GW 4

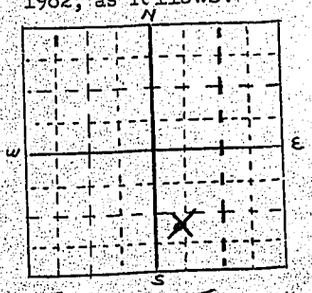
T. 11 N R. 26 E
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Harold O. Eliasson, of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E.¼ Sec. 5 T. 11 R. 26

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

2. The beneficial use on which the clain is based Live-Stock Water Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 g.p.m. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1950

8. The depth of water table 120 feet

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

10. The estimated amount of groundwater withdrawn each year 150,000

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

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

Signature of Owner Harold O. Eliasson

Date Dec. 30, 1963

20484

169639

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 11:26 O'CLOCK a M.
R. E. MATZKE
COUNTY RECORDER
Frances L. Dawson
DEPUTY

GW 2 STATE WATER CONSERVATION BOARD 174478 Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No. ..... SEP 15 1966

T 11N R 26E 10

DUPLICATE Billings ..... McCone ..... Butte ..... Musselshell ..... Cascade ..... Norton ..... Darlington ..... Sullivan ..... Lake .....

County Musselshell

Top of Ground .....

(Elev. above sea level 3535)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0'-5' - Rocks & Sandy Soil
5'-15' - Gravel
15'-40' - Bentonite
40-55 - Brown Shale
55-70 - Black Shale
70-93 - Blue Sandstone
93-95 - Rock
95-105 - Gray Sandstone
105-110 - Dk Gray Sandrock
110-125 Dk Gray sandstone & streaks shale
125-130 Dk Gray Shale & streaks Sandstone
130-161 Dk Gray Shale

Owner Bureau of Land Management Address Lewistown, Mont.

Driller Joe Johnson Address Terry, Mont.

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

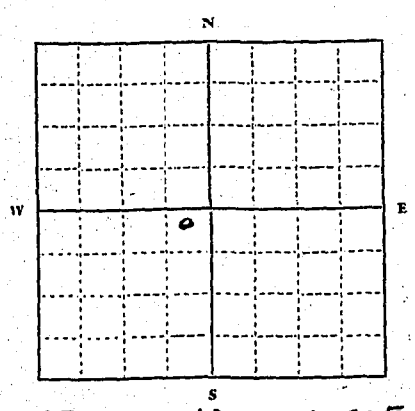
Date well started 7/9/66 Date Completed 7/14/66

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Cable Tool (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)
7 7/8"	6" I.D. 19.18 # 8/F	0'	162	slots 1/4"	94	115



NE 1/4 SW Sec. 10 T. 11N R 26E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 91 feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level 95 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well Not applicable

How Tested Bailer Length of Test 1 hr.

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

Packers at 93' 50' 10'

154
Driller's License Number

Joe Zen Johnson
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.

41,401

171478

STATE OF MONTANA,
MUSSELSHELL COUNTY } ss.

FILED THIS 14 DAY OF
Sept A. D. 19 66
AT 4:20 O'CLOCK P. M.

Claude L. Litten
COUNTY RECORDER

2.00 DEPUTY

32

T. 11 R. 26

County Musselshell

RECEIVED
OCT 5 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner E. C. Daugherty Address Roundup, Mont.

Driller P. L. Ferguson Address Roundup, Mont.

Date Started Aug 1 - 1960 Date Completed Aug 15 - 1960

Location: Sec. 32 T. 11 R. 26 ¼ sec. S.E. of N.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 - 435 ft. to 435 ft. Type 20 gauge Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 408 to ft. 435 Ft. to ft.

Type of screen or perforations Slot

Static Water level, for non-flowing well: 320 feet.

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

Pumping water level 120 feet at 40 gal. per min.

How tested: bailing

Length of test 1 hr.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	134	Surface Soil
134	136	Hard lime shell
136	161	Claggart shale
161	164	Hard lime shell
164	302	shale
302	406	Sandy shale
406	408	Hard sand
408	435	Porous sand - Eagle sandstone (Water)

GROUNDWATER INDEX

County Musselshell Twp. 11N Rge. 27E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
8	Nebraska Feeding Co.	GW4	166622	
15	" " "	GW3	166625	
24	" " "	GW4	166623	
24	Goffina, Jerome T.			
24	Nebraska Feeding Co.	GW3	166626	
32	Elliasson, E. S.			
33	Nebraska Feeding Co.			
33	" " "	GW4	166624	

4—Helena Independent Record

No. 8

File No.

T 11N R 27E

DUPLICATE

County Musselshell

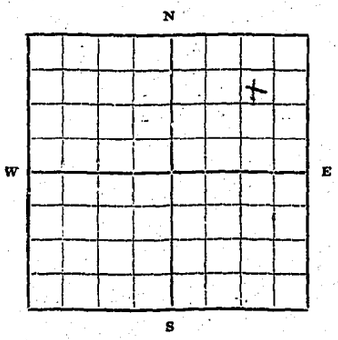
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JUN 30 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Nebraska Feeding Company, of 701 Livestock Exch. Bldg. Omaha
(Name of Appropriator) (Address) (Town)
County of Douglas State of Nebraska
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ NE Sec. 8 T 11N R 27E

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 June3, 1961 used each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumped by windmill; location NE¼NE¼ Sec. 8, T11N, R27E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction begun May 28, 1961 and completed June 2, 1961.

8. The depth of water table 45 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 351 feet deep

10. The estimated amount of groundwater withdrawn each year 540,000 gal.

11. The log of formations encountered in the drilling of each well if available 0-2 gumbo;2-8 brwn. shale; 8-26 blue shale; 26-36blue shale and sandy clay;36-81grey black shale;81-90grey shale 90-208 grey shale with bentonite;208260blue sandstone;260-276 blue snad shale; 276-304blue sandstone and shale;304-312 grey shale; 312-335 blue grey snad;335-340 grey sandy shale; 340-351 dark shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This is wellnumber 12 as is listed on the Nebraska Feeding Company map that is in the possession of the ranch foreman.

Signature of Owner Nebraska Feeding Company By W.C. Tyler, V.Pres.

Date June 22, 1962

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

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

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

1887

166622

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 23 DAY OF
July A.D. 19 62
AT 8:06 O'CLOCK a M.

R. H. MATZKE
COUNTY RECORDER.

Elaine J. Grossman
DEPUTY.

$2.00

GW 3

File No. .....

DUPLICATE

T. 11N R. NE 27E

County Musselshell

RECEIVED
JUL 30 1962
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

Owner Nebraska Feeding Co. Address 702 Livestock Exch. Omaha 7, Nebr.

