

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 Haglund Ranch
Address Blockway
Mont.
Date well started 11-10-70
completed 11-15-70

For Administrator's Use
File 137415
November 25, 1970
2:10 P.M.
GW 1

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

Equipment used rotary
(Churn drill, rotary or other)

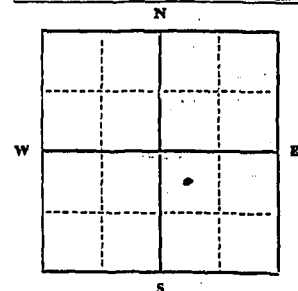
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
<u>6 in.</u>	<u>4 in. 10 lb.</u>	<u>1</u>	<u>426</u>	Kind Size <u>51 3/4 in.</u> <u>1 1/2 in.</u>
				From (Feet) <u>326</u>
				To (Feet) <u>426</u>



Static water level 265 ft.*
Pumping water level 294 ft.*
at 2 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level.
Well developed by pump
for 3 hours.
Power Submersible HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

N.W. 1/4 S.E. 1/4 Sec. 24
T. 18 N. R. 4 E. S. 3 W.

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

Driller's Signature Shane Huling Service
Driller's Address Jordan Mont.

LICENSE NO. 29

County McCone 34

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
<u>1</u>	<u>13</u> <u>clay</u>
<u>13</u>	<u>40</u> <u>shale</u>
<u>40</u>	<u>44</u> <u>coal</u>
<u>44</u>	<u>110</u> <u>shale</u>
<u>110</u>	<u>119</u> <u>coal</u>
<u>119</u>	<u>196</u> <u>shale</u>
<u>196</u>	<u>205</u> <u>coal</u>
<u>205</u>	<u>296</u> <u>shale</u>
<u>296</u>	<u>306</u> <u>sand</u>
<u>306</u>	<u>380</u> <u>shale</u>
<u>380</u>	<u>395</u> <u>sand & coal</u>
<u>395</u>	<u>426</u> <u>sand</u>

Show exact depth of bottom

47812

137415

WATER WELL LOG FILE #693

State of Montana } ss.
County of McCone }

Clerk and Recorder

Filed this 25th day of
November, A. D. 1970

at 2:10 o'clock P. M.

Lillian E. Brennan
Clerk and Recorder

By *Mary L. Kunkler*
Deputy
Fee \$2.00

RECORDED BY INDEXED BY

FILED	INDEXED	FILED	INDEXED
1	1	1	1
2	2	2	2
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100	100	100	100

Home
Form No. 18
8-60

34
T. 18 N R. 45 E
County McLone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

STATE ENGINEER

WATER WELL LOG

Owner HAGLUND RANCH INC Address BROCKWAY, MONT
Driller MARTIN KAISER Address DECEASED
Date Started CIRCA 1934 Date Completed CIRCA 1936
Location: Sec. 34 T. 18 N R. 45 E $\frac{1}{4}$ sec. SW & NE

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

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

Casing: 0 ft. to 463 ft. Type STEEL Size 6" 5" and 4"

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

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

Perforated or Screened: Ft. Unknown to ft. _____

Type of screen or perforations unknown

Static Water level, for non-flowing well: 250 down feet.

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

Pumping water level 300' down at 3 gal. per min. _____

How tested: pumps

Length of test 1 hr

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

Unknown

(over)

Log of Well

[illegible]

GROUNDWATER INDEX

Page of

County McCone

Twp. LSN

Rge. HGE

[illegible]

2000-1-8
8-60

T 18 R 46

4

County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED
JAN - 4 - 1962

STATE ENGINEER

WATER WELL LOG

Owner Mary Morgan Address Crows, Mont.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec 4 T 18 R 46 Sec NE 4

Type of Well Spring Equipment Used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ 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: _____ feet

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

Pumping water level _____ feet at _____ gal. per min

How tested: _____

Length of test _____

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

(over)

Log of Well

[illegible]

Journal
5-10-62

T 18 R 46

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED
JAN 4 1962

WATER WELL LOG

STATE ENGINEER

Owner: Mary Wangen Address Custer, Mont

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec 4 T 72 R 46 & Sec NE

Type of Well Drilled Equipment Used Churn Drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ 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: _____ feet

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

Pumping water level _____ feet at _____ gal. per min

How tested: _____

Length of test _____

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

Casing 4" steel; 71 ft. deep

(over)

Log of Well

[illegible]

Form No. 18
8-60

T 18 R 46 4
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

RECEIVED
JAN 4 1962

STATE ENGINEER

Owner Mary Hanger Address Cuba, Mont.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec 7 T 18 R 46 + Sec NE

Type of Well Bored Equipment Used _____
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ 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: _____ feet

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

Pumping water level _____ feet at _____ gal. per min

How tested: _____

Length of test _____

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

Casing - Steel, 18 in., approx. 44 ft. deep

(over)

Log of Well

[illegible]

GW:

File No.

DUPLICATE

County McConeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 2 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

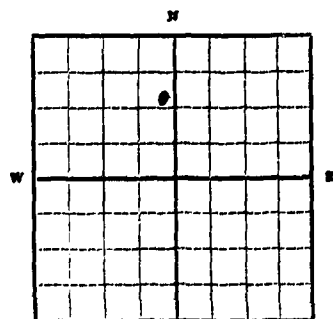
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Grisham Bros Inc Address Brockway, MontanaDriller Ira C. Bond Address Terry, MontanaDate of Notice of Appropriation of Groundwater October 10, 1963Date well started 10/8/63 Date Completed 10/11/63Type of well drilled Equipment Used cable tool
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" ID	surface	192	steel	158	188



N.W. 1/4 Sec. 9 T. 18 R. 46
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

192

Show exact depth of bottom.

