

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

Jan 13 1963
Jane M. Brewster
Calley M. Steg
Clerk

File No. 113042

DUPLICATE

T. S. R. 56. 8
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

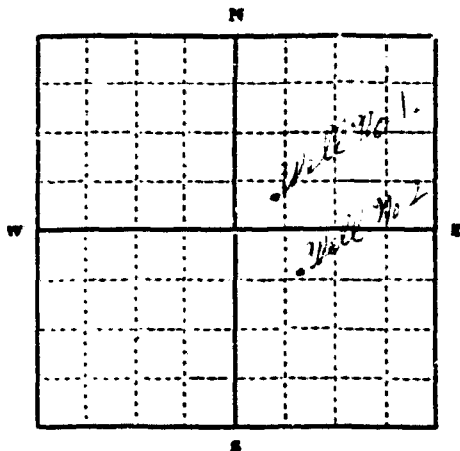
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Gerald Craft, 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:



1/4 Sec. 14, T. 1 S., R. 56 E.

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: Well No. 1, Stock water, also lawn, trees & flowers at house.
- Date or approximate date of earliest beneficial use; and how continuous the use has been: Well No. 1, Oct 29, 1957, continuous thereafter.
Well No. 2, Oct 29, 1958, continuous thereafter.
- The amount of groundwater claimed (in miner's inches or gallons per minute): Well No. 1, 8 gallons per minute.
Well No. 2, 5 gallons per minute.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Well No. 1, not applicable.
Well No. 2, not applicable.

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well No. 1, Electric motor & pump Jack, S. W. 1/4 of the S. E. 1/4 of T. 14 S., R. 56 E., Sec. 14.
Well No. 2, Electric motor & pump Jack, N. W. 1/4 of the S. E. 1/4 of T. 14 S., R. 56 E., Sec. 14.

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well No. 1, Oct 29, 1957.
Well No. 2, Oct 29, 1958.

- The depth of water table: Well No. 1, 35 ft.
Well No. 2, 30 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 No. 1, 90 ft. of 4 inch black pipe, steel.
Well No. 2, 72 ft. of 4 inch black pipe, steel.

- The estimated amount of groundwater withdrawn each year: Well No. 1, 56,000 gallons.
Well No. 2, 42,000 gallons.

- The log of formations encountered in the drilling of each well if available: Well No. 1, not available.
Well No. 2, not available.

- Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to book and page of any county record: Well No. 1, nothing available.
Well No. 2, nothing available.

Signature of Owner Gerald Craft

Date Dec 12, 1963

This record 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.

One copy 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 P.M.

DEC 16 1963

Jane M. Brewster

County Clerk

Calley M. Steg
Deputy

File No. _____
Filed: _____ 19____
at _____ M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 82 R 56E
STATE WATER CONSERVATION BOARD

Clerk and Recorder
Powder River County

JUL 7 1956

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

State _____
County _____
Section _____
Range _____
Township _____
District _____

OWNER: **Gerald Craft**

Address: **Alzada, Mont.**

DRILLER: **Earl Drane**

Address: **Broadus, Mont.**

Top of Ground
(Elev. above sea
level) _____

0 15
15 20
20 22
22 60
clay
gravel & clay
blue shale
yellow sand & gravel

Date of Notice of Appropriation of Groundwater _____

Date well started **June 1966**

Completed **June 1966**

Type of well **drilled**

Equipment used **rotary**

(shurn, driven, bored, drilled)

(shurn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling -ei, 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		
				Kind Size	From (feet)	To (feet)
6"	4" I.D. 9 1/2'	0	60	1/4" slots	35	60

Static Water Level for non-flowing well **15** feet.

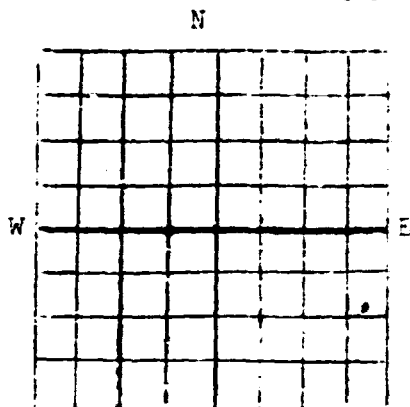
Shut-in Pressure for flowing well **54**

Pumping Water Level _____ feet at **10** gal. per minute

Discharge in _____ min. of flowing well **2 hrs.**

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)



NE 1/4 Sec. 15 T 82 R 56E

STATE OF MONTANA)
County of **Carter**)SS.

Gerald Craft

having first been duly sworn, depose ^s and say ^s
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 appropri-
ation by means of well and the person whose name **is** subscribed thereto, as the appropri-
ator and claimant, that he **knows** the contents of said foregoing notice and that
the matters and things therein stated are true.

Gerald Craft
Driller's Signature

Subscribed and sworn to before me, this **5** day of **July**, 196**6**

JANE M. BREWSTER
Clerk & Recorder

412-2 *Calley M. Steg. Rsp*

117343

CARTER COUNTY
ETALAKA, MONTANA
Filed for Record
at 3:30 P.M.