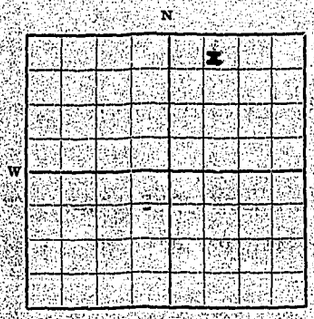
Contractor (if any) none

Address of Contractor none

Date Started undetermined early date Date Completed .....

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

natural flow from ground into coulee, spring is cleaned out periodically by ranch hands.



NW ¼ NE Sec. 15 T. 11N R. 27E

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

Flow of water used is about 3 gallons per minute as estimated by eye of ranch foreman. Water used each year as stock water.

Signature of Owner Nebraska Feeding Company By D.C. Foley, Jr. Pres.

Date July 12, 1962

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.

SPRING A

1891

166625

STATE OF MONTANA }
MUSSELSHELL COUNTY } ss.

FILED THIS 27 DAY OF July A. D. 19 62

AT 8:12 O'CLOCK a M.

R. H. MATZKE
COUNTY RECORDER

Elaine J. Sherman
DEPUTY

92.00

1—Helena Independent Record

24

File No.....

T. 11N R. 27E

DUPLICATE

County Musselshell

RECEIVED

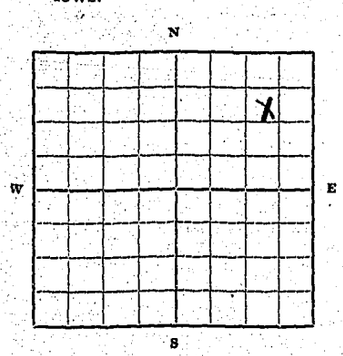
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Nebraska Feeding Company, of 701 Livestock Exch. Bldg. Omaha
(Name of Appropriator) (Address) (Town)
County of Douglas State of Nebraska
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ NE Sec. 24 T 11N R 27E

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 May 17, 1948 used each year since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumped by gas motor location NE¼NE¼ Sec 24, T11N, R27E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction started April 13, 1948 and completed May 16, 1948.

8. The depth of water table 250 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 in. casing to 288 ft; well is 375 ft. deep.

10. The estimated amount of groundwater withdrawn each year 540,000 gal.

11. The log of formations encountered in the drilling of each well if available 0-25 ft. bentonite and shale;25-62 bentionite & soft brwn. shale;62-91 sandstone;91-105 black shale; 105-112 clay;112-120 sandstone;120-140 shale;140146 sandstone;146-154 clay & shale; 154-156 sandstone;156-200 sandy shale;200-344 sandstone;344-350 sandy shale;350-375 grey shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This is well number 13 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

Signature of Owner Nebraska Feeding Company by W.C. Tyle, V. PRES.

Date June 22, 1962

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

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

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

1888

166623

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 27 DAY OF
July A. D. 19 62
AT 8:08 O'CLOCK a M.

B. H. MATZKE
COUNTY RECORDER

Elaine L. Grossman
DEPUTY

$2.00

10N 27E 24

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 16 1970

STATE OF MONTANA

ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601

DONALD A. GARRITY, ATTORNEY
422 NORTH PARK AVENUE
HELENA, MONTANA 59601

JUDSON D. SWEET,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

HERBERT D. HADLEY, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
525 SECURITIES BLDG.
BILLINGS, MONTANA 59101

ALLEN ZIMMERMAN, VICE CHAIRMAN
P. O. BOX 277
POPLAR, MONTANA 59255

E. G. BALSAM
2300 PEARL
MILES CITY, MONTANA 59301

L. V. HARRIS
NORSKY BLOCK BLDG.
HELENA, MONTANA 59601

C. J. IVERSON
WHITEFISH, MONTANA 59948

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
BOX 217
HELENA, MONTANA 59601

January 15, 1970

MONTANA WATER RESOURCES BOARD
Dir. Pln.
Adm. Inf.
Eng. Brd.
WRD ✓ RBC.
ECO WSW
Leg. CON

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

Dear Sir:

Enclosed you will find a copy of a Release Agreement for the utilization of a fresh water well.

Operator: B G & O Company
Lease Name: Hall - N. P.
Well No. 1-24, Sec. 24, T1ON, R27E
The well is located 1980 feet south of the North line and 2334 feet west of the East line.

Yours very truly,

N. J. Beaudry
Norman J. Beaudry
Executive Secretary

Enclosure
cc: Mr. E. W. Vond
Bureau of Mines and Geology
Butte, Montana 59701

APPROVED BY:

Oil and Gas Conservation Commission

Judson D. Sweet
Petroleum Engineer, Geologist, or Executive Secretary

Dated: JAN 13 1970, 19___

46051

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RECEIVED
JAN 1 1970
OIL & GAS CONS. COMM.
STATE OF MONT.
BILLINGS

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Jerome T. Goffena of the County of Musselshell in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator B & G COMPANY

Lease Name HALL - H.P.

Well No. 1-24 Sec. 24, Twp. 10N, Rge. 27E

The well is located 1980 feet S of the North line and 2334 feet W of the East line.

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

Water Use: Domestic ____ Municipal ____ Stock X Other ____
Industrial ____ Drainage ____ Irrigation ____

Producing Depth 500-600 Producing Formation Eagle

Yield of well ____ Annual Withdrawal ____

WITNESS my hand and seal this ____ day of ____, 19__.

Jerome Goffena (L.S)
Landowner
Address P. O. Box 537
Roundup, Montana

IN THE PRESENCE OF:

Margaret Goffena Address Roundup, Mont.
Gary Patterson Address Roundup Mont.

APPROVED BY:

Oil and Gas Conservation Commission

Judson W. Smith
Petroleum Engineer, Geologist, or Executive Secretary

Dated: JAN 13 1970, 19__

46051

General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

JAN 1970
RECEIVED
OIL & GAS CONS. COMM.
STATE OF MONT.
HELENA

GW 3

File No.....

DUPLICATE

Musselshell Co. GW4

24

T. 11 N R. 27 E

County Musselshell

RECEIVED JUL 30 1962 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

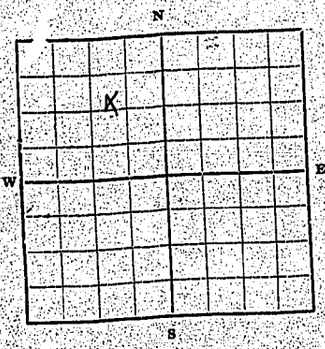
Owner Nebraska Feeding Co. Address 701 Livestock Exch Omaha, Nebraska

Contractor (if any) none

Address of Contractor none

Date Started undetermined early date Date Completed .....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable Natural flow from ground into a dam: spring cleaned out periodically by ranch hands.