Static Water Level for non-flowing Well rises 30' feet.Shut-in Pressure for Flowing Well —Pumping Water Level 177 feet at 4 gal. per minute.Discharge in gal. per min. of flowing well —How Tested bailing Length of Test two 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)

Driller's License Number 37Driller's Signature Ira C. Bond

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.

7646

Form # 18
8-60

W 2/8

T. 18 R. 46

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

JAN 4 1962

WATER WELL LOG

STATE ENGINEER

Owner Mary Hanger Address Butte, Mont.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec W 2 T 10 R 46 S NE

Type of Well Drilled Equipment Used _____
(Dug, driven, bored, or drilled) (Ghurn drill, rotary, other)

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

Casing: _____ ft. to _____ ft. Type _____ 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: _____ feet

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

Pumping water level _____ feet at _____ gal. per min

How tested: _____

Length of test _____

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

Casing Steel 6" - app. 40 ft

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		100-150 ft. of sand and gravel
		150-200 ft. of sand and gravel
		200-250 ft. of sand and gravel
		250-300 ft. of sand and gravel
		300-350 ft. of sand and gravel
		350-400 ft. of sand and gravel
		400-450 ft. of sand and gravel
		450-500 ft. of sand and gravel
		500-550 ft. of sand and gravel
		550-600 ft. of sand and gravel
		600-650 ft. of sand and gravel
		650-700 ft. of sand and gravel
		700-750 ft. of sand and gravel
		750-800 ft. of sand and gravel
		800-850 ft. of sand and gravel
		850-900 ft. of sand and gravel
		900-950 ft. of sand and gravel
		950-1000 ft. of sand and gravel
		1000-1050 ft. of sand and gravel
		1050-1100 ft. of sand and gravel
		1100-1150 ft. of sand and gravel
		1150-1200 ft. of sand and gravel
		1200-1250 ft. of sand and gravel
		1250-1300 ft. of sand and gravel
		1300-1350 ft. of sand and gravel
		1350-1400 ft. of sand and gravel
		1400-1450 ft. of sand and gravel
		1450-1500 ft. of sand and gravel
		1500-1550 ft. of sand and gravel
		1550-1600 ft. of sand and gravel
		1600-1650 ft. of sand and gravel
		1650-1700 ft. of sand and gravel
		1700-1750 ft. of sand and gravel
		1750-1800 ft. of sand and gravel
		1800-1850 ft. of sand and gravel
		1850-1900 ft. of sand and gravel
		1900-1950 ft. of sand and gravel
		1950-2000 ft. of sand and gravel
		2000-2050 ft. of sand and gravel
		2050-2100 ft. of sand and gravel
		2100-2150 ft. of sand and gravel
		2150-2200 ft. of sand and gravel
		2200-2250 ft. of sand and gravel
		2250-2300 ft. of sand and gravel
		2300-2350 ft. of sand and gravel
		2350-2400 ft. of sand and gravel
		2400-2450 ft. of sand and gravel
		2450-2500 ft. of sand and gravel
		2500-2550 ft. of sand and gravel
		2550-2600 ft. of sand and gravel
		2600-2650 ft. of sand and gravel
		2650-2700 ft. of sand and gravel
		2700-2750 ft. of sand and gravel
		2750-2800 ft. of sand and gravel
		2800-2850 ft. of sand and gravel
		2850-2900 ft. of sand and gravel
		2900-2950 ft. of sand and gravel
		2950-3000 ft. of sand and gravel
		3000-3050 ft. of sand and gravel
		3050-3100 ft. of sand and gravel
		3100-3150 ft. of sand and gravel
		3150-3200 ft. of sand and gravel
		3200-3250 ft. of sand and gravel
		3250-3300 ft. of sand and gravel
		3300-3350 ft. of sand and gravel
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		3850-3900 ft. of sand and gravel
		3900-3950 ft. of sand and gravel
		3950-4000 ft. of sand and gravel
		4000-4050 ft. of sand and gravel
		4050-4100 ft. of sand and gravel
		4100-4150 ft. of sand and gravel
		4150-4200 ft. of sand and gravel
		4200-4250 ft. of sand and gravel
		4250-4300 ft. of sand and gravel
		4300-4350 ft. of sand and gravel
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		5900-5950 ft. of sand and gravel
		5950-6000 ft. of sand and gravel
		6000-6050 ft. of sand and gravel
		6050-6100 ft. of sand and gravel
		6100-6150 ft. of sand and gravel
		6150-6200 ft. of sand and gravel
		6200-6250 ft. of sand and gravel
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		6900-6950 ft. of sand and gravel
		6950-7000 ft. of sand and gravel
		7000-7050 ft. of sand and gravel
		7050-7100 ft. of sand and gravel
		7100-7150 ft. of sand and gravel
		7150-7200 ft. of sand and gravel
		7200-7250 ft. of sand and gravel
		7250-7300 ft. of sand and gravel
		7300-7350 ft. of sand and gravel
		7350-7400 ft. of sand and gravel
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		7800-7850 ft. of sand and gravel
		7850-7900 ft. of sand and gravel
		7900-7950 ft. of sand and gravel
		7950-8000 ft. of sand and gravel
		8000-8050 ft. of sand and gravel
		8050-8100 ft. of sand and gravel
		8100-8150 ft. of sand and gravel
		8150-8200 ft. of sand and gravel
		8200-8250 ft. of sand and gravel
		8250-8300 ft. of sand and gravel
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		9000-9050 ft. of sand and gravel
		9050-9100 ft. of sand and gravel
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		9150-9200 ft. of sand and gravel
		9200-9250 ft. of sand and gravel
		9250-9300 ft. of sand and gravel
		9300-9350 ft. of sand and gravel
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		9750-9800 ft. of sand and gravel
		9800-9850 ft. of sand and gravel
		9850-9900 ft. of sand and gravel
		9900-9950 ft. of sand and gravel
		9950-10000 ft. of sand and gravel

123387

Water Well Log # 131

State of Montana }
County of McCone }

Office of Clerk and Recorder

Filed this 29th day of December, A. D. 1961

at 1:15 o'clock P. M.