JUL 5 1966

Jane M. Brewster
County Clerk
Cally M. Stuy
Deputy

Fee: \$2.00

County CARTER Twp. _____ Rge. 57E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
<u>24</u>	<u>COCHRAN, FRANK</u>	<u>LATERELL LOG</u>	<u>103635</u>	

103635

T. 8 S R. 57 E S. 24County CarterMONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

24

Owner Frank Cochran Address Alzada, Montana

Driller W. L. Livingston Address Winnett, Mont.

Date Started Aug. 6, 1958 Date Completed Sept. 15, '58

Location: Sec. 24 T. 8 S R. 57 E S. 24 sec. NE 1/4 SW 4

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: Ground level 1600 ft. to _____ ft. Type Galv. 8 V thread 4 1/2" O.D. 100' 9 1/2 per. ft. (T.O.C.) Size _____

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: 600 feet feet.

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

Pumping water level: All measurements taken @ R.D.M. (3' above ground)

How tested: Run drill stem test, water came to within 600' of top in 4 1/2 minutes.

Length of test: Tester open 30 minutes

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

Hole size 0 -1585 (6 3/4"), from 1585- 1673 (4 3/4"). Larkin fig. 21

casing anchor packer set at 1587-1590, with 10' joint below packer. Packer

5 7/8" O.D. set into smaller hole. Top of casing cemented. Couldn't bail

fast enough @ 8 gallons per minute to lower fluid level below 600'. In-

stalled 3hp. Reda submersible pump to 600' pumping level.

(over)

GROUNDWATER INDEX

Page ____ of ____

County CHICKASAWTwp. 1Rge. 1

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
24	COCHRAN, FRANK	WATERWELL	11307	

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		All measurements taken from rotary washings (3' above ground)
0	50	Light grey & dark shale with some gravel at top
50	150	Bluish black shale
150	570	Black shale and some shells
570	650	Dark shale with some bentonite and sandy shale at base
650	710	Dark shale with some thin sand streaks
710	780	Soft dark sh., some bent., calcite with hard lt. brown sand stks.
780	1030	Hard silicified shale with bentonite (Fowery)
1030	1240	Soft dark shale & bentonite
1240	1250	Soft dark shale with thin streaks of sand
1250	1340	Soft dark shale
1340	1360	Grey & red clayey shale & pyrites & lenses of hard sand
1360	1365	Shale with 2' of fine silty sand
1365	1375	Shale, some buff colored lime & pyrites
1375	1390	Dark shale with silty sand and bentonite
1390	1400	Soft light grey clay and muddy silty sand
1400	1430	Soft light grey to white clayey shale
1430	1440	Hard buff colored sandy lime, 1' of greenish grey sand
1440	1450	Hard " " lime and hard sand
1450	1470	Soft lt. grey to white sh., hard sand stks, hard grey limey concretions.
1470	1485	Hard sand, red and grey shale
1485	1505	Greyish white & red shale, brown lime, sandy lime, and hard sharp sand.
1505	1570	White & red shale to 1540, grey clayey shale to 1570
1570	1596	Red, grey, green shale with some white silty sand.
1596	1637	Dark & light sand (salt & pepper) with some clay streaks.
1637	1673	Red, green and grey shale. Bottomed at 1673 feet.

GROUNDWATER INDEX

Page ____ of ____

County CARTER Twp. SS Rge. SE

[illegible]

File No. _____
Filed: 19
at _____, M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T81 R 58E

Clerk and Recorder
Powder River County

STATE WATER CONSERVATION BOARD

JUL 7 1966

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

Bill _____ McDermott _____
Butler _____ McMillan _____
Cox _____ Norton _____
Darrington _____ Sullivan _____
Dykert _____

Pilster
OWNER Ed Pilster Address Alzada, Mont.

DRILLER Earl Drane Address Prosser, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started June 1966 Completed June 1966

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 & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind & Size	From (feet)	To (feet)
8"	6" I.D. 14#	0	43	1/4" slots	20	35

Static Water Level for non-flowing well 22 feet.

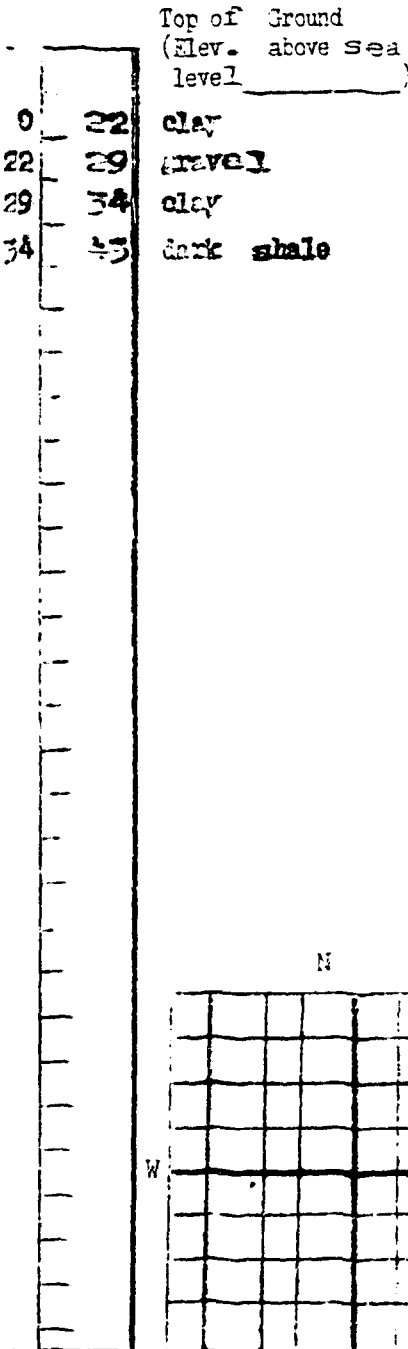
Shut-in Pressure for Flowing Well _____

Pumping Water Level 36 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pumping Length of Test 2 hrs.

