signature of Owner Harold J. Paulsen
Flora M. Paulsen
Date December 27, 1963

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

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

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

21963

252124

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 3:10 O'CLOCK P. M.

Cora L. Musgrave
COUNTY CLERK

Esther Shea
DEPUTY

Fee 2.00

GROUNDWATER INDEX

County BLAINE Twp. 31 NORTH Rge. 19 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	TEXACO, INC.	GW-4	248076	
1	DAHL, EDWARD	WELL LOG		
6	REDEKOP, JOHN		251998	
7	VOGHT, JOHN W.	WELL LOG		
8	WILLIAMSON, ED	WELL LOG		
13	RASMUSSEN, LOREN	GW-4	251939	
13	WARBURTON, LESTER		251824	
21	S-B RANCH CO.	GW-2	269708	
24	S-B RANCH CO.	GW-2	269707	
25	S-B RANCH CO.	GW-2	272288	
32	S-B RANCH CO.	GW-2	254067	
32	S-B RANCH CO.	GW-2	254065	
32	S-B RANCH	GW-3	252092	SAME FORM
32	" "	GW-3	252092	
32	S-B RANCH		252093	SAME FORM
33	" "		252093	
33	SPRINKLE CO.	GW-2	247844	
33	S-B RANCH CO.	GW-2	254066	
36	S-B RANCH		252091	SAME FORM
36	" "		252091	

GW

File No.

DUPLICATE

T 31N R 19E

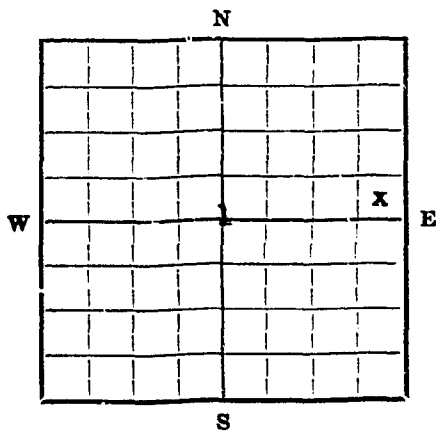
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. TEXACO Inc., of 1236 North 28th St., 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:



SE-SE-NE ¼ Sec. 1 T 31N R 19E

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

2. The beneficial use on which the claim is based domestic use at Bowes Field Office.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 2-26-54 to present date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 26 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 Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Impeller type down hole pump w/elec. motor and automatic controls as surface equipment.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 11-6-53; completed 2-26-54.

8. The depth of water table 55 ft. (from surface)

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well drilled to depth of 110' GL. Completed with 110' of 7" OD casing and perforated 90-100' GL with 1/8" slots.

10. The estimated amount of groundwater withdrawn each year 11,000 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

Signature of Owner Texaco Inc By W. K. Hersh

Date 1/24/63

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.

NO. 248076

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 5 DAY
OF February A. D. 1963
AT 8.30 O'CLOCK A M.

Cora L. Musgrove
COUNTY CLERK

A.H. Dorn
DEPUTY

FEE 2.00 paid

T. 31 R. 19

County Silver Bow

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner [illegible] Address Butte, Mont.

Driller [illegible] Address 1609 Maple Ave. Helena, Mont

Date Started Feb 17 1961 Date Completed Feb 22 1961

Location: Sec. 1 T. 31 R. 19 ¼ sec. NE ¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 100 ft. Type Tempering Size 6 in.

Casing: 100 ft. to 120 ft. Type Tempering Size 4 in.

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 90 to ft. 120 Ft. to ft.

Type of screen or perforations drilled holes

Static Water level, for non-flowing well: 50 feet.

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

Pumping water level 85 feet at 10 gal. per min.

How tested: pumped and bailed

Length of test 2 hrs

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

Rubber packer at 90 ft.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	1	top soil
1	19	brown clay
19	60	blue clay
60	81	brown clay
81	90	blue shale
90	120	sandstone

File No.....
DUPLICATE

T.31.N., R.19.E.M.P.....

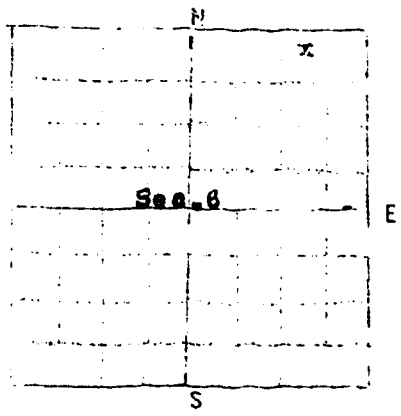
County.....Blaine.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

..John Radekop....., of...Chinook.....
(Name of Appropriator) (Address) (Town)

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



..NW NE Sec.6..T.31.R.19.E.M.P.
dicate point of appropriation
d place of use, if possible.
ch small square represents 5
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.....
...1953..continuous use.....
.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute)..capacity unknown..Has never been pumped dry at 10 gal. per minute.....