Clerk and Recorder

By _____

For _____

13

File No.

T. 18N R. 46E

DUPLICATE

County McCone

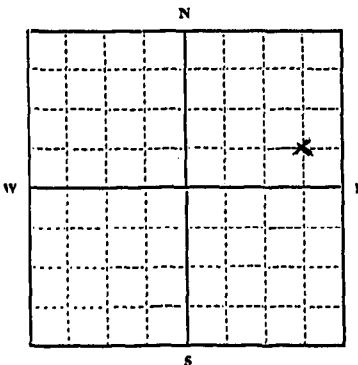
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 16 1963
STATE ENGINEER

1. Northern Pacific Railway Company, of N.P. Bldg. St. Paul
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based Furnishing water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947

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 None.

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

Section 13 T. 18N R. 46E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well, drilled in 1947.

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 34 feet deep - 6-inch casing.

10. The estimated amount of groundwater withdrawn each year.

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

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

Northern Pacific Railway Company
Signature of Owner By J. H. DeLongue
Dist. Supervisor, Graz. & Cult.
Date December 11 th, 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.

9310

126960

Water Well Log # 275

State of Montana }
County of Yellowstone }

Office of Clerk and Recorder.

Filed this 13th day of

December, A. D. 1963

at 9:05 o'clock A. M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee \$2.00

File No. _____

MAY 14 1970

T. _____ R. _____

TRIPLICATE

County Deer

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Uto Spidell Address Beckman Mont.

Driller James D. Spidell Address Indian Mont.

Date of Notice of appropriation of groundwater _____

Date well started 4-24-70 Date completed 4-25-70

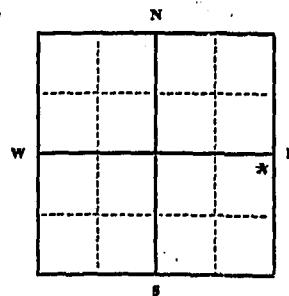
Type of well drilled Equipment used rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
6 in.	4 in. 10 lb.	1	2-15	5 1/2 in. 4.83 in.	161	245

Doc. No. 136746
Filed for record
his 8th of May
A. D. 19 70 at 11:00
o'clock a.m.



Static Water Level for non-flowing well 70 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 174 feet

at 10 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested 24 hr.

Length of Test 24 hr.

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

NE 1/4 Sec. 14 T. 18 N. R. 46 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 29

Driller's Signature James D. Spidell

46443

File No.

MAY 14 1970

T. R.

TRIPPLICATE

County McCone

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Alto Spindly Address Brackney, Mont.

Driller Dr. J. J. Spindly Address Brackney, Mont.

Date of Notice of appropriation of groundwater _____

Date well started 4-24-70 Date completed 5-1-70

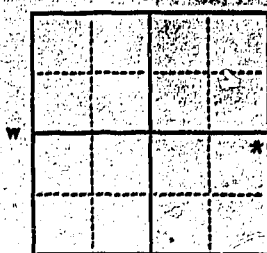
Type of well drilled Equipment used drill
(Dug, driven, bored or drilled) (Cased, drill, rotary or other)

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, and the depth at which water is encountered, thickness and character of water bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6 in.	4 in. 10 lb.	1	245	Kind Size From (Feet) To (Feet)

Doc. No. 136746
Filed for record
this 8th day of May
A. D. 1970, at Helena
O'clock 2:31



Static Water Level for non-flowing well _____

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____

at _____ gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested Pressure

Length of Test 5 hrs.

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

Sec. 14 T. 18 N. R. 11 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 29

Driller's Signature Dr. J. J. Spindly

46443

136746

WATER WELL LOG FILE NO. 688

State of Montana ss.
County of McCone ss.

Office of Clerk and Recorder.

Filed this 8th day of
May, A. D. 1970
at 11:05 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By *Mary C. Luckless*
Deputy
Fee \$2.00

File No.

687

T.

18 R 46

TRIPLICATE

County DE CONE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner. Goldberg Brothers Address Brookway, Montana

Driller. Ivo C. Bond & Sons Address Terry, Montana

Date of Notice of appropriation of groundwater.

Date well started. Date completed.

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6da	0	79	none		
4"	4x	0	93	9/16	90	96

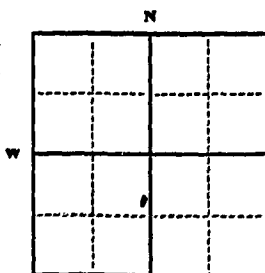
Doc. No. 136629

Filed for record

this 10 day of April

A. D. 1970 at 4:30

o'clock pm.



NE 1/4 Sec 21 T. 18 R. 46
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 50 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 90 feet

at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested 1/4" / 1/4" / bailed

Length of Test 4 hrs.

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

used 5 00 to case off

bad water

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

46342

DOC. NO.

136629

WATER WELL LOG FILE NO. 687

GULDBERG BROS., INC.

TO

THE PUBLIC

State of Montana } ss.
County of McCone

Office of Clerk and Recorder

Filed this 10th day of

April A. D. 1970

at 4:30 o'clock P. M.

Gloria Brennan
Clerk and Recorder

By *Mary L. Lipples*
Deputy

Fee \$2.00

MONTANA WATER RESOURCES BOARD
RECEIVED

APR 14 1970

GW 1

File No. 492T. 14 N. 18 E. 46

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater
Appropriation by Means of STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 2500.)