NE ¼ NW Sec. 24 T 11 R 27

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

Flow of water is estimated to be about 3 gallons per minute as estimated by eye of ranch foreman. Water used each year as stock water.

Signature of Owner Nebraska Feeding Company by W.C. Tolly, Jr. Secy.

Date July 2, 1962

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.

1890

SPRING B

166626

STATE OF MONTANA }
MUSSELSHELL COUNTY }

FILED THIS 25 DAY OF
July A.D. 19 62
at 8:47 o'clock a.M.

B. H. MATZKE
COUNTY RECORDER
Elaine Dettmann
DEPUTY

42.00

11N 27E 32

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, E. S. Ellasson of the County of Musselshell in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator McAlester Fuel Company

Lease Name C. H. Hall Estate

Well No. 32-3 Sec. 32, Twp. 11 N., Rge. 27 E.

The well is located 330 feet S of the North line and 2352 feet E of the West line.

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

Water Use: Domestic ____ Municipal ____ Stock X Other ____

Industrial ____ Drainage ____ Irrigation ____

Producing Depth ____ Producing Formation Eagle

Yield of well ____ Annual Withdrawal ____

WITNESS my hand and seal this 29th day of September, 1971.

E. S. Ellasson (L.S)
Landowner

Address Roundup Mont

IN THE PRESENCE OF:

G. V. Gossman Address 30-11th Ave W. Roundup, Mont

Elaine J. Gossman Address 30 11th Ave W. Roundup, Mont

APPROVED BY:

Oil and Gas Conservation Commission
ORIGINAL SIGNED BY
Herbert D. Hadley, Petroleum Geologist

Petroleum Engineer, Geologist, or Executive Secretary

Dated: SEP 30 1971, 19__

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 4 1971

49177

OCT 1971
RECEIVED
OIL & GAS CONS. COMM.
STATE OF MONT.
HELENA

General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

11N 27E 10 33

STATE OF MONTANA

ADMINISTRATORS

NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601

JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELENA, MONTANA 59601

BILLY B. LANE, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101

GORDON D. LANOUETTE,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
BOX 217
HELENA, MONTANA 59601

COMMISSIONERS

WINSTON L. COX, CHAIRMAN
1925 GRAND AVENUE
BILLINGS, MONTANA 59102

CLYDE BREWER, VICE-CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072

ALLEN ZIMMERMAN,
P. O. BOX 277
POPLAR, MONTANA 59255

E. G. BALSAM,
2300 PEARL
MILES CITY, MONTANA 59301

LYLE KASSEL,
142 THIRD SOUTH
SHELBY, MONTANA 59474

October 1, 1968

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

Dear Sir:

Enclosed you will find a Release Agreement concerning the McAlester Fuel Company's NP 33-9 well, Section 33, Township 11 North, Range 27 East.

This well has been transferred to the Nebraska Feeding Company, J. B. Harbour, Box 103, Roundup, Montana, to be used as a fresh water well.

Yours very truly,

N. J. Beaudry
Norman J. Beaudry
Executive Secretary

NJB/pz
Encl.

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 2 1968
EYD 10/2/68
Mansions

APPROVED BY:

Oil and Gas Conservation Commission

G. D. Lanouette
Petroleum Engineer or Executive Secretary

Dated: 9-30 1968

RECEIVED
JUL 16 1968
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RECEIVED OCT 1968 OIL & GAS CONS. COMM. STATE OF MONT. HELENA

RELEASE AGREEMENT

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

Operator ~~Mallester Fuel Company~~

Lease Name ~~N.P.~~

Well No. ~~33-9~~ Sec. 33, Twp. 11, Rge. 27

The well is located ~~2028~~ feet S of the ~~South~~ line and ~~625~~ feet E of the ~~East~~ line.

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

WITNESS my hand and seal this 12 day of July 1968.

Nebraska Feeding Company
J. B. Harbour (L.S.)
Landowner

Address Box 103
Roundup, Montana

IN THE PRESENCE OF:

Bonnie D. Doum Address Winnett Montana
Harold F. Landman Address Winnett Montana

APPROVED BY:

Oil and Gas Conservation Commission
G. L. Fennell
Petroleum Engineer or Executive Secretary

Dated: 9-20 1968

RECEIVED
JUL 16 1968
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 2 1968

C 1—Helena Independent Record

33

File No.....

T 11N R 27 E

DUPLICATE

County Musselshell

RECEIVED

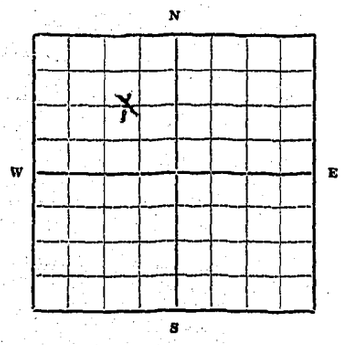
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Nebraska Feeding Company (Name of Appropriator), of 701 Livestock Exch. Bldg. (Address) Omaha (Town)
County of Douglas State of Nebraska
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼NW Sec. 33 T 11N R 27E

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 August 10, 1960; used each year since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumped by windmill; location SE¼NW¼ Sec. 33, T11N, R27E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction started Aug. 5, 1960 and completed Aug. 9, 1960.

8. The depth of water table 10 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 depth of well- 84 ft.

10. The estimated amount of groundwater withdrawn each year 710,000 gal.

11. The log of formations encountered in the drilling of each well if available 0-35 ft. top soil; gravel, shale; 35-60 ft. gravel; 60-84 ft. shale.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This is well number 14 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

Signature of Owner Nebraska Feeding Company by W.C. Fogle, Supt.

Date June 22, 1962

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

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

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

1889.

166624

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF
July A. D. 19 62
AT 8:15 O'CLOCK a.m.