5. If used for irrigation, give the acreage and descriptio 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 an the location of each well or other means of withdrawal
..In NW¼NE¼ Sec.6, Twp.31.N., Rge.19.E.M.P.....
..Use lift pump with electric motor.....

. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.1953.....
.....

. The depth of water table..88 ft.....

. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
.....
.....Well is 300 ft.deep.....
.....
.....

. The estimated amount of groundwater withdrawn each year..160,000 gal.per year...

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

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

Signature of Owner John Radekop

ATE OF MONTANA)
unty of Blaine.....) ss.

Date..December 30,.1963.....

.....John Radekop..... having first been duly sworn, deposes and says that ..he is.of lawful age and.....the appropriator... and claimant... of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person... whose name 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.

21841

.....

251998

STATE OF MONTANA
County of Blaine

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

DEPUTY

FEE 2.00

T. 31 R. 19

County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

Owner: John H. Vogit Address: Chinook Montana

Driller: Simpson Drilling Co. Address: 1609 Maple Drive, Havre Montana

Date Started: Feb. 28 1961 Date Completed: March 2 1961

Location: Sec. 7 T. 31 R. 19 ¼ sec. NE-SE-SE

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

Water use: Domestic [ ] Municipal [ ] Stock [x] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 60 ft. Type S.C. Size 6"

Casing: 59 ft. to 88 ft. Type Slip Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 60 to ft. 88 Ft. to ft.

Type of screen or perforations 3/16 holes

Static Water level, for non-flowing well: 40 feet.

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

Pumping water level 45 feet at 25 gal. per min.

How tested: Bailed

Length of test 2 Hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	top soil
1	36	Brown clay
36	50	Hard Pan
50	59	Yellow clay
59	88	Blue sandstone

RECEIVED
FEB 16 1959
STATE ENGINEER

T. 31 R. 19
County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Ed Williamson Address Chinook

Driller R C Simpson Address Malta

Date Started 13 Jan Date Completed 13 Jan

Location: Sec. 8 T. 31 R. 19 ¼ sec. S.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 28 ft. Type Steel Size 4½" O.D.

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: 16 feet.

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

Pumping water level 20 feet at 15 gal. per min.

How tested: Bailer

Length of test 1½ hr.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
		well drilled second years previous with diamond drill rig well produced only water. Settled all csg + run new + cleaned out to original bottom 15 g.p.m. at 50 ft.

#233[illegible]

STATE OF MONTANA
County of [illegible]

THIS NOTE AND COPY THIS 13 DAY
[illegible] 59

[illegible] PAY
[illegible]

[illegible]

Fee 50 paid

GW 4

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

File No.

T. 31 R. 19

DUPLICATE

County Blaine

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

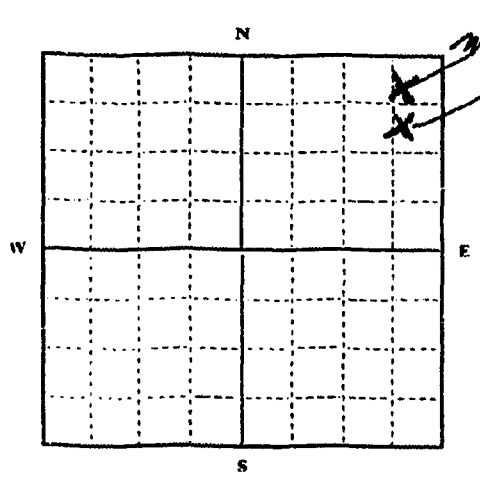
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Loren Rasmussen, of Chinook
(Name of Appropriator) (Address) (Town)

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



SENE ¼ Sec. 13 T. 31 R. 19

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 livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Bought place in 1943 Had well there. used for livestock. well No. 1. well No. 2 1948 Household.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 90 gal per min
No. 2 140 gal per min

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
no.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well No. 1 not known exact date but around 1922. well No. 2 / 1948

8. The depth of water table well No. 1. 30 ft. No. 2 40 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 well No. 1. 140 ft deep 6 in hole. well No. 2 139 ft deep 4 in hole. both wells were drilled.

10. The estimated amount of groundwater withdrawn each year Well No. 1. 36000 / 150,000 gal No. 2.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Loren Rasmussen

Date Dec 27, 1963

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

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

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

21791

251939

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 27 DAY
OF December A. D. 1963
AT 11:25 O'CLOCK a M,
Cora L. Musgrove
COUNTY CLERK

DEPUTY

FEE 2.00

G[redacted]

File No.....