Yellow sandy loam

28 Sand & seepage
30 Blue loam

Owner Albert Brost Address Brockway, MontanaDriller Albert Brost Address Brockway, MontanaDate of Notice of Appropriation of Groundwater N/ADate well started May 29, 1956 Date Completed June 9, 1956

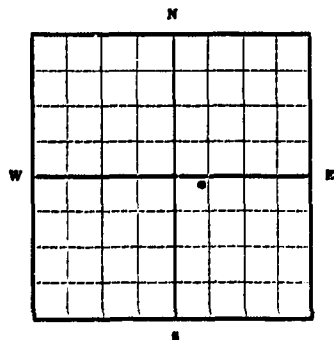
Type of well Drilled Equipment Used Churn drilled
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" ID 11 lbs per ft	top	105	Slots 5/16	25 93	30 100

95 Water sand
99 Blue clay
105 THE END



SE 1/4 Sec. 24 T. 18 R. 46

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 28 feet.Shut-in Pressure for Flowing Well N/APumping Water Level 85 feet at 28 gal. per minute.Discharge in gal. per min. of flowing well N/AHow Tested Water Length of Test 1 hour

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

acres irrigated, if used for irrigation)

Gravel packed water vein

No. 45
Driller's License NumberAlbert Brost
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.

36463

Doc. No.

127251

Water Well Log # 492

Albert Brost

TO

The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963 A. D.,
at 8:35 A. M.

Henry E. Signal
County Clerk

Fee: \$2.00

CIVIL ENGINEER

File No. 477T. 18N R. 46E 26

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

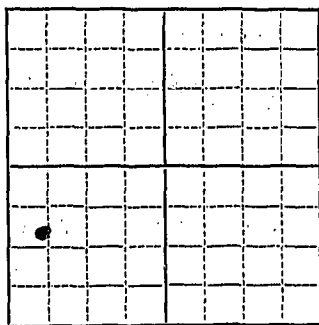
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James N. Moline of Brockway
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW
SW 1/4 Sec. 26 T. 18 R. 46

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

2. The beneficial use in which the claim is based household
and farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947

all year, every year

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
1/2 acre of garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947

8. The depth of water table about 300 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 the well is 300 feet deep
with 4 and 6 inch casing

10. The estimated amount of groundwater withdrawn each year 100,000 to 200,000 gal. per year

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 do not know of any

Signature of Owner James N. MolineDate 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.

36448

DOC. NO. 127236

WATER WELL LOG FILE NO. 477

JAMES H. MOLINE

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF MCCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.
at 8:21 o'clock, a.m.

COUNTY CLERK

FEE: \$2.00

21H 22 91 12 11

for front

1/2 cent of 1000

1441

James H. Moline

James H. Moline

James H. Moline

RECEIVED
JAN 1 1964
COUNTY CLERK

File No.

T 15 R 46

TRIPLICATE

County Be Cone

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

0-1 top soil
1-20 yellow clay
20-30 sandstone
30-44 gumbo
44-54 coal
54-70 gumbo
70-80 coal
80-90 gumbo & sand
90-100 gumbo
100-114 sand trace
114-120 gumbo
120-126 coal
126-135 gumbo
135-208 sand
208-230 gumbo
230-335 water sand

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner James Collins Address Brookway, MontanaDriller Ira C. Bond & Sons Address Terry, Montana

Date of Notice of appropriation of groundwater.....

Date well started 1/1/73 Date completed 1/20/73Type of well drilled Equipment used cable tool & rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

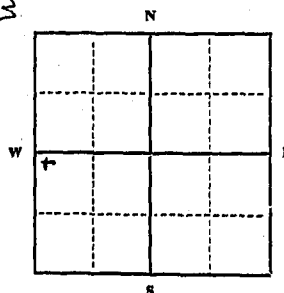
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" 1d	0	102	none		
5 3/4"	4" 1d	0	335	slits	295	334

141553

June 28, 1973

10:35 A.M.

Static Water Level for non-flowing well 80 feet.Shut-in Pressure for Flowing Well 128Pumping Water Level 5 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailedLength of Test hrs.

Remarks: (Gravel packing, cementing, pack-

org. type of shutoff)

6" cemented
gravel packed

NW 1/4 Sec. 25 18 46
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

335 Show exact depth of bottom.

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

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

37 Driller's License Number

Driller's Signature

54617

Doc. No. 141553

Water Well Log File No. 730

State of Montana }
County of McCone }

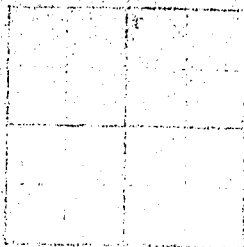
Office of Clerk and Recorder

Filed this 28th day of
June, A. D. 1923
at 10:35 o'clock A. M.

Alvin L. Brennan
Clerk and Recorder

By *Mary L. Kuebler*
Deputy

Fee \$2.00



G

Approved Stock Form—State Publishing Co., Helena, Montana 59606

File No. 476

T 18 R 46

DUPLICATE

County Mc Cone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

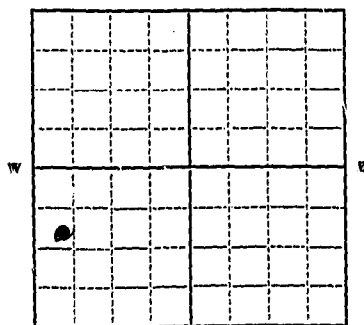
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

James N. Moline of Brockway
(Name of Appropriator) (Address) (Town)
County of Mc Cone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW
SW 1/4 Sec. 16 T. 18 R. 46

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1927

all year, every year

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

pump jack and electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1926 to 1927

8. The depth of water table. 300 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. the well is 320 feet deep

with 4, 5 and 6 inch casing

10. The estimated amount of groundwater withdrawn each year. 100,000 To 200,000 gal. per year

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. do not know of any

Signature of Owner

James N. Moline

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.

36447

Doc. No. 127235

WATER WELL LOG FILE NO. 476

JAMES N. MOLINE

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF MCGONE)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:20 o'clock, a.m.