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)



WU 1/2 Sec 39 T15 R. 58E

STATE OF MONTANA)
County of Carter) SS.

Ed Pilster 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 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 5 day of July, 1966

JANE M. BREWSTER
Clerk & Recorder
James A. DeBree, Deputy

117346

CARTER COUNTY
Ekalaka, MONTANA

Filed for Record

3:30 P.M.

JUL 5 1966

James M. Brewster
County Clerk

Anna L. Beebe
Deputy

Fee: \$2.00

File No. _____
Filed: 19
at _____ M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

FILE # 436

STATE WATER COMMISSION

Clerk and Recorder
Powder River County

JUL 7 1966

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

Section _____
Township _____
Range _____
County _____
State _____

OWNER Ed Pilster Address Alzada, Mont.

DRILLER Earl Drane Address Broadus, Mont.

Top of Ground
(Elev. above sea
level) _____

Date of Notice of Appropriation of Groundwater _____

Date well started June 1966 Completed June 1966

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 -ei, 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		
				Kind Size	From (feet)	To (feet)
8"	6" I.D. 14#	0	54	1/2x4" slots	15	35

Static Water Level for non-flowing well 15 feet.

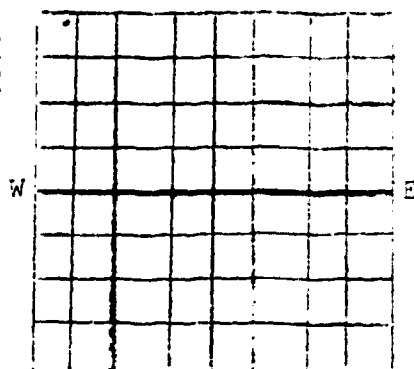
Shut-in Pressure for Flowing Well _____

Pumping Water Level 33 feet at 2 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested pumping Length of Test 2 hrs.

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)



NW 1/4 NW 1/4 Sec. 24 T. 8 S. R. 58 E

STATE OF MONTANA)
County of Carter) SS.

Ed Pilster having first been duly sworn, depose s and say s
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 appropri-
ation by means of well and the person whose name is subscribed thereto, as the appropri-
ator and claimant, that he know s the contents of said foregoing notice and that
the matters and things therein stated are true.

Ed Pilster

Subscribed and sworn to before me, this 5 day of JULY, 1966

Jane M. Brewster
Clerk & Recorder

Earl Drane

117345

CARTER COUNTY
EKALAKA MONTANA

Filed for Record

a 3:30

JUN 5 1966

James M. Brumley
(County Clerk)
James M. Brumley
Deputy

Fee: \$2.00

GROUNDWATER INDEX

Page of

County CLARK Twp. 15 Rge. 6 E

[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.

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 Edward M. Bischoff

Address Alameda, N.Y.

Date well started 10-31-72

completed 11-1-72

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Rotary

(Church drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

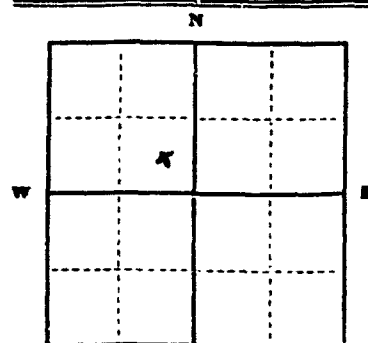
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

* 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 20,000 gal

Size of Drilled Hole	Gross and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4 in ID, 10.49	0	41	Slot, 2 1/2 with Trench	22	32



Static water level 18 ft.
Pumping water level 35 ft.
at 6 gallons per minute,
measured 40 minutes after pumping
began.

*Measured from ground level.

Well developed by

for 3 hours.

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

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

27461 UNCLAS

SE 1/4 NW 1/4 Sec 16
T. 3 N. R. 6 E.

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

Driller's Signature Melvin H. Rando

Driller's Address 2226 Broadway, S. A.

LICENSE NO. 112

Show exact depth of bottom

52 385

52386

134678

CARTER COUNTY
EXALAKA, MONTANA
Filed for Record
at \$2.00

FEB 7 1973

Gene M. Brunster
County Clerk

Deputy

for \$2.00

GROUNDWATER INDEX

Page of

County CARTER Twp. 55 Rge. 6E

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File No.