T. 31 R. 19

DUPLICATE

County Blaine

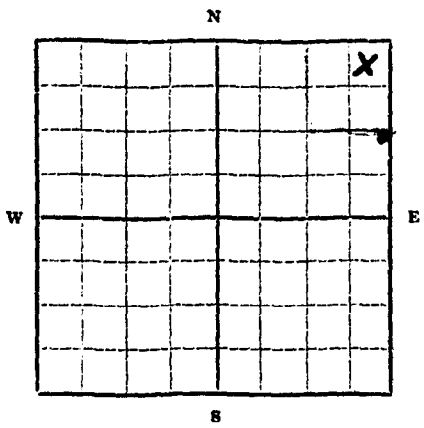
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE¼ NE Sec. 13 T 31 R 19

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 and home

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 – 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ✓ None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well – one well barn and one well in house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One well was started + completed in 1916 The other well was started + completed in June 1946

8. The depth of water table 135 feet and 120 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 both wells had 6" galvanized Casing and were drilled

10. The estimated amount of groundwater withdrawn each year probably 150 gal per day from each.

11. The log of formations encountered in the drilling of each well if available Drilled in the Judith River formation

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Lester Warburton

Date 12-18-63

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

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

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

251824

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 19 DAY
OF December A. D. 1963
AT 2:00 O'CLOCK P M.

Cora L. Musgrove
COUNTY CLERK

DEPUTY

FEE 2.00

GW 2 Revised 1969
13—3M—10 69

County [illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 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 [illegible]
Address [illegible]

Date well started [illegible]
completed [illegible]

For Administrator's Use
File 269708
August 15, 1972 10:54 a.m.
GW 1

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

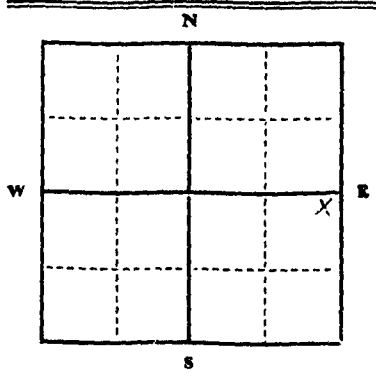
Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
[illegible]	[illegible]	[illegible]	[illegible]			
	[illegible]			[illegible]	30	35
					50	60



NE ¼ SE ¼ Sec. 21
T. 31 [✓ N] S R. 19 [✓ E] W

Static water level 8 ft.*
Pumping water level 60 ft.*
at [illegible] gallons per minute,
measured [illegible] minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for — hours.
Power — Pump — HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

RJB

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

Driller's Signature [illegible]
Driller's Address [illegible]
LICENSE NO. 1

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
[illegible]	[illegible]	[illegible]
[illegible]	5	[illegible]
5	12	Gravel
[illegible]	[illegible]	[illegible] shale
[illegible]	[illegible]	[illegible] shale
	30	[illegible] shale with
		[illegible] of water
30	35	Gray shale
35	50	Brown shale
50	55	Gray sandstone and water (7 g.p.m.)
55	60	Brown shale
	[illegible]	bottom

Show exact depth of bottom

51,186

3 GW 2 Revised 1969
13—3M—10/69

County Choteau 21

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 L-B Ranch Co

Address Choteau Mt

Date well started 3-6-72

completed 3-8-72

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

Equipment used churn drill
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

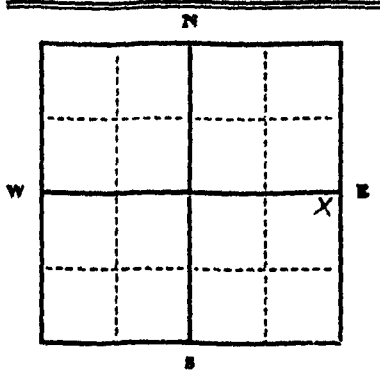
*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

For Administrator's Use
File 869708
August 15, 1972 10:54 a.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8	6 5/8 x 13	0	21			
6	5 3/16 x 13			1/4 x 2	30	35
					50	60



NE ¼ SE ¼ Sec. 21
T. 31 N R. 19 E
S W

Static water level 8 ft.*
Pumping water level 60 ft.*
at 17 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 2 hours.
Power — Pump — HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

R.J.B.