R. H. MATZKE
COUNTY RECORDER

Elaine J. Grossman
DEPUTY

$ 3.00

GROUNDWATER INDEX

County Muscatine Twp. 11N Rge. 28E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Goffena Ranch Co.	57L08	165234	
13	Goffena L.W.	57L06	165059	
17	Hall, C.H.	6W4	169741	
26	Goffena Brothers	6W4	169813	

7

Form No. 18
8-60

T. 11 R. 28
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 2 1961
STATE ENGINEER

Water Well Log

		X

Owner Gillens Ranch & Co. Address Roundup
Driller McConnell Bro. Address
Date Started oct 15, 1961 Date Completed oct 27, 1961
Location: Sec. 7 T. 11 R. 28 ¼ sec. NE

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

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

Casing: 0 ft. to 40 ft. Type 8 5/8 Size 24#
Casing: 0 ft. to 90 ft. Type 20 ga Size 6"
Casing: ft. to ft. Type Size
Perforated or screened: Ft. 70 to ft. 90. Ft. to ft.
Type of screen or perforations slits
Static water level, for non-flowing well: 10'-15' down feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 40' feet at 12 gal. per min.
How tested: bailer
Length of test 5 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Cement 40'

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	12	soil
12	14	gravel
14	45	shale
~~45~~	~~55~~ 55	sandstone
55	65	shale
65	75	sandstone
75	90	shale

STATE OF MONTANA
MUSSELSHELL COUNTY, } ss.
FILED THIS 3rd DAY OF October A. D. 19 61
AT 2:30 O'CLOCK P. M.
B. H. MATZKE
COUNTY RECORDER
Elaine J. Lagerquist
DEPUTY

16583

13

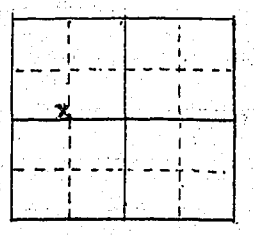
Form No. 18
8-60

T. 11 R. 28

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner L. W. Goffena Address Roundup, Montana

Driller Carter Oil Co. Address

Date Started Oct 1956 Date Completed Aug 1961

Location: Sec. 13 T. 11 R. 28 ¼ sec. NW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 680 ft. Type heavy Size 10 3/4

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations jet perforations

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

Shut-in pressure, for flowing well: 35 lb./sq. in. on: Aug 1,1961 (date)

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

How tested: 5 gal pail & watch

Length of test 2 minutes

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

Cement 0 to 680"

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	30	sand of Judith River formation
30	530	shale of Claggert
530	589	upper Eagle sand
589	610	shale
610	680	lower Eagle

STATE OF MONTANA,
MUSSELSHELL COUNTY, ss.
FILED THIS 28 DAY OF
[illegible] A.D. 19[illegible]
AT 1:10 O'CLOCK P.M.
B. H. MATZKE
COUNTY RECORDER
[illegible]
DEPUTY

165059

GW

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

File No.

T. 11 N R. 28 E

DUPLICATE

County Musselshell

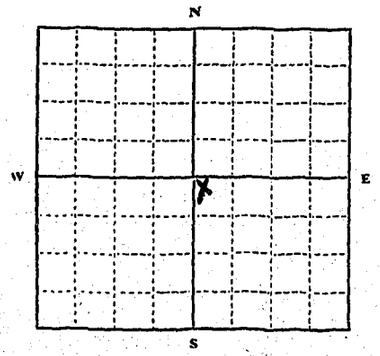
RECEIVED JAN 8 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. H. Hall (Name of Appropriator), of Roundup (Town) (Address)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ SE ¼ Sec. 17 T. 11 R. 28

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 continuous the use has been — Spring — Natural Flowing — 1850

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 miners inches

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
Natural flowing Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Natural Spring — 1850 estimated 1st use

8. The depth of water table 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
Natural 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
None

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

Signature of Owner C. H. Hall

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.

20585

169741

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 4:05 O'CLOCK P M.

ELMER MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

GW 4

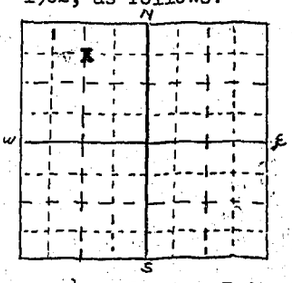
T. 11 R. 28
County. Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
ENGINEER

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

1. Goffena Brothers, of Box 537 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ NW Sec. 26 T. 11 R28

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 1946. 3 months out of each yr.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump with pump jack powered with gasoline engine

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

8. The depth of water table 85 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 groundwal of groundwater
driven well with churn, 6 inch galvanized casing to 91 feet

10. The estimated amount of groundwater withdrawn each year 90,000 gallons

11. The log of formations encountered in the drilling of each well if available
the well starts in the Judith River formation and bottoms in the Claggert Shale

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

Signature of Owner. Goffena Brothers
By Irene Goffena
Date December 31, 1963

20657

169813

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF
Dec A. D. 19 63
AT 6:32 O'CLOCK P M.
E. E. MATZKE
COUNTY RECORDER
Frances L Dawson
DEPUTY

GROUNDWATER INDEX

Page 1 of ___

County Muscleshell Twp. 11N Rge. 29E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Coffena, L.W.	57L06	165658	
34	H&H Ranch Co.	GW4	169492	

7

Form No. 18
8-60

T. 11 R. 29

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

		X

Owner L. W. Goffena Address Roundup, Montana

Driller D. L. Ferguson Address Roundup, Montana

Date Started Nov. 1959 Date Completed Nov. 1960

Location: Sec. 7 T. 11 R. 29 ¼ sec. E ½

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 246 ft. Type heavy Size 6"

Casing: 220 ft. to 460 ft. Type heavy Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 433 to ft. 460. Ft. to ft.

Type of screen or perforations slits

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

Shut-in pressure, for flowing well: 40 lb./sq. in. on: Aug. 1961 (date)

Pumping water level feet at 2½ gal. per min.

How tested: pail & watch

Length of test 2 minutes

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

226 - 246 cement

(over)

Log of Well

Depth, feet From	To	Description of Material Drilled
0	433	shale of the Claggett
433	443	coarse sand
443	460	shale & sand of the Eagle

STATE OF MONTANA,
MUSSELSHELL COUNTY } ss.
FILED THIS 28 DAY OF
[illegible] A.D. 19[illegible]
AT [illegible] O'CLOCK [illegible] M.
E. H. MATZKE
COUNTY RECORDER
[illegible]
DEPUTY

165158

GV.

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

34

File No.....