DUPLICATE

T. 8 S. R. 6 E

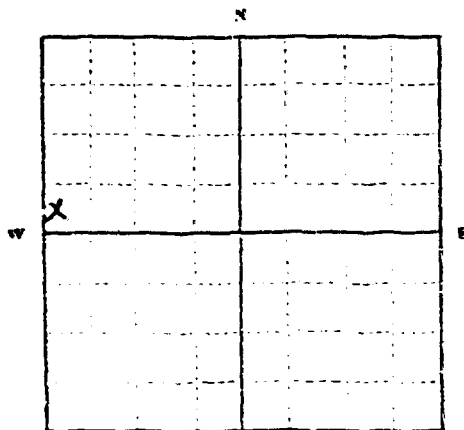
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John E. Butcher of 430 E. 10th No., Logan
(Name of Appropriator) (Address) (Town)
County of Carter State of Utah
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



(25)
S. W. 1/4 Sec. 6 T. 8 S. R. 6 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 House use,
stock use, irrigation
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Oct. 1952
constantly in use since
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 50 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
used to irrigate lawn + garden
owner - John Butcher - Logan Utah
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal 5 ft electric
pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Oct 5 to Oct 10th, 1952
8. The depth of water table 1 1/2 feet water depth, 16 1/2 ft to water
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 Aug well, casing 15 in.
15 feet deep
10. The estimated amount of groundwater withdrawn each year 309,000 gal.
11. The log of formations encountered in the drilling of each well if available 5 foot gravel
heavy soil, 1 ft. sand, rest 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 n. a.

Signature of Owner

John E. Butcher
Date Dec 5, 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.

113071

Filed for Record
at 12:00 P.M.

DEC 17 11
John M. Brewster
Deputy Clerk

Fee \$ 2.00

GWJ

File No. WATER CONSERVATION BOARD

T 85 R 61E

DUPLICATE

County Carter

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 9/13/65

Owner Joe Oliver Address Alzada, Montana

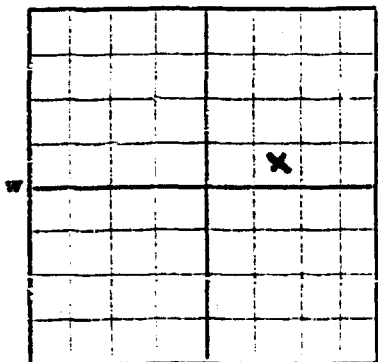
Contractor (if any) Munro Construction

Address of Contractor Ekalaka, Montana

Date Started Sept 11, 1965 Date Completed Sept 13, 1965

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

water when applicable Digging with Back Hoe
3 ft deep



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

Approximately 6 gallons per minute.

gallon measure

Signature of Owner Joe Oliver

Date 12/20/65

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.

116581

CARTER COUNTY
EKLAKA, MONTANA
Filed for Record
at 10:00 P. M.

DEC 20 1965

Jane M. Brewster
Cally M. Stutz
Clerk & Clerk
Deputy

Fee: \$2.00

10241
RECEIVED
MAR 11 1958

T. 8 South R. 61 East

County CARTER

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner James M. Courtney Address Albion, Montana

Driller Williams Address Texas

Date Started April 10, 1957 Date Completed April 15, 1957

Location: Sec. 24 T. 8 South R. 61 East

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

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

Casing: 1 ft. to 150 ft. Type Galvanized pipe Size 4 In.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 120 to ft. 150 Ft. to ft.

Type of screen or perforations 1/2 In. Holes

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

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

Pumping water level 30 feet at 2 gal. per min.

How tested:

Length of test

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

Flowing well

(over)

[illegible][illegible]

GROUNDWATER INDEX

Page of

County CHARTER Twp. 50 Rge. 42E

[illegible]

102412

RECEIVED
MAR 17 1958

T 8 South R 62 East

County CARTER

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X			

Owner James M. Courtney Address Albion, Montana
 Driller Williams Address Texas
 Date Started April 11, 1957 Date Completed April 13, 1957
 Location: Sec 19 T 8 South R 62 East SW 1/4 sec.

Type 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: 1 ft. to 150 ft. Type Galvanized Pipe Size 4 In.

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

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

Perforated or Screened: Ft. 120 to ft. 150 Ft. _____ to ft. _____

Type of screen or perforations 1/2 in holes

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

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

Pumping water level 30 ft. feet at 1 1/2 gal. per min.

How tested: _____

Length of test: _____

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

flowing well

(over)

[illegible][illegible]

File No. 113464

DUPLICATE

T. 3 S. R. 62 E.

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

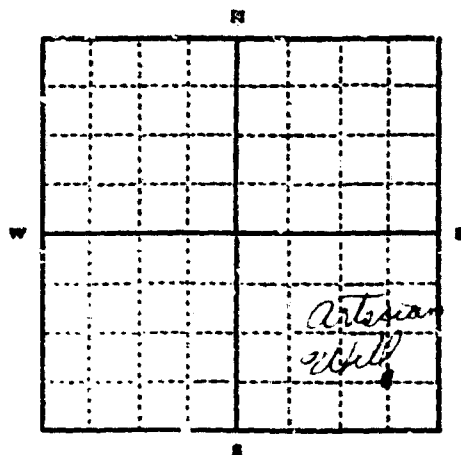
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Norman E. Courtney (Name of Appropriator) Chalco (Address) Chalco (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 1/4 Sec 19 T8 S R62 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 Stock
Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 & Continuous
Flow

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gallon per min

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957

8. The depth of water table above ground level

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 Not available

10. The estimated amount of groundwater withdrawn each year 1,054,200

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
information

Signature of Owner Norman E. Courtney

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.