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

Driller's Signature Lyle Wachsler

Driller's Address Choteau

LICENSE NO. 31

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	1½	top soil
1½	5	subsoil
5	12	gravel
12	20	lt brown shale
20	30	dark brown shale
	30	brown shale with 10 g.p.m. of water
30	35	gray shale
35	50	brown shale
50	55	gray sandstone and water (7 g.p.m.)
55	60	brown shale
	60	bottom

Show exact depth of bottom

51,186

269708

STATE OF MONTANA }
County of Blaine }

Filed for record this 15 Day
of August A. D. 19 72
At 10:54 O'Clock A M.

County Clerk

Deputy

Fee 2.00

GW 2 Revised 1969
13—3M—10 69

County.....

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 .....

Address .....

.....

Date well started .....

completed .....

For Administrator's Use
File 269707
August 15, 1972 10:53 a.m.
GW 1

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

Equipment used .....
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

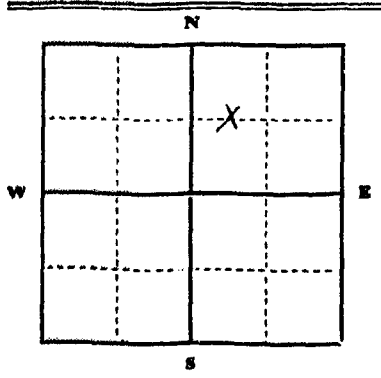
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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). .....

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]



SW ¼ NE ¼ Sec. 24
T. 31 (N) R. 19 (E)
S W

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..... 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. 51

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	1	topsoil
1	12	gravel
12	20	sandstone & water
20	25	shale & gravel sandstone & water
	26	water

_____ Show exact depth of bottom

51,187

3 GW 2 Revised 1969
13—3M—10/69

County 24

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 [illegible]

Address [illegible]

Date well started [illegible]

completed [illegible]

Type of well [illegible] (Dug, driven, bored or drilled)

Equipment used [illegible] (Churn drill, rotary or other)

For Administrator's Use
File 269707
August 15, 1972 10:53 am
GW 1

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

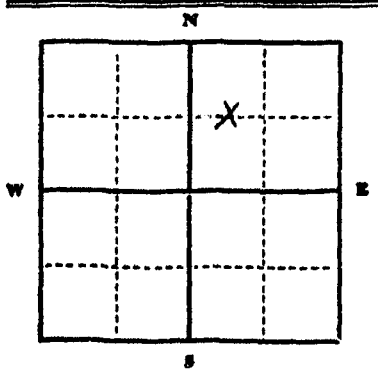
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 7/8	5 5/8 x 3	0	21			
6"	5 5/8 x 16	15	75	1/4 x 3	30	75



SW ¼ NE ¼ Sec. 24
T. 31 (N) (S) R. 19 (E) (W)

Static water level [illegible] ft.*
Pumping water level 30 ft.*
at 20 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by [illegible]
for [illegible] hours.
Power [illegible] Pump [illegible] HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

R.J.D.

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

Driller's Signature [illegible]

Driller's Address [illegible]

..... LICENSE NO. 31

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	1	topsoil
1	12	gravel
12	40	sandstone & water
40	75	almost topsoil sandstone, water [illegible]
	75	bottom

_____ Show exact depth of bottom

51,187

269707

STATE OF MONTANA }
County of Blaine }

Filed for record this 15 Day
of August A. D. 19 72
At 10:53 A M.

County Clerk
Lucille L Schmeltz
Deputy

Fee 2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County [illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 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 [illegible]

Address [illegible]

Date well started [illegible]

completed [illegible]

Type of well [illegible] (Dug, driven, bored or drilled)

Equipment used [illegible] (Churn drill, rotary or other)

For Administrator's Use
File [illegible]
[illegible]
GW 1 [illegible]

Water Use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

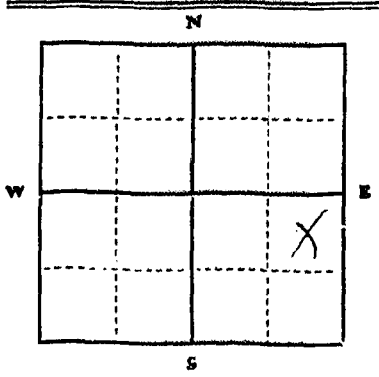
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		



NE ¼ SE ¼ Sec. 25
T. 31 N/S R. 19 E/W

Static water level 0 ft.*
Pumping water level — ft.*
at ..... gallons per minute,
measured ..... minutes after pumping began. Well flows [illegible]
*Measured from ground level.
Well developed by .....
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 [illegible]

Driller's Address [illegible]

..... LICENSE NO. [illegible]

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)	
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]

_____ Show exact depth of bottom

54868

#272288

STATE OF MONTANA
County of Blaine

Filed for record this 29 Day
of June A. D. 19 73
At 8:50 O'Clock A M.