[Signature]
COUNTY CLERK

FEE: \$2.00

214-24-318-48

12-31-63
copy made from
original log

copy of log

copy of log

GW 2

File No. 478

DUPLICATE

T. 18 N. R. 46 E. 41

County McConeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEERRECEIVED
JAN 16 1964Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

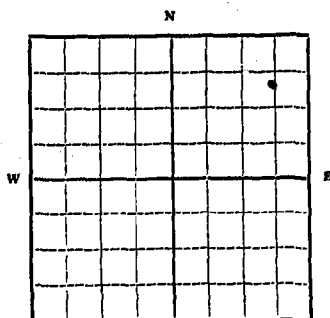
Top of Ground

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

6 ft Clay
6 ft water level
8 ft Pumping level
6 ft to 20 ft
sand and gravel
20 ft bottomOwner James N. Malin Address Brakey MontDriller James N. Malin Address Brakey MontDate of Notice of Appropriation of Groundwater —Date well started Oct 1, 1963 Date Completed Oct 5, 1963Type of well Drilled Equipment Used Hand auger
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
9 inch	6 inch galvanized	20 ft		lined	8 ft	20 ft



NE 1/4 NE Sec 27, T. 18, R. 46

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 6 ft feet.Shut-in Pressure for Flowing Well nonePumping Water Level 8 ft feet at 3 gal. per minute.Discharge in gal. per min. of flowing well noneHow Tested Pumped Length of Test 3 days

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) noneshovel packedDriller's License Number noneDriller's Signature James N. Malin

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.

36449

DOC. NO. 127237

WATER WELL LOG FILE NO. 478

JAMES N. MOLINE

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.
at 8:22 o'clock, a.m.

D. J. Murphy & Co.
COUNTY CLERK

FEE: \$2.00

RECEIVED
JAN 1 1964
STATE ENGINEERS

G1

Approved Stock Form—State Publishing Co., Helena, Montana—36495

File No. 547T. 18N R. 46E

DUPLICATE

County McCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

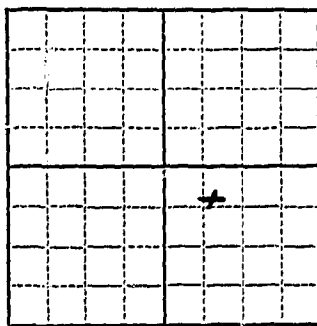
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Guldborg Bros Inc. of Brockway
(Name of Appropriator) (Address) (Town)
County of McCONE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW
of S.E. 1/4 of Sec. 28, T. 18, R. 46

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 stock3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1 19504. The amount of groundwater claimed (~~in miner's inches~~ or gallons per minute) 5700 per min5. 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 USED FOR IRRIGATION6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECT. PUMP7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 1950
JULY 19508. The depth of water table 47 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 DRILLED 6 IN. CASING 60 FT.10. The estimated amount of groundwater withdrawn each year 500,00011. The log of formations encountered in the drilling of each well if available UNKNOWN12. 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

Signature of Owner

Guldborg Bros. Inc.
Thomas Guldborg
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.

36519

DOC. NO. 127308

WATER WELL LOG FILE NO. 547

GULDBERG BROS., INC.

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF MOON)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of Jan., 1964 A.D.

at 8:38 o'clock, a. m.


COUNTY CLERK

FEE: \$2.00

42 E of 28 N. W. 40
W.M.

FILED

File No. 546T 18N R 46E

DUPLICATE

County MCCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

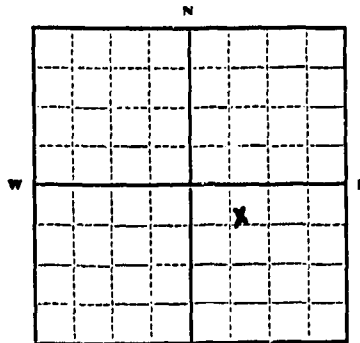
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Guldborg Bros. Inc. of Brockway
(Name of Appropriator) (Address) (Town)
County of MCCONE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW
of SE 1/4 OF Sec 28 T. 18 R. 46

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been JULY 1945
4. The amount of groundwater claimed (~~in cubic inches~~ or gallons per minute) 59 GALLONS PER MIN
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT USED FOR IRRIGATION
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELEC. PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 1945
JULY 1950
8. The depth of water table 60 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 DRILLED 6 IN. CASING 140 FT.
10. The estimated amount of groundwater withdrawn each year 500,000
11. The log of formations encountered in the drilling of each well if available UNKNOWN
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

Signature of Owner

Guldborg Bros. Inc.
Thomas Guldborg

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.

36518

DOC. NO. 127307

WATER WELL LOG FILE NO. 946

GULIBERG BROS., INC.

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of Jan., 1964 A.D.

at 8:37 o'clock, a.m.

Henry E. Pichel
COUNTY CLERK

FEE: \$2.00

File No. 549T 18N R 46E

DUPLICATE

County McCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

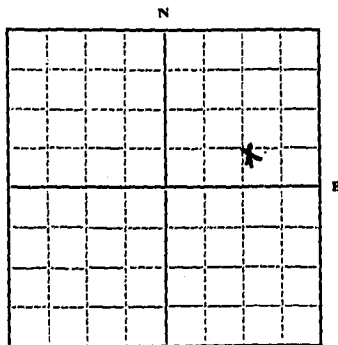
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Guldborg Bros Inc, of BROCKWAY
(Name of Appropriator) (Address) (Town)
County of McCONE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE

of N.E. 1/4 of Sec. 27, T. 18, R. 46

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 AND STOCK

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

JULY 1 19554. The amount of groundwater claimed (~~in cubic inches~~ in gallons per minute).59 GALLONS PER MIN.

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

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

ELEC. PUMP

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

MAY 1 1955
MAY 5 1955

8. The depth of water table.

47 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.