Filed for Record

At 2:45 o'clock P.M.

DEC 31 1963

Jane M. Brewster

Cally M. Steg
County Clerk
Deputy

Fee: \$2.00

Page of

County CARTER

Twp. 9

Rge. 55F

[illegible]

$\therefore \Delta S_{\text{univ}} = 5.5 \text{ E}$

Clerk and Recorder DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1980)

RECEIVED
JAN 7 1964

1. Harold M. Richardson, of Hammond, Montana, Blaine County of Blaine RIVER, State of MONTANA, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	irrigated stock water	irrigated stock water	irrigated stock water			
DATE OF USE	Oct 29, 1953	1944	1920			
How continuous	Continuous	Continuous	Continuous			
Amount claimed (gal. per minute)	12 gal	1 gal	8 gal			
Irrigated description	road	road	road			
Irrigation owner						
5. Irrigated acreage	road	road	road			
Location	NE 1/4 Sec 15	SE 1/4 Sec 15	SE 1/4 Sec 15			
6. Withdrawal means	hand pump	hand pump	hand pump			
7. Completion date	1953	1944	1920			
8. Water depth table	40' from top of ground	40' from top of ground	10' from top of ground			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & length	11" 15' deep	11" 15' deep	11" 15' deep			
Estimated amount						
10. Amount withdrawn	40,000	40,000	20,000			
11. Other information	road	road	road			
12. Log, if available						
0 surface soil						
0 sand stone						
0 " "						
0 " "						
0 Blue shale						
0 water sand to						
50 feet of 4" casing						

STATE OF MONTANA
County of Custer ss.
I, Notary Public

Signature of Owner Lyndon B. Johnson

See Mr. Keefe's report having been sworn, depose and say
that he has no knowledge of the fact that the
above named person was ever in the State of
New York.

25475

113362 Filed,
Dec 30, 1963,
at 2:15 P.M.
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Trp 9 S. Rge E
JAN 7 1964

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

1. Francis J. Hayes, of Alzada, 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. 19	Sec. 19	Sec. 18	Sec. 20	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	domestic and stock	stock	stock	stock		
3. How continuously used	1922 12 mo.	1968 12 mo.	1961 12 mo.	1940 12 mo.		
4. Amount Claimed (gal. per minute)	3 gal	3 gal	3 gal	3 gal		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Withdrawal means	HEMP pump	HEMP pump	HEMP	HEMP		
7. Completion date	1922	1968	1961	1940		
8. Water depth table	200'	200'	15'	6'		
Type (drilled or dug)	drilled	drilled	dug	dug		
9. Size & Depth	4" x 300'	4" x 300'	18" x 15'	36" x 30'		
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.
Francis J. Hayes

Signature of Owner: Francis J. Hayes
12-29-63

Date

Francis J. Hayes 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
15th day of Dec. 1963

Barthelme Lewis
Clerk & Recorder, Powder
River County, Broadus, Montana

25806

13429 Filed,
Dec. 31, 1963,
at 11:00 A.M.
Jane M. Brewster
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 9 S, Rge 2 E

Carter Co.

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

JAN 7 1964

1. Francis C. Caldwell, of Alameda, 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. 11	Sec. 11	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Domestic				
DATE DRILLED	1959	1938				
3. How continuously used	constant	constant				
Amount Claimed						
4. (gal. per minute)	1	1				
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SE 1/4	SE 1/4				
6. Withdrawal means	pump	pump				
7. Completion date	1959	1938				
8. Water depth table	150'	50'				
Type (drilled or dug)	drilled	dug				
9. Size & Depth	4" x 155'	4" x 50'				
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
) ss.
County of Powder River)

Signature of Owner: _____

Date 12-30-63

Francis Caldwell 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

30th day of December, 1963.

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

25864

#13477 Filed,
Dec 31, 1963,
at 3:52 P.M.
J. M. Bruntz
Clerk and Recorder
\$2.00 fee paid

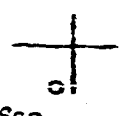
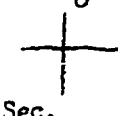
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

TwP 8 S, Rge 55 E
9 55

NO SECTION NUMBERS

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

1. Henry A. Malley, of Broadus, 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:

	8S-55E	9S-55E	9S-55E	9S-55E	9S-55E	
						
	Sec.	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Domestic	Stock	Stock	Stock	
3. DATE DRILLED	1908	1945	1928	Spring	spring	
How continuously used	constant	constant	constant	flow	flow	
4. Amount Claimed (gal. per minute)	10 gpm	4 gpm	5 gpm	8 gpm	5 gpm	
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location (40 acres) Withdrawal means	SESW pump	NENE pump	NWNE pump	SWNE flow	SESE flow	
7. Completion date	1908	9-1945	1928	-0-	-0-	
8. Water depth table	20'	40'	4'			
Type (drilled or dug)	rocked dug	drilled	rocked dug	-0-	-0-	
9. Size & Depth	6' x 28'	2' x 75'	6' x 16'			
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

NO LOGS

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner: Henry A. Malley

Date 12/26/63

Henry A. Malley 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
26th day of December 6, 1963.