County Clerk
Deputy

Fee 2.00

GW 2

File No.....

DUPLICATE

Approved Stock Form State Publishing Co., Helena, Montana—38496 3

RECEIVED SEP 2 1964 STATE ENGINEER

T. 31 N R. 19 E 32

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Well #6

RECEIVED JUL 17 1964 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner L. B. Ranch Co. Address Chinook

Driller Lester Warburton Address "

Date of Notice of Appropriation of Groundwater 1-1-64

Date well started 4-19-64 Date Completed 4-20-64

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

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

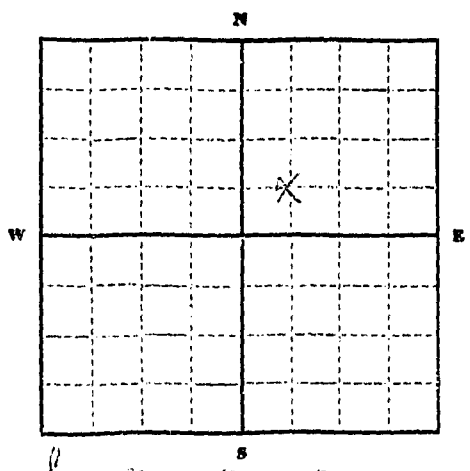
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8" X 13#	1	0			
6 5/8"	6 5/8" X 13#	0	67	None		

Top of Ground

(Elev. above sea level.....)

0	
6	topsoil
10	sand & gravel
40	shale
45	sand
65	quicksand & gravel
67	gravel & water
67	bottom



1/4 NE Sec. 32 T. 31 R. 19

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 0 feet.

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

Pumping Water Level 35 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well ✓

How Tested pump Length of Test 20 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) About 5 feet of natural gravel pack

31
Driller's License Number

Lester Warburton
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.

38295

254067

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 15 DAY
OF July A. D. 1964
AT 4:12 O'CLOCK P M.

Clara L. Mungaven
COUNTY CLERK

DEPUTY

FEE 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—38496 3

File No.....

DUPLICATE

RECEIVED SEP 2 1964 STATE ENGINEER

RECEIVED JUL 17 1964 STATE ENGINEER

T. 31 N R. 19 E 32

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner L. B. Ranch Co. Address Chinook

Driller Lester Warkentin Address

Date of Notice of Appropriation of Groundwater 1-1-64

Date well started 4-17-64 Date Completed 4-18-64

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

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.

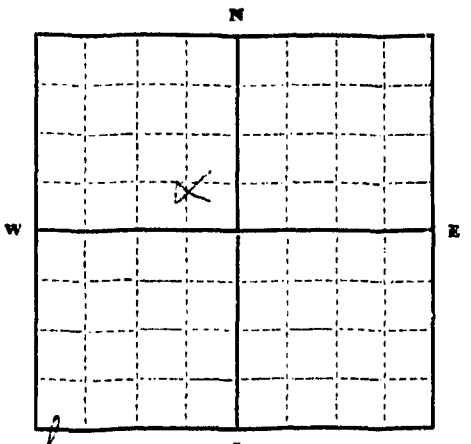
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8" X 13#	2	0			
6 5/8"	6 5/8" X 13#	0	46			
5 1/8"	5 1/8" X 15#	45	70	1/4" X 2"	65	70

Top of Ground

(Elev. above sea level.....)

0	
15	soft shale
25	quicksand
70	soft shale
72	gravel & water
72	bottom

Show exact depth of bottom.



SE 1/4 NW Sec. 32 T. 31 R. 19

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

Static Water Level for non-flowing Well ✓ feet.

Shut-in Pressure for Flowing Well flows at 10 gal. per min.

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

Discharge in gal. per min. of flowing well 10 gal. per min.

How Tested bucket Length of Test 10 min. gl. dates

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) chart

3 feet of natural gravel pack

31
Driller's License Number

Lester Warkentin
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.

38293

254065

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 15 DAY
OF July A. D. 1964
AT 4:10 O'CLOCK P M.
Cara L. Musgrove
COUNTY CLERK

FEE 2.00

DEPUTY

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.....

T. 31 R. 19

32

DUPLICATE

County. Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

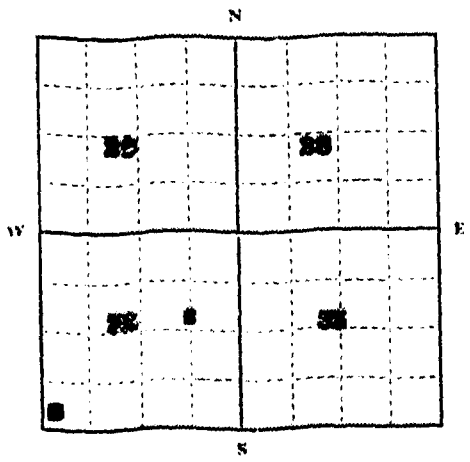
Owner. S. Bar B Ranch ..... Address. Chinook, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date Completed.....