6 IN. CASING, 47 FT. DRILLED

10. The estimated amount of groundwater withdrawn each year.

1,000,000

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

UNKNOWN

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 AVAILABLESignature of Owner Guldborg Bros, Inc.Date Thomas GuldborgDec. 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.

36521

DOC. NO. 127310

WATER WELL LOG FILE NO. 549

GULDBERG BROS., INC.

TO

THE PUBLIC

STATE OF MONTANA)
COUNTY OF McCONE)SS

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of Jan., 1964 A.D.

at 8:40 o'clock, a. m.

FEE: \$2.00

COUNTY CLERK

Guldborg Bros Inc

McCone

Horse and stock

copy 11122

2d 11122 not min

2E
JAN 02 53 18 44

Exec. Bureau

51,506

140195

WATER WELL LOG FILE NO. 722

GULDBORG BROS., INC.
BROCKWAY, MONTANA

TO

THE PUBLIC

STATE OF MONTANA)

SS

COUNTY OF McCONE)

The within instrument was filed for record on Sept. 27th, 1972, at 1:20 O'clock P.M. and is duly filed.

County Clerk and Recorder

Fee \$2.00 paid.

File No. 624

T-18

N R 46 E 31

DUPLICATE

STATE WATER CONSERVATION BOARD

R E C E I V E D
SEP 1 1965County McConeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

REFERENCED TO

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

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

0' - 1' Brown Loam

1' - 17' LT. Yellow Loam

17' - 42' LT. Brown Soil

42' - 108' Gray Soapstone

108' - 143' Gray Sandstone

143' - 145 1/2' Coal

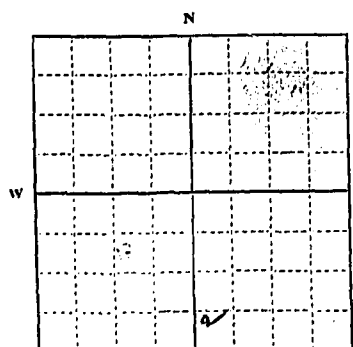
Owner Jacob Gackle Address Circle, Mont.Driller Joe Johnson Address Terry, Mont.

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

Date well started Aug. 25, '65 Date Completed Aug. 27, '65Type of well Drilled Equipment Used Spudder
(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)
5 5/8	4" I.D. 9 1/2 #4	Top	Bottom	Holes 3/8"	115'	145 1/2'



SW 1/4 SE 1/4

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..... 110 feet

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

Pumping Water Level..... 130 feet at 15 gal. per minute.

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

How Tested Baler Length of Test 2 hrs app

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

Driller's License Number 154Driller's Signature Joe Johnson

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

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

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

39500

130283

Water Well Log #624.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 30th day of
August A. D. 1965

at 10:00 o'clock A. M.

Gloria Brennan

Clerk and Recorder

Alice E. Hallen

Deputy

Fee \$2.00

DEC 30 1959

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG 6.10.19

Betty &

Owner.....**Marlin J. Shannon**.....Address.....**Brookway, Montrose**.....

Driller.....Ira C. Bond.....Address.....Gerry, Montana.....

Date Started.....**December 22, 1950**.....Date Completed **December 26, 1950**

Location: Sec. 33 T. 18 R. 46 $\frac{1}{4}$ sec. 31⁴ of 24⁴ [5]

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 136 ft. Type: Steel Size: 4 inch

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

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

Perforated or Screened: Ft. 114 to ft. 128 Ft. to ft.

Type of screen or perforations.....~~5/16 in. holes out three in. apart with cutting torch~~

Static Water level, for non-flowing well: 98 feet.

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

Pumping water level 126 feet at 4 gal. per min.

How tested: **With bailer**

Length of test..... **one hour**

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

(over)

Dog of Well

Depth, feet		Description of Material Drilled
From	To	
0	1	Topsoil
1	64	Yellow Clay
64	72	coal with clay mixed
72	105	Sandy clay
105	109	Gumbo
109	111	Rock
111	114	Sandy Clay
114	128	Water Sand
128	136	Gumbo

DOC. NO. **120014**
 WATER WELL LOG FILE NO. 34

State of Montana)
 County of McCone) ss.
 Office of Clerk and Recorder.

I hereby certify that the within
 instrument was filed in my office on
 the 26th day of December
 A. D. 1959 at 11:10 o'clock A.M.
 and was duly filed
 and was duly recorded in Book _____
 at Page _____
 Records of McCone County, Montana.

[Signature]
 Clerk and Recorder

By _____ Deputy
 Fee none

File No.

DUPLICATE

T 18 N R 46 E

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
June 17, 1965
STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Well
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

4 Black sandy loam
22 Yellow shale
14 Gray shale
8 Black shale
2 Coal
23 Blue shale
2 Watersand 1 gpm
22 Blue shale
2 Watersand 1 gpm
23 Blue shale
20 Watersand 9 gpm
5 open hole
Grey shale bottom shale

Owner Guldborg Bros. Inc. Address Brockway, MontDriller Ira C. Bond Address Terry, Montana

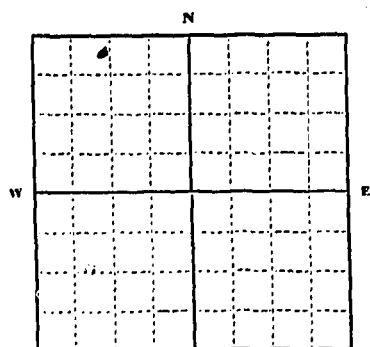
Date of Notice of Appropriation of Groundwater.....

Date well started 5/11/65 Date Completed 5/14/65Type of well Drilled Equipment Used Cabletool
(dug, driven, bored or (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)
5 5/8	4 in. 10.89 #	surface	157	burned 3/8	132	152



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.....feet.

135'

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

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

140

5

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

How Tested.....Length of Test.....

bailer

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).....