T. 11 N R. 29 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

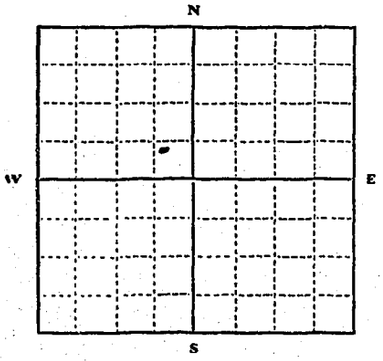
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hans H. Ranch Co, of Melstone
(Name of Appropriator) (Address) (Town)

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



N.W. 1/4 Sec. 34 T. 11 R. 29

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 May - 1959

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

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

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

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 400 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

10. The estimated amount of groundwater withdrawn each year 60 to 70 thousand

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 Hans H. Ranch Co
By Hans H. Hansen

Date 12-30-63

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

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

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

17743

169492

STATE OF MONTANA, }ss.
MUSSELSHELL COUNTY.}

FILED THIS 30 DAY OF
dec A.D. 1963
AT 11:57 O'CLOCK a M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Davison
DEPUTY

2.00

GROUNDWATER INDEX

County Mundahell Twp. 11N Rge. 30E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
9	Juniper Oil & Gas Co.	GW2	173407	
9	" " " "	GW1	173129	
22	Fiene, Fred & Clara	57LOG	162719	
36	BG&O Co.	GW2		
36	" "	GW2	180540	
36	" "	GW2		
36	" "	GW2		

GW 2

STATE WATER CONSERVATION BOARD

JAN 13 1966

File No.....

TRIPLICATE

Bille ..... McDermott
Butzerin ..... McNulty
Coyle ..... Morton
Dickart ..... Sullivan

LOG

Approved Stock Form—State Publishing Co., Helena, Montana—42329

T. 11 North R. 30 East 9

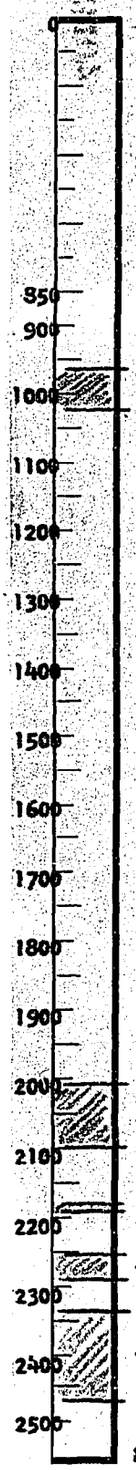
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Show exact depth of bottom.

2555' K.B.

Owner Juniper Oil & Gas Co. Address 420 C. A. Johnson Bldg. Denver, Colorado

Driller Soape Drilling Company Address Melstone, Montana

Date of Notice of appropriation of groundwater November 8, 1965

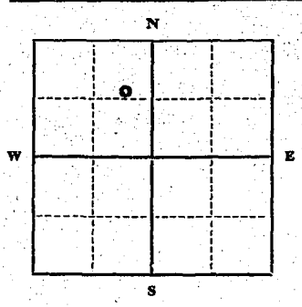
Date well started 11/13/65 Date completed 12/14/65

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 ☒ Waterflooding

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)
12 3/4"	9 5/8"	Surface	141' Cmtd w/ 75 sx	3/8" Jets	2339	2401
				"	2413	2417
				"	2423	2436
8 3/4"	7" - 20# and 23#	Surface	2548'	"	2441	2449
				2 shots/foot in each interval		



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

Shut-in Pressure for Flowing Well 150 psi

Pumping Water Level ..... feet

at ..... gal. per minute.

Discharge in gal. per min. of flowing well 102*

How Tested Flowing into surface depression

Length of Test 24 hours

Remarks: (Gravel packing, cementing, packers, ... of shutoff) Cmtd 7" casing at 2548' w/ 100 sxs. Well perforated as above. Treated formation by pumping water and ball sealers. Well completed flowing from 7" casing.

(Continue on reverse side)

NE¼ NW¼ Sec. 9 T. 11N R. 30E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

Not applicable

* — Based on periodic measurement into small container.

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.

License No. 160
Driller's License Number

D. E. Soape
Driller's Signature

No 742

173407

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 22 DAY OF
January A. D. 19 66
AT 8:02 O'CLOCK a M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Elaine J. Gaucher
DEPUTY

2.00

STATE WATER CONSERVATION BOARD

GW 1

NOV 15 1965

File No. _____

DUPLICATE

Billie _____ McDermott _____
Butzerd _____ McNulty _____
Cox _____ Morton _____
Darlington _____ Sullivan _____
Dickert _____

T. 11 North R. 30 East

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Juniper Oil & Gas Company (Name of Appropriator), of 420 C. A. Johnson Bldg (Address), Denver (Town), Colorado County of Denver, State of Colorado, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is waterflooding the Tyler "A" oil sand to recover oil that would otherwise not be recovered.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
58.3 gallons per minute or 2,000 barrels per day

4. The annual period (inclusive dates) of intended use continuous use throughout estimated year life of waterflood.

5. The probable or intended date of first beneficial use November 30, 1965

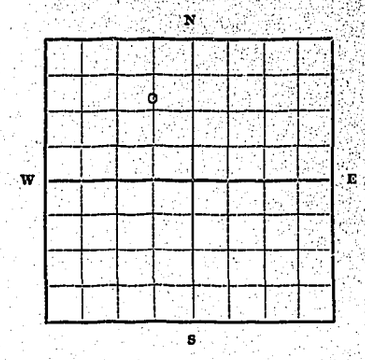
6. The probable or intended date of commencement and completion of the well* ~~xxxxxxx~~
November 20, 1965

7. The location, type, size and depth of well or wells contemplated NE¼ NW¼ of Section 9-11N-30E: 8 3/4" casing set at T. D. (2700 feet)

8. The probable or estimated depth of the water table or artesian aquifer Not applicable.

9. Name, address and license number of the driller engaged
Soape Drilling Company, Melstone, Montana, License No. 160

10. Give such other similar information as may be useful in carrying out the policy of this act
Form No. 2 of the Oil and Gas Conservation Commission of Montana has been filed with the commission.



NE¼ NW¼ Sec. 9 T 11N R. 30E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Juniper Oil & Gas Co. by John E. Bligh, Pres.

Date November 8, 1965

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

STATE WATER BOARD

39825

173129

STATE OF MONTANA }
MUSSELSHELL COUNTY } ss.

FILED THIS 12 DAY OF
November A.D. 19 65
AT 8:10 O'CLOCK a M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Frances L. Dawson
DEPUTY

See on #2

Copy To file

22

T. 11 R. 30

County Musselshell

RECEIVED
SEP 30 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Fred Friese + Clara M. Friese Address Melstone Mont.

Driller Wellman and Munson Drlg Co. Address Great Falls

Date Started Aug 22 - 1960 Date Completed Sept 14 - 1960

Location: Sec. 23 T. 11 R. 30 ¼ sec. NE 4 NE 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: 0 ft. to 600 ft. Type B&P Standard Size 4½ OD. 7#

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 260 to ft. 280 Ft. 395 to ft. 406
582 — 591

Type of screen or perforations

Static Water level, for non-flowing well: 350 feet.