Henry A. Malley



[The text in this section is extremely faint and illegible. It appears to be a series of lines of text, possibly a list or a paragraph, but the characters are too light to transcribe accurately.]

100

— *Journal of the American Medical Association*, 1991

[illegible]

110 35

THE UNITED STATES OF AMERICA
DO hereby certify that the following is a true and correct copy of the original as the same appears in the records of the
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

Section 1, Township 10N, Range 10E, T10N, R10E, S10E
County of Lincoln, Nebraska

That the following is a true and correct copy of the original as the same appears in the records of the
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

Section 1, Township 10N, Range 10E, T10N, R10E, S10E
County of Lincoln, Nebraska

That the following is a true and correct copy of the original as the same appears in the records of the
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

That the following is a true and correct copy of the original as the same appears in the records of the
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

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DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

That the following is a true and correct copy of the original as the same appears in the records of the
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C.

$\frac{1}{2} \log \frac{1}{2}$

1. Mr. J. Edgar Hoover
 2. Mr. Clegg
 3. Mr. Glavin
 4. Mr. Ladd
 5. Mr. Nichols
 6. Mr. Rosen
 7. Mr. Tracy
 8. Mr. Carson
 9. Mr. Egan
 10. Mr. Gurnea
 11. Mr. Hendon
 12. Mr. Pennington
 13. Mr. Quinn
 14. Mr. Nease
 15. Mr. Gandy

[illegible]

100

[illegible]

GROUNDWATER INDEX

Page of

County CHATEL Twp. 95 Rge. 56E

[illegible]

File No. _____

T. & R. _____

DUPLICATE

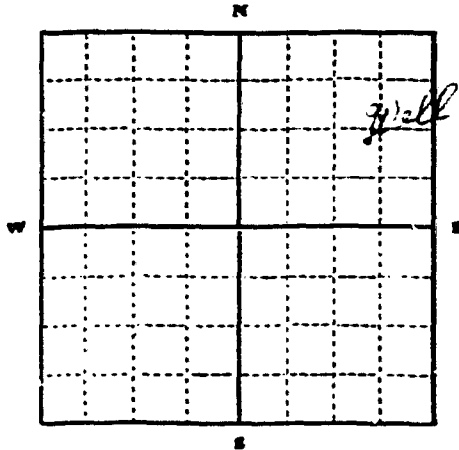
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



1/4 Sec. 3 T. 9 N. R. 5 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 stockwater

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been Oct. 11, 1957
continuous thereafter

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 8 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 loca-
tion of each well or other means of withdrawal windmill
1/4 Sec. 3 T. 9 N. R. 5 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Oct. 11, 1957

8. The depth of water table 15' 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
7' ft. of 8" and 12" diameter

10. The estimated amount of groundwater withdrawn each year 1000 gallons

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

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

Signature of Owner Hattie Kaufman

Date November 1961

This 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.

25468

11330i

Filed for Record
at 8:30

John M. Brewster
Deputy Clerk

Fee \$ 2.00

File No. _____

DUPLICATE

T 9 S R 56 E
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

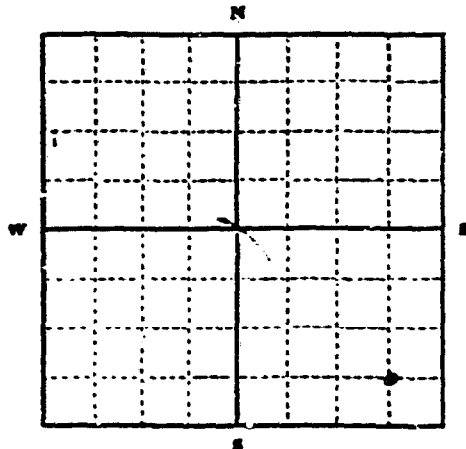
RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Robert T. Nixon, of ahada
(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 1/4 Sec 7 T.9S R.56E

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 continu-
ous the use has been undisputed flowing spring
4. The amount of groundwater claimed (in miner's inches or gallons
per minute)
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
stock water only
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
self flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater none
8. The depth of water table none
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 flowing
10. The estimated amount of groundwater withdrawn each year 5 gal. p. minute
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 Robert T. Nixon
Date Dec 10 - 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
Mineral Geology; and Quadruplicate for the Appropriator.

1018

112976

Filed for Record

11-20

James M. Brewster
County Clerk

Deputy

Fee \$ 2.00

RECORDED

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County

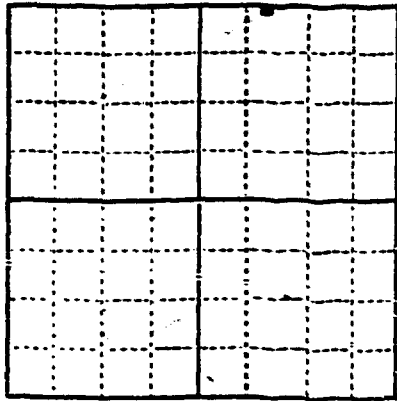
Carter

RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Robert T. Nijon, of *Alzada*
(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:



NW 1/4 NE Sec 8 T 9 S R 56 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 *house + stock*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1920 every day*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *10 gal 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 *Gordon + Larson*
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 _____
8. The depth of water table *4 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 *4 top 14 ft depth*
10. The estimated amount of groundwater withdrawn each year *930,000*
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

Robert T. Nijon
Date *Dec 10 - 1963*

This 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.