Driller's License Number

Ira C. Bond
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.

39227

129847

State of Montana } ss.
County of McCone }
Water Well Log #621
Office of Clerk and Recorder.

Filed this 15th day of
June A. D. 1945
at 10:30 o'clock A. M.

Gloria M. Brennan
Clerk and Recorder

By *Alvin E. Hallen*
Deputy

Fee \$2.00

File No.

DEC 29 1965

T. 18 N. R. 46 E. 35

DUPLICATE

Bill: _____ McDermott _____
 But: _____ McNulty _____
 Coy: _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

County: ...

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: _____ Address: _____

Driller: _____ Address: _____

Date of Notice of Appropriation of Groundwater: _____

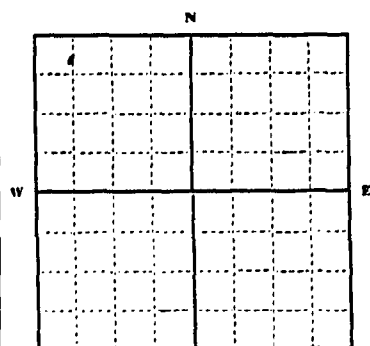
Date well started: June 3, 1965 Date Completed: June 7, 1965

Type of well: _____ Equipment Used: _____
 (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)
5 5/8	4" ID 1069	Surface	144	5/16 turned	118	132



N 1/4 Sec. 35 T. 18 N. R. 46 E.
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 44 feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 23 feet at 5 gal. per minute.

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

How Tested: _____ Length of Test: 2 hr.

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

Driller's License Number

Driller's Signature

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

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

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

40165

131028

Water Well Log #629.

State of Montana }
County of McCone }

Office of Clerk and Recorder.

Filed this 27th day of

Dec. A. D. 1965

at 2:10 o'clock P. M.

Gloria H. Brennan
Clerk and Recorder

By *Alvin E. Walker*
Deputy

Fee \$2.00

City

GROUNDWATER INDEX

Page of

County McCone

Twp. 18 N

Rge. 47E

[illegible]

GWS

File No. 353

DUPLICATE

T. 18N R. 4E 2
County McCone
RECEIVED
JAN 16 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

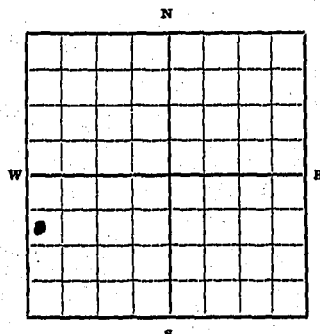
Date of Appropriation of Groundwater

Owner Glenn Waller Address Circle, Mont

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. Spring flowing to the surfaceNW 1/4 SW Sec. 2 T. 18N R. 4E

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

20 gals a minute used
5 months each yearSignature of Owner Glenn WallerDate Dec. 26, 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.

127104

No. No.

Water Well Log / 23

Glenn Waller

TO

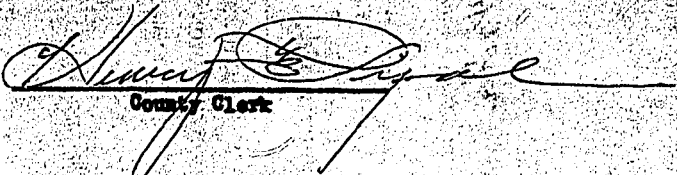
The Public

State Of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of December

1963 A. D., at 11:20 A. M.


County Clerk

Fee: \$2.00

RECORDED
INDEXED
DEC 27 1963
CLERK OF COURT

GW 2

File No. 597

DUPLICATE

RECEIVED

APR 9 1964

T 18 N R 47

County McCone

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)

Owner Stanley Robbins Address Cirole, Montana
 Driller Albert Brost Address Brookway, Montana
 Date of Notice of Appropriation of Groundwater
 Date well started October 14, 1963 Date Completed October 17, 1963
 Type of well Drilled Equipment Used Churn drilled
 (dug, driven, bored or (Churn, drill, rotary or
 drilled) other)
 Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size Slots	From (Feet)	To (Feet)
6 inch	4" 11 lbs per ft	top	126	3/16	100	110
					115	122

Top of Ground
 (Elev. above sea level 2437)

Yellow sandy
 sandy loam

50 ft Blue clay

60 ft water level

61 ft Sand with Seepage

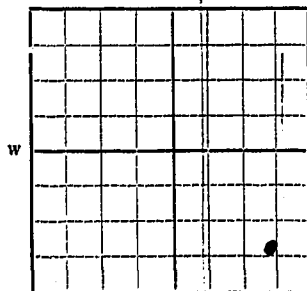
63 ft Blue clay

100 ft Water Sand

107 ft Blue clay

117 ft Water Sand

123 ft Blue clay
 THE END at 126 ft



SE 1/4 Sec 2 T 18 R 47

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 60 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 90 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well N/A

How Tested Baler Length of Test 1/2 hour

Remarks: (Gravel packing, cementing, packers, type of shut off, 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 water vein

No. 45
 Driller's License Number

Albert Brost
 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.

35561

Doc. No.