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

Pumping water level 400 feet at 4 gal. per min.

How tested: Bailing and pumping

Length of test 9 hrs bailing 8 hrs pumping

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	10	Surface gumbo
10	67	Shale
67	95	Grey shale - Bentonite
95	100	Shale
100	162	Iron pyrites + thin bedded coal
162	267	Hard sand streaks + shale
247	285	Shale - sand - thin bedded coal (water seepage)
285	302	Carbonaceous shale
302	310	Shaly sand
310	387	Brown shale - sand streaks
387	401	Sandy bentonite and thin coal bed
401	406	Salt & pepper sand (water indicated)
406	576	Brown shale and sandy streaks
576	582	Hard sand and bentonite
582	591	White sand (water indicated)
591	823	Shale - sand streaks
823	968	Hard sand streaks - green shale - silty sand
968	969	Very hard sand
969	971	White sand - good porosity (water)
971	980	Hard shale imbedded
980	1031	Green shale streaks brown sand layers silty sand
1031	1037	Shale T.D.

162719

36

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 22 1970

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No. .....

T. 11N R. 30E

DUPLICATE

County Musselshell

LOG

Top of Ground (Bearpaw)

(Elev. above sea level 2949' .....)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner BGSOCo. Address 420 C. A. Johnson Bldg. Denver, Colorado 80202

Driller Soape Drilling Co., Inc. Address P. O. Box 7 Melstone, Montana 59054

Date of Notice of appropriation of groundwater April 8, 1970

Date well started December 22, 1969 Date completed March 20, 1970

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 ☒ Waterflooding

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)
13 3/4"	10 3/4"	-0-	298'	None:	Open hole completion	
9 7/8	7 (23 & 29 lb)	-0-	5871			
6		5871'	6478			

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

Shut-in Pressure for Flowing Well 350

Pumping Water Level ----- feet

at ----- gal. per minute.

Discharge in gal. per min. of flowing well 165

How Tested Flow into pit.

Length of Test 24 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Open hole completion; no liners or gravel pack.

N
W E
S

NE ¼ SE ¼ Sec. 36 T. 11N R. 30E. 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).

Water from this well will be used for injection into the Tyler "C" Sand formation of the South Keg Coulee Field in connection with secondary recovery by waterflooding.

Dakota Silt (3053)
First Cat Creek (3160)
Kootenai (3260)
Second Cat Creek (3422)
Second Cat
Third Cat Creek (3550)
Morrison (3580)
Swift (3745)
Rierdon (3925)
Piper Shale (4095)
Piper Limestone (4170)
Amsden (4205)
Upper Tyler (4319)
Bear Gulch (4475)
Lower Tyler (4505)
"C" Sand (4620)
Otter (4820)
Kibbey (5235)
Charles (5435)
Mission Canyon (6037)
Lodgepole (6465)

Show exact depth of bottom.
Total Depth (6478)

Doc. No. 180540
Filed for record
this 22 day of May
A. D. 19 70, at 1:10 P
o'clock P M.

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.

No. 160
Driller's License Number
Soape Drilling Co., Inc.
D. E. Soape
Driller's Signature

JUNIPER/BUTTES

JUN 16 1970

RWP | JEL

MONTANA WATER RESOURCES BOARD
Water Resources Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

_x_ GW 1, Notice of Appropriation of Groundwater

___ GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Butte Gas and Oil Company Address 420 C.A. Johnson Bldg. Denver, Colorado 80202

Location T. 11N R. 30E Sec. 36 Document No. 180540

___ This is to inform you that your GW form has been received and is complete as filed.

___ This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

_x_ Other.

The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that "all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use." (Section 89-2926, under Chapter 237, Montana Session Laws, 1961).

GV 2

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 22 1970

Approved Stock Form—State Publishing Co., Helena, Montana—425.

File No.....

T. 11N R. 30E

DUPLICATE

County Musselshell

LOG

Top of Ground (Bearpaw)

(Elev. above sea level 2949' .....)

Dakota Silt (3053)

First Cat Creek (3160)

Kootenai (3260)

Second Cat Creek (3422)

Second Cat

Third Cat Creek (3550)

Morrison (3580)

Swift (3745)

Rierdon (3925)

Piper Shale (4095)

Piper Limestone (4170)

Amsden (4205)

Upper Tyler (4319)

Bear Gulch (4475)

Lower Tyler (4505)

"C" Sand (4620)

Otter (4820)

Kibbey (5235)

Charles (5435)

Mission Canyon (6037)

Lodgepole (6465)

Show exact depth of bottom.

Total Depth (6478)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner PGEOCo. Address 420 C. A. Johnson Bldg. Denver, Colorado 80202

Driller Soape Drilling Co., Inc Address P. O. Box 7 Melstone, Montana 59054

Date of Notice of appropriation of groundwater April 8, 1970

Date well started December 22, 1969 Date completed March 20, 1970

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 ☒ Waterflooding

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)
13 3/4"	10 3/4"	-0-	298'	None:	Open hole completion	
9 7/8	7 (23 & 29 lb)	-0-	5871			
6		5871'	6478			

N
W E
S

NE ¼SE¼ Sec. 36 T. 11N R30E. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Shut-in Pressure for Flowing Well 350

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

Discharge 165 gal. per min. of flowing well

How Tested Flow into pit.

Length of Test 24 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Open hole completion; no liners or gravel pack.

Doc. No. 180546
Filed for record this 21 day of May A. D. 19 70, at 8:05 o'clock A.M.

(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).

Water from this well will be used for injection into the Tyler "C" Sand formation of the South Keg Coulee Field in connection with secondary recovery by waterflooding.

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.

No. 160
Driller's License Number
Soape Drilling Co., Inc.
D. E. Soape
Driller's Signature

46467

180540

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss

FILED THIS 22nd DAY OF May A. D. 19 72

AT 8:05 O'CLOCK A.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Lucille Steven
DEPUTY

2 00

11N 30E ● 36

BG&OCo.
1200 THE DENVER CENTER BUILDING
1776 LINCOLN STREET
DENVER, COLORADO 80203

DENVER DIVISION

HOME OFFICE
OAKLAND, CALIFORNIA

MONTANA WATER RESOURCES BOARD
Dir. cc Pln.
Adm. Inf.
Eng. Brd.
WRD Voig RBC.
ECO WSW
Leg. CON.