112977

Filed for Record
at 11:20 AM

DEC 19 1963
Jane M. Brewster
County Clerk
Depositor

Fee \$ 2.00

RECEIVED

GROUNDWATER INDEX

Page of

County CARTER Twp. 9S Rge. 59E

[illegible]

113240

File No.

T 23 R 59E.

DUPLICATE

County Carter

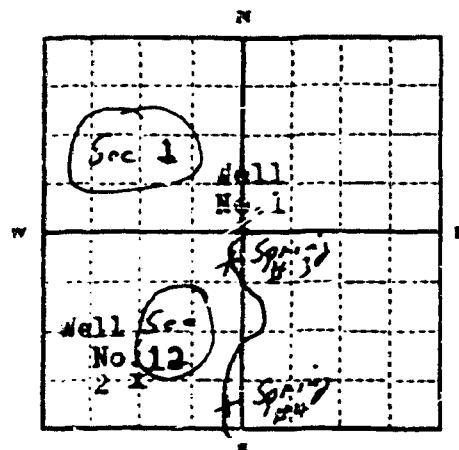
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

James D. Walker and Eugene D. Walker (Name of Appropriator) Albion (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



#1 SE 1/4 Sec 1 T 23 R 59E.

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

#2 NE 1/4 SW 1/4 Sec 12-23-59E

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 Well No. 1 1955 & used continuously since then; Well No. 2-1959 & used continuously since then. Spring #3-1945 & used continuously since then. Spring #4-1945 & used continuously since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 10 gallons per minute. Well No. 2 5 gallons per minute. Spring #3 7 gallons per minute, Spring #4-7 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 #1 electric pump & pressure tank. #2 Gasoline motor. #3 Natural flow; #4 Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 Prior to 1955; No. 2 Prior to 1959. No. 3 Prior to 1945. No. 4 Prior to 1945.
8. The depth of water table No. 1-15 feet No. 3 Surface No. 2-20 feet No. 4 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 No. 1 - 2 foot metal casing 12 feet deep. Well box 6" deep. No. 2 - 8" metal casing 20' long. No. 3 Natural flow spring; No. 4, natural flow spring.

10. The estimated amount of groundwater withdrawn each year unknown.
11. The log of formations encountered in the drilling of each well if available Not available.
Springs number 3 and 4 are located on the banks of the Little Missouri River.
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 unknown.

James D. Walker and Eugene D. Walker

Signature of Owner Eugene D. Walker

Date December 26, 1963.

This copy is 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.

1389

Filed for Record
at 10:50 A.M.

1968

Jane M. Brewster

County Clerk

Calvin M. Steen
Deputy

Fee: \$2.00

File No. 113240

DUPLICATE

T. 93 R. 59E.
County Carter

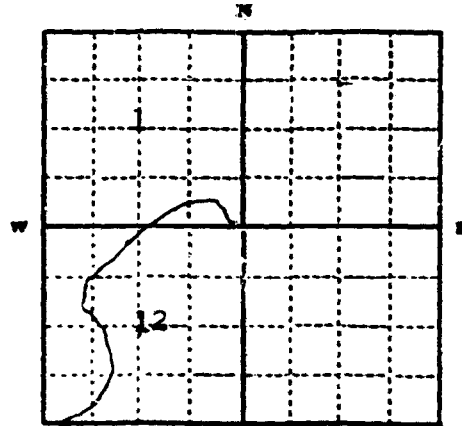
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

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



#1 SE 1/4 Sec. 1 T. 93 R. 59E.

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

#2 W 1/2 Sec 12-95-59E

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 1945 and continuously since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 1945.

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. Natural 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 known.

X Springs Numbered 1 and 2 are located on the banks of Thompson Creek.

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 known.

James D. Walker and Eugene D. Walker

Signature of Owner Eugene D. Walker

Date December 26, 1963

This comes 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 Geology and Quadruplicate for the Appropriator.

113240

Filed for Record

at 10:50 A M

Jane M. Brewster

County Clerk

Callie M. Stuey

Deputy

Fee: \$2.00

File No. _____
Filed: _____ 19____
at _____ M.

INDEXED

Twp. 7 S. Rge. 5 E.

S. c. 15

Clerk and Recorder

~~Powder River~~ County (Under Chapter 237, Montana Session Laws, 1961)

Top of Ground -

Elev. above sea level.

OWNER

Lawrence Arpan

Address

Alzada, Mont.