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



SE ..... ¼ ¼ ¼ Sec. ..... Twp. ..... Rge. .....
Indicate place of Appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. No water actually developed. Normal natural flow completely and continuously utilized.

Signature of Owner. S. Bar B Ranch

Date Dec. 31, 1965 Pres

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

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

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

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

21933

252092

STATE OF MONTANA)
County of Blaine)

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 11:50 O'CLOCK A M.

Cara L. Musgrove
COUNTY CLERK

DEPUTY

FEE 2.00

GW

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

File No.....

T 31 R 19

DUPLICATE

County Blaine

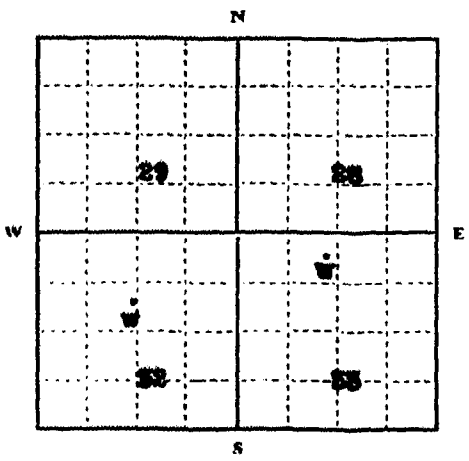
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. S Bar B Ranch, of Chinook, Chinook
(Name of Appropriator) (Address) (Town)

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



SE ¼ of ¼ Sec 32 T 31 R 19
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 is stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 and have been used continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons per minute in each well

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
By use of electric pump at both wells

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946 commencement, 1946 completion

8. The depth of water table 100 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater So of NW Sec 32 T. 31 R. 19 well is a drilled 4 inch to 125 feet depth. Well located in NE¼ of NW¼ S. 33 T. 31 R. 19 is a drilled well with 4 inch casing and drilled to a depth of 100 feet.

10. The estimated amount of groundwater withdrawn each year 2,160,000 gallons
~~2,160,000 gallons~~

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

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

Signature of Owner S Bar-B RANCH

Date [illegible]

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.

21934

252093

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 19 63
AT 11:55 O'CLOCK a M.

Cara L. Musgrove
COUNTY CLERK

DEPUTY

FEE 2.00

GW 2

File No. .....

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

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Sprinkle Co. Address Deerlodge Mont

Driller Western Drilling Address Deerlodge Mont

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

Date well started 10/25/62 Date Completed 10/30/62

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

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

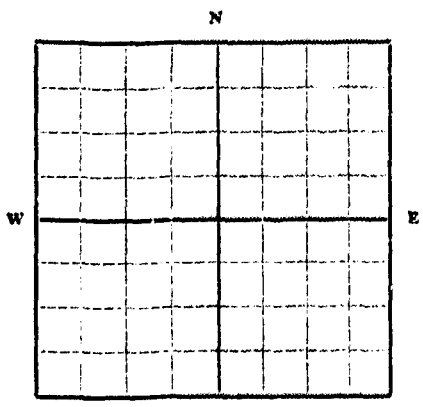
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

0 Top of Ground

(Elev. above sea level .....)

10 soil + topsoil
15 sand
20 sand
25 quicksand
40 soft brown shale
55 soft blue shale
65 soft brown shale
67 quicksand
68 gravel + water
68 bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	6 5/8" X 13#	+2	0	none		
7"	6 5/8 X 13#	0	66	none		



NE¼NE Sec. 33 T. 31 R. 19

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

Static Water Level for non-flowing Well 30 feet.

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

Pumping Water Level 66 feet at 8 gal. per minute.

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

How Tested Bailer Length of Test 2 hours

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) welded type drive shoe used on bottom of casing

Show exact depth of bottom.

31
Driller's License Number

Lester Warburton
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 School of Mines and Quadruplicate for the Appropriator.

#247844

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 7 DAY
OF January A. D. 19 63
AT 3.00 O'CLOCK P M.

Cora L.Musgrove
COUNTY CLERK

A.H.Dorn
DEPUTY

FEE $2.00

GW 2

File No.....