September 14, 1970

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 21 1970

Montana Water Resources Board
Helena, Montana

Attention: Mr. Ronald J. Guse

Gentlemen:

Enclosed is the triplicate copy of the Notice of Appropriation of Groundwater which you returned to us. The original of this instrument was filed withthe Clerk and Recorder of Musselshell County on April 27, 1970, in Book 239 at Pages 57 and 58. This original was subsequently returned to us for our files.

By the instructions at the bottom of this form, I assume that this copy was forwarded by the County Clerk to the School of Mines, who perhaps forwarded it to you. We do not believe there is any further action which we need take on this appropriation notice, since we have filed the Notice of Completion of Groundwater Appropriation. If, however, we are mistaken and there is something else we must do, we will appreciate hearing from you.

We noticed your comment stating that, "The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that 'all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use.'" Our water well in the Buttes Keg Coulee Unit is flowing from the Madison Lime formation, and we do have API wellhead equipment installed that is capable of handling the pressures and temperatures required to adequately keep this well under control with an adequate safety factor.

Sincerely,

Robert W. Peterson

Robert W. Peterson

RWP:dwd

Enclosures

Block 4 BG&OCo.

Signature of Appropriator R. W. Peterson
R. W. Peterson, Vice President of Buttes Gas & Oil Co.
Date April 8, 1970

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

~~46347~~ 46407

JUNIPER/BUTTES

JUN 16 1970

MEMORANDUM

MONTANA WATER RESOURCES BOARD

Helena, Montana

Date: June 12, 1970

From Ronald J. Guse

Subject: Notice of Appropriation of Groundwater

To R. W. Peterson, Vice President
Buttes Gas & Oil Company

The enclosed form will have to be filed in the County Clerk & Recorder's Office in Musselshell County.

Filed w/ Musselshell Co. Clerk & Recorder April 27, 1970, Book 239, pg. 57 & 58

Ronald J. Guse

Avoid Verbal Instructions

6. The probable or intended date of commencement and completion of the well or wells

March 20, 1970

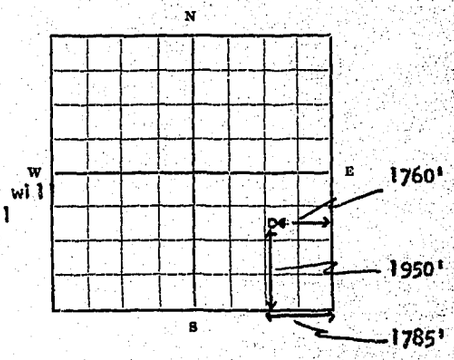
7. The location, type, size and depth of well or wells contemplated 1950' FSL, 1760' FEL, Sec. 36 (NE¼ SE¼), 11N, 30E, MPM, Musselshell County, Montana. Rotary, 9 7/8" hole, 6500', casing (7") to be cemented to 5800'.

8. The probable or estimated depth of the water table or artesian aquifer 6600'

9. Name, address and license number of the driller engaged Soape Drilling Company, Inc.

P. O. Box 7, Melstone, Montana 59054. License No. 160

10. Give such other similar information as may be useful in carrying out the policy of this act. Water from this well will be injected into the Tyler "C" Sand formation of the South Keg Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.



SE ¼ Sec. 36 T. 11N R. 30E

Locate well or other means of development as accurately as possible on the plat.

BG&OCo.

Doc. No. 180465
Filed for record
this 27 day of April
A. D. 19 70, at 8:45
o'clock A. M.

Signature of Appropriator R. W. Peterson
R. W. Peterson, Vice President of Buttes Gas & Oil Co.

Date April 8, 1970

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

~~46347~~ 46407

File No.....

T. 11N R. 30E

TRIPLICATE

County Musselshell

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 4 1970

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, BG&OCo. (Name of Appropriator), of 420 C. A. Johnson Building, (Address) Denver (Town) County of Denver, State of Colorado (80202), intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is for injection into the Tyler "C" Sand formation in the South Keg Coulee Field in connection with secondary recovery of oil by means of waterflooding.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
125 Gallons per minute.

4. The annual period (inclusive dates) of intended use January 1 through December 31, continuous use.

5. The probable or intended date of first beneficial use March 20, 1970

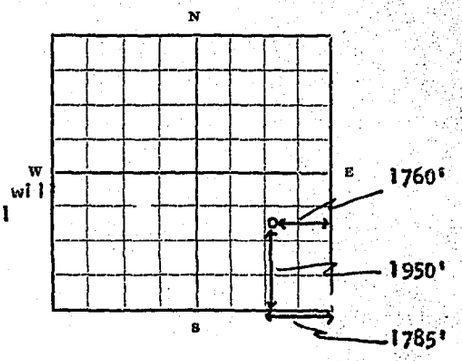
6. The probable or intended date of commencement and completion of the well* or wells*
March 20, 1970

7. The location, type, size and depth of well or wells contemplated 1950' FSL, 1760' FEL, Sec. 36 (NE¼ SE¼), 11N, 30E, MPM, Musselshell County, Montana. Rotary, 9 7/8" hole, 6500', casing (7") to be cemented to 5800'.

8. The probable or estimated depth of the water table or artesian aquifer 6600'

9. Name, address and license number of the driller engaged Soape Drilling Company, Inc. P. O. Box 7, Melstone, Montana 59054. License No. 160

10. Give such other similar information as may be useful in carrying out the policy of this act. Water from this well will be injected into the Tyler "C" Sand formation of the South Keg Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.



SE ¼ Sec. 36 T. 11N R. 30E

Locate well or other means of development as accurately as possible on the plat.

Doc. No. 180465
Filed for record
this 20 day of April
A. D. 19 70, at 8:45
o'clock A. M.

BG&OCo.
Signature of Appropriator R. W. Peterson
R. W. Peterson, Vice President of Buttes Gas & Oil Co.
Date April 8, 1970

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

~~46347~~ 46407

GW I

File No. .....

TRIPLICATE

T. 11N R. 30E

County. Musselshell

36

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MC... ...ICES BOARD
RECEIVED
May 4, 1970

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, BG&OCo. (Name of Appropriator), of 420 C. A. Johnson Building, Denver (Address) (Town) County of Denver, State of Colorado (80202), intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is for injection into the Tyler "C" Sand formation in the South Keg Coulee Field in connection with secondary recovery of oil by means of waterflooding.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
125 Gallons per minute.