127732

WATER WELL LOG FILE NO. 597

STANLEY ROBBINS

TO
THE PUBLIC

STATE OF MONTANA)

)88

COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

This instrument was filed for
record on April 1st, 1964 at 12:30

o'clock p.m. &

[Signature]
County Clerk & Recorder

Fee \$ 2.00

GW2

File No. 491T. 18 N. R. 47

DUPLICATE

County McConeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

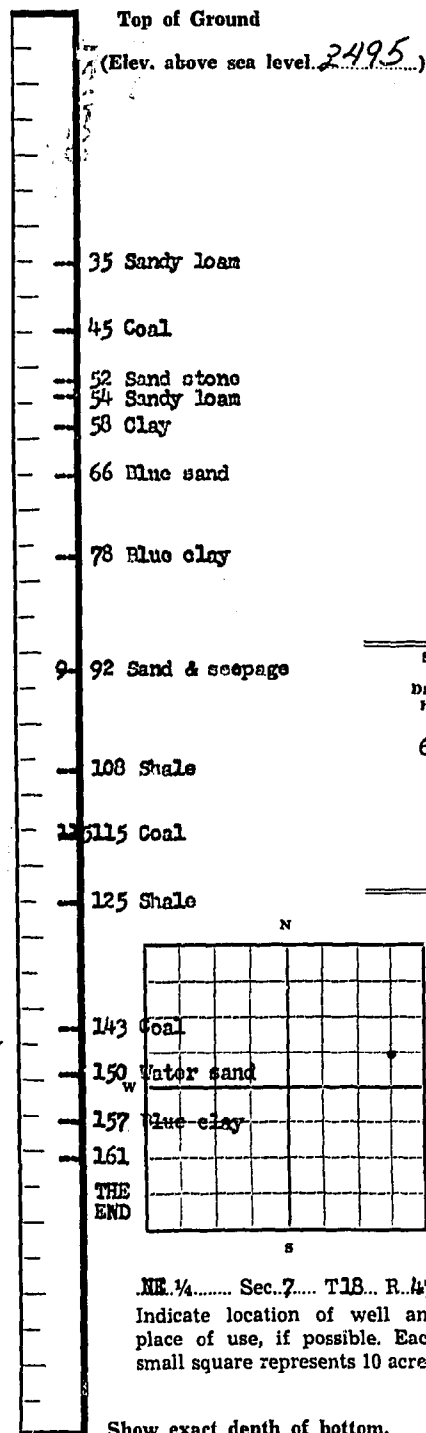
JAN 16 1964

**Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Albert Prost Address Brookway, MontanaDriller Albert Prost Address Brookway, MontanaDate of Notice of Appropriation of Groundwater N/ADate well started Oct. 18, 1961 Date Completed Oct. 29, 1961Type of well Drilled Equipment Used Churn Drilled
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" ID 11 lbs per ft	top	161	Slots in casing 5/16	92 143	110 156

Static Water Level for non-flowing Well 50 feet.Shut-in Pressure for Flowing Well N/APumping Water Level 100 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well N/AHow Tested Balor Length of Test 1/2 hour

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

Gravel packed water veinDriller's License Number No. 45Driller's Signature Albert Prost

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.

36462

Doc. No. 127250

Water Well Log #491

Albert Brost

TO

The Public

State Of Montana }
County Of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963, A. D.,
at 8:34 a. M.

Harry E. Sigal
County Clerk

Fee: \$2.00

84

RECEIVED
JAN 1 1964
STATE ENGINEER

T. 18 R. 47

County NoCons

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 7 1960

WATER WELL LOG

STATE ENGINEER

	X	

Owner James Moline Address Brookway, Montana

Driller Ira G. Bond Address Terry, Montana

Date Started Sept. 5, 1960 Date Completed Sept. 10, 1960

Location: Sec. 18 T. 18 R. 47 1/4 sec. SW of the SE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 110 ft. Type Steel Size 4 inch

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

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

Perforated or Screened: Ft. 88 to ft. 99 Ft. _____ to ft. _____

Type of screen or perforations 5/16 in. holes cut three in apart with torch

Static Water level, for non-flowing well: 70 feet.

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

Pumping water level 90 feet at 5 gal. per min.

How tested: with bailer

Length of test one hour

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

RECEIVED
SEP 27 1960

STATE ENGINEER

(over)

Log of Well

[illegible]

File No. 475T. 18N R. 47E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

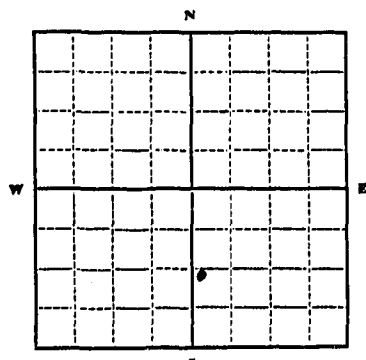
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James N. Moline of Brookway (Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW
SE 1/4 Sec. 18, T. 18N, R. 47E

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October, 1960
every year
spring, summer and fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gallons per minute
while in use for stock

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.
pump jack and electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commencement about Oct. 15, 1960 and
completed Oct. 20, 1960

8. The depth of water table. about 100 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. The well is 11.9 ft. deep with
4 inch casing

10. The estimated amount of groundwater withdrawn each year. 100,000 gal. to 150,000 gal. per yr.

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. do not know of any

Signature of Owner James N. Moline

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.

36446

DOC. NO.

127234

WATER WELL LOG FILE NO. 475

JAMES N. MOLINE

TO


THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF MOORE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:19 o'clock, a.m.


COUNTY CLERK

FEE: \$2.00

File No. _____

T. 18N R. 47E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

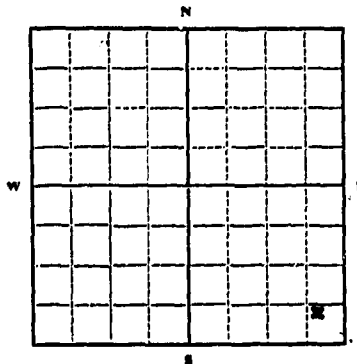
RECEIVED
NOV 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Co. of H.F. Stockyard Stockyard
(Name of Appropriator) (Address) (Town)
County of McCone 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 T. 18N R. 47E

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.....
Stockyard facilities

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
Aug. 2, 1954 to present

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
Started July 22, 1954 completed Aug. 2, 1954

8. The depth of water table..... 19 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.....
6 inch drilled well, 309 feet deep

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..... see attached log 33A

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 S. J. JohnsonDate Nov 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.

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