DUPLICATE

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

RECEIVED SEP 2 1964 STATE ENGINEER

T. 3 N R. 16 E

County

RECEIVED JUL 17 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0	Top of Ground
	(Elev. above sea level.....)
40	sand & gravel
65	soft shale
70	gray shale
72	gravel & water
72	bottom

Show exact depth of bottom.

Owner S-B Ranch Co Address Chinook

Driller Lester Warburton Address "

Date of Notice of Appropriation of Groundwater 1-1-64

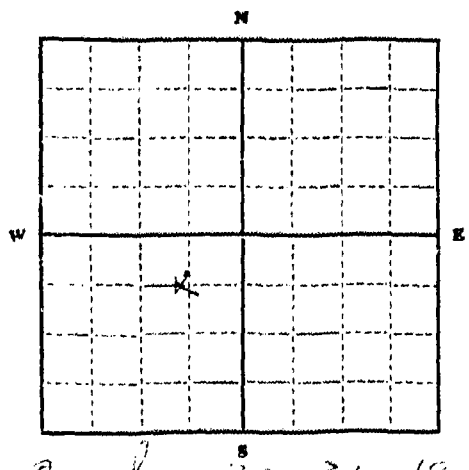
Date well started 4-15-64 Date Completed 4-16-64

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 5/8"	6 5/8" X 13 1/4	1	0	None		
6 5/8"	6 5/8" X 13 1/4	0	72			



NE 1/4 Sec. 33 T. 31 R. 19

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

Static Water Level for non-flowing Well 20 feet.

Shut-in Pressure for Flowing Well ✓

Pumping Water Level 50 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well ✓

How Tested bailer Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, 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) about eight feet of gravel used as gravel pack

31
Driller's License Number

Lester Warburton
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.

38294

254066

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 15 DAY
OF July A. D. 1964
AT 4:11 O'CLOCK P M.

Cora L. Thompson
COUNTY CLERK

DEPUTY

BK 202

GW

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

File No. .....

T. 31 R. 19

DUPLICATE

County Blaine

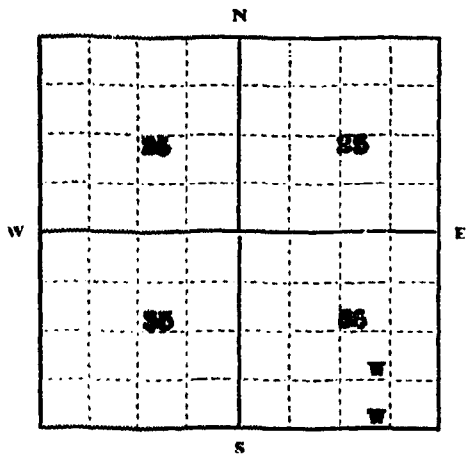
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. S Bar B Ranch, of Chinook (Address) Chinook (Town)
(Name of Appropriator)

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



NW ¼ SE Sec. 25 T. 31 R. 19
SW ¼ SE Sec. 36 T. 31 R. 19
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based House use and stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 14 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per minute each well

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 for irrigation

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 Commencement 1946 Completion 1946

8. The depth of water table 100 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" casing

Well in NW ¼ SE ¼ Sec 36 31 19 drilled to depth of 110 feet
Well in SW ¼ SE ¼ Sec 36 T 31 R 19 drilled to depth of 80 feet.

10. The estimated amount of groundwater withdrawn each year 250,000 gal. minimum

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

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

Signature of Owner S Bar B Ranch
Wm A Davies Pres
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 and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

21932

252091

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 11:50 O'CLOCK A.M.
Cara L. Musgrove
COUNTY CLERK

DEPUTY

FEE 100

GROUNDWATER INDEX

County BLAINE Twp. 31 NORTH Rge. 26 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	WILLMAN, WAYNE & GARLAND	WELL LOG		
3	WILLMAN, WAYNE		252122	
6	DAHL, ANNA H.		251654	
7	HOGT, CAROLYN		249647	
9	TILLEMAN, CHARLES		252085	
17	TILLEMAN, HENRY	GW-2	247147	
17	TILLEMAN, CHARLES	WELL LOG		
18	RASMUSSEN, LOREN & ORVILL	GW-4	251940	
20	BARGER, W. S.	WELL LOG	272333	
20	TILLEMAN, HENRY	GW-2	271129	
20	GRUSZIE, CLIFFORD	GW-3	272346	
24	BARGER, W. S.	WELL LOG	272332	
26	HALSETH, HENRY	WELL LOG		
27	TILLEMAN, CHARLES	GW-2	252086	
28	CONRAD, JEROME	WELL LOG		
	S-B	GW-2	259145	
	S-B	GW-2	259145	

T. 31 R. 20 3

County

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner [illegible] Address [illegible]

Driller [illegible] Address [illegible]

Date Started [illegible] Date Completed [illegible]

Location: Sec. 3 T. 31 R. 20 ¼ sec. NW¼ NW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to [illegible] ft. Type [illegible] Size [illegible]

Casing: [illegible] ft. to [illegible] ft. Type [illegible] Size [illegible]

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. [illegible] to ft. [illegible] Ft. to ft.