DRILLER

Earl Drane

Address

Broadus, Mont

Date of Notice of Appropriation of Groundwater

Date well started

Sept. 1969

Completed

Oct. 1969

Type of Well

Equipment Used

(dug, driven, ~~drilled~~ drilled)

(churn, ~~drill~~ rotary, oth

Water Use: Domestic

Municipal

Stock

Other

Industrial

Drainage

Irrigation

Indicate on diagram character and thickness of different strata met in drilling - ei, 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 and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)

6"	4"	118	0	527		
		527	905	slots	820	905

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in Gal. per min. of flowing well

How Tested

Length of Test

Remarks

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

Drill 20's License NO.

Earl Drane
Driller's Signature

Sec 15, Twp. 7, Rge 5 East.

STATE OF MONTANA)
County of ~~Powder River~~ ss.

Lawrence Arpan 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 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.

Owner's Signature Lawrence Arpan

Subscribed and sworn to before me, this 1 day of Sept, 1969.

Robert Arpan
Clerk and Recorder, ~~Powder River~~ Co.
Broadus, Montana

45815

123627

Lawrence Ripan

CARTER COUNTY
EXALAKA, MONTANA
Filed for Record
3:15 P.
NOV 4 1969

James M. Brewster
County Clerk

See # 2.00

MONTANA WATER RESOURCES BOARD

RECEIVED

NOV 6 1969

GROUNDWATER INDEX

Page of

County CARTER Twp. 9S Rge. 6EE

[illegible]

File No. _____

STATE WATER CONSERVATION BOARD

T 9 S R 80 E

DUPLICATE

MAR 20 1967

County Carter

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Bore

Bore

Casing

Ditch

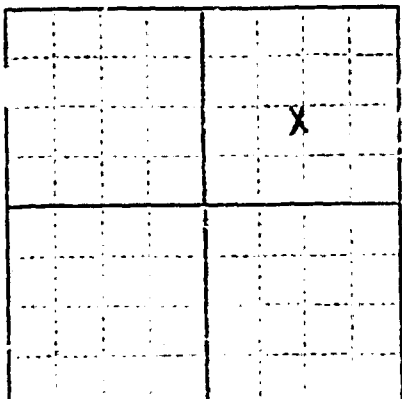
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joseph Nikodym Address Alzada, MontanaDriller Ed E. Sikorski Address Alzada, MontanaDate of Notice of Appropriation of Groundwater July, 1966Date well started July 18, 1966 Date Completed July 20, 1966Type of well bored 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)
28"	24" laydite	0'	18'	5/16"	18'	18'



NE 1/4, Sec 9 T 9S R 80E

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 10 1/2 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 14 1/2 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pump Length of Test 2 hr.

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

packed with 1400 lbs. of gravel

115

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.

41808

118212

CARTER COUNTY
Ekalaka MONTANA

Filed for Record

at 4:30 P.M.

MAR 17 1967

Jane M. Brewster

Cally M. Stueck
County Clerk
Deputy

Fee: \$2.00

File No. 118247

DUPLICATE

T. 9S R. 60E.

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODED
OFFICE OF STATE ENGINEER

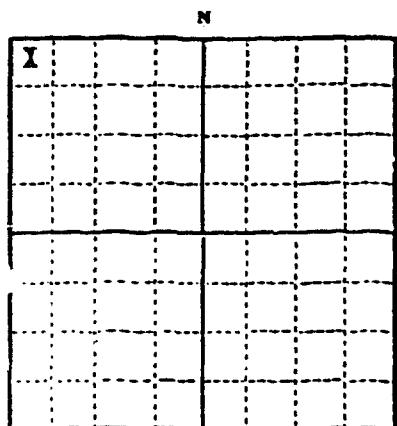
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

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



NW 18 9S 60E.
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1945 and continuously since then.
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 1945 to 1947.
8. The depth of water table Surface spring.
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 Natural flowing spring.
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 known.

James D. Walker & Eugene D. Walker

Signature of Owner Eugene D. Walker

Date December 25, 1963.

This document 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.

118240

Filed for Record
10:50

DEC 27 1965

Jane M. Brewster

County Clerk

Cally M. Steen
Deputy

Fee: \$2.00

File No. _____

T 9 S R 60 E

30

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOV 23 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

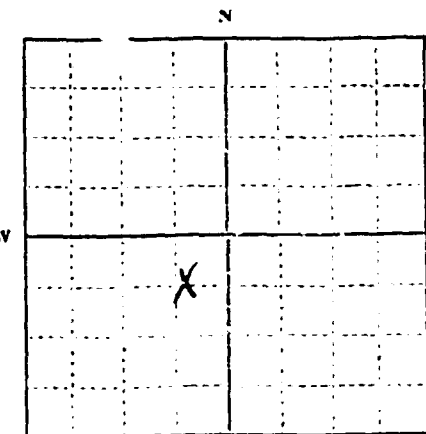
Owner C. S. Lawrence Address Alzada, Mont.Driller Ed R. Sikorski Address Alzada, Mont.Date of Notice of Appropriation of Groundwater Sept. 22, 1964Date well started Oct. 8, 1964 Date Completed Oct. 8, 1964

Type of well bored 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)
28"	24" Haydite	6'	26'	5/16"	20'	26'



NE 1/4 SW Sec. 16 T 9S R. 60E
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 19 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 22 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailer Length of Test 1/2 hr.

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

gravel packed—1000 lbs.

115
Driller's License Number

Ed R. Sikorski
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.