Type of screen or perforations [illegible]

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

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

Pumping water level 385 feet at gal. per min.

How tested: [illegible]

Length of test [illegible]

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

(over)

T. 31 R. 20 3

County [illegible]

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Wayne + Darlene Williams Address: Conrad Mont

Driller: Warbinton Drilling Address: Conrad Mont

Date Started: 8/6/61 Date Completed: 8/24/61

Location: Sec. 3 T. 31 R. 20 ¼ sec. NW¼ NW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 292 ft. Type 150# Atlas Size 6 5/8"

Casing: 261 ft. to 375 ft. Type 15# Atlas Size 5"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 345 to ft. 375 Ft. to ft.

Type of screen or perforations 7" x 1½" slot [illegible] cutting tool

Static Water level, for non-flowing well: 280 feet.

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

Pumping water level 385 feet at 10 gal. per min.

How tested: bailer

Length of test 2 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	[illegible]
15	40	sandstone
40	[illegible]	~~[illegible]~~ quicksand
55	65	blue shale
65	70	sand & water
70	75	sandy shale
75	100	sandstone and bad water
100	125	shale
125	[illegible]	gray sandstone
[illegible]	[illegible]	sandy shale
140	[illegible]	gray sandstone
[illegible]	175	gray shale
175	[illegible]	gray sandstone
[illegible]	[illegible]	[illegible] shale
[illegible]	[illegible]	gray shale
[illegible]	[illegible]	blue shale
210	[illegible]	gray sandstone
[illegible]	[illegible]	lite sandy shale
[illegible]	[illegible]	blue shale
		gray sandstone
[illegible]	[illegible]	gray sandstone
	[illegible]	gray sandstone & water
[illegible]		bottom

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	15	topsoil & subsoil
15	45	sandstone
45	55	~~[illegible]~~ quicksand
55	65	blue shale
65	70	bad water
70	95	sandy shale
95	100	sandstone and bad water
100	125	shale
125	135	gray sandstone
135	140	sandy shale
140	165	gray sandstone
165	175	gray shale
175	180	gray sandstone
180	185	coal shale
185	250	gray shale
250	270	blue shale
270	275	gray sandstone
275	290	white sandy shale
290	300	blue shale
300	320	gray sandstone
320	345	gray sandstone
345	[illegible]	gray sandstone and water
345		bottom

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3900

File No. .....

T. 21 R. 20

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Warren Wilkman Address Chinook

By Hesline Wilkman

Driller Lester Warburton Address Chinook

Date of Notice of Appropriation of Groundwater 9-1-63

Date well started 9/23/63 Date Completed 9/27/63

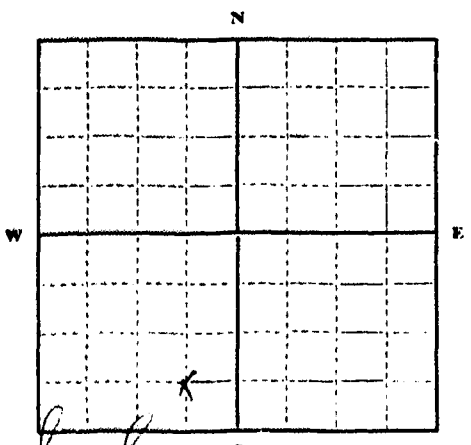
Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn Drill (Churn, drill, rotary or other)

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.

Top of Ground (Elev. above sea level .....)	
0	
2	topsoil
20	gravel + boulders
120	dark gray shale
135	brown sandstone
145	dark gray shale
148	water + sand
148	bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 1/2"	6 5/8 O.D 6 1/4" I.D	0	148	None		



NE ¼ NW ¼ Sec. 3 T. 31 R. 20

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 17 feet.

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

Pumping Water Level 140 feet at 40 gal. per minute.

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

How Tested bailer Length of Test 1 1/2 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) Rubber inner tube packer used at 120 ft. Well was gravel packed at bottom of hole with 5 feet of medium gravel.

31
Driller's License Number

Lester Warburton
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.

21969

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STATE OF MONTANA }
County of Blaine }

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 4:51 O'CLOCK P. M.

Cora L. Mangus
COUNTY CLERK

Esther Shaw
DEPUTY

FEE 3.00