4. The annual period (inclusive dates) of intended use January 1 through December 31, continuous use.

5. The probable or intended date of first beneficial use March 20, 1970

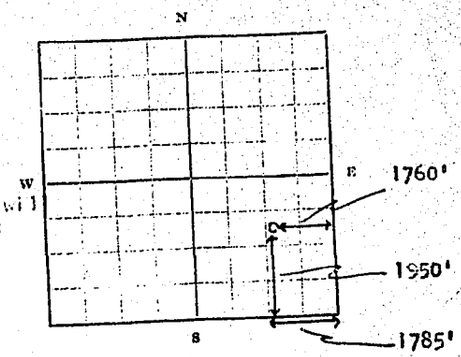
6. The probable or intended date of commencement and completion of the well* or wells*
March 20, 1970

7. The location, type, size and depth of well or wells contemplated 1950' FSL, 1760' FEL, Sec. 36 (NE¼ SE¼), 11N, 30E, MPM, Musselshell County, Montana. Rotary, 9 7/8" hole, 6500', casing (7") to be cemented to 5800'.

8. The probable or estimated depth of the water table or artesian aquifer 6000'

9. Name, address and license number of the driller engaged Soape Drilling Company, Inc.
P. O. Box 7, Melstone, Montana 59054. License No. 160

10. Give such other similar information as may be useful in carrying out the policy of this act. Water from this well will be injected into the Tyler "C" Sand formation of the South Keg Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.



SE ¼ Sec. 36 T. 11N R. 30E

Locate well or other means of development as accurately as possible on the plat.

Filed ..... day of ..... at .....
A. D. 19..... at .....

BG&OCo.

Signature of Appropriator R. W. Peterson
R. W. Peterson, Vice President of Buttes Gas & Oil Co.

Date April 1970

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

16347

File No. ____

TRIPLICATE

T 11N R 30E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
May 4, 1970

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I BG&OCo. (Name of Appropriator), of 420 C. A. Johnson Building, (Address) Denver (Town), County of Denver, State of Colorado (80202), intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is for injection into the Tyler "C" Sand formation in the South Keg Coulee Field in connection with secondary recovery of oil by means of waterflooding.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
125 Gallons per minute.

4. The annual period (inclusive dates) of intended use January 1 through December 31, continuous use.

5. The probable or intended date of first beneficial use March 20, 1970

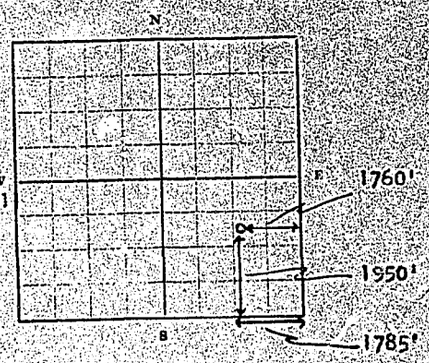
6. The probable or intended date of commencement and completion of the well* or wells*
March 20, 1970

7. The location, type, size and depth of well or wells contemplated 1950' FSL, 1760' FEL, Sec. 36 (NE/SE), 11N, 30E, MPM, Musselshell County, Montana. Rotary. 9 7/8" hole. 6500', casing (7") to be cemented to 5200'.

8. The probable or estimated depth of the water table or artesian aquifer 6000'

9. Name, address and license number of the driller engaged Soape Drilling Company, Inc.
P. O. Box 7, Helstone, Montana 59054. License No. 160

10. Give such other similar information as may be useful in carrying out the policy of this act. Water from this well will be injected into the Tyler "C" Sand formation of the South Keg Coulee Field as a part of waterflooding operations in connection with secondary recovery operations. Injection of this water will increase the ultimate yield of recoverable oil from the Tyler "C" Sand formation and will be in the best interest of conservation of natural resources.



SE ¼ Sec. 36 T 11N R 30E

Locate well or other means of development as accurately as possible on the plat.

Received this ____ day of ____, A. D. 19____ at ____

BG&OCo.

Signature of Appropriator R. W. Peterson
R. W. Peterson, Vice President of Buttes Gas & Oil Co.
Date April 3, 1970

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artifically withdrawn."

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

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

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

1337

TELEPHONE: 292-4[illegible]
AREA CODE: 303

Juniper
OIL & GAS COMPANY
A DIVISION OF
BG&O Co.
SUITE 420, C. A. JOHNSON BUILDING, 509 SEVENTEENTH STREET, DENVER, COLORADO 80202

April 23, 1970

County Clerk and Recorder
Musselshell County
Roundup, Montana

Gentlemen:

Enclosed for recording is the Notice of Appropriation of Groundwater for the Buttes Keg Coulee Unit No. 1 Water Supply Well. Please return the recorded notice to this office.

Sincerely,

Thea Duckworth

Thea Duckworth

dwd

Enclosures--Notice of Appropriation
Check for $4 Recording Fee

cc: Montana State Engineer
15 Poly Drive
Billings, Montana

Montana School of Mines
Butte, Montana

STATE OF COLORADO)
) ss
CITY AND COUNTY OF DENVER)

On this 9th day of November, 1965, before me, Margaret J. Kaaz, a Notary Public, personally appeared John E. Blixt as President of JUNIPER OIL & GAS COMPANY, a Delaware corporation, known to me to be the President of the corporation that executed the within instrument.

Witness my hand and official seal.

Margaret J. Kaaz
Notary Public

My commission expires: November 5, 1969

GROUNDWATER INDEX

County Musselshell Twp. 10N Rge. 22E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Benedict, M.D.	GW3	168547	
7	Sherlock, Mrs. Florence	GW4	169540	
12	Benedict, M.D.	GW3	168548	
23	Grise, Elizabeth	GW2	174636	
26	" "	57L06		
26	" "	GW4	169554	
27	" "	GW2	176030	

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

File No. 168547

T. 10 N R. 22 E

County Musselshell

DUPLICATE

RECEIVED
SEP 13 1963
STATE ENGINEER

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 1911

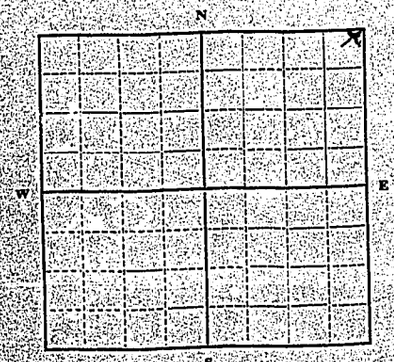
Owner MD Benedict Address 2130 Beech Blvd. Billings

Contractor (if any) None

Address of Contractor None

Date Started BR BAUCHT Date Completed 1911

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



N ¼ E Sec. 1 T. 10 R. 22

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

FOR STOCK SINCE 1911

Signature of Owner MD Benedict

Date 7-8-63

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

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

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

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

5870.

168547

STATE OF MONTANA }
MUSSELSHELL COUNTY } SS.

FILED THIS 12th DAY OF
Sept A.D. 1963
AT 8:00 O'CLOCK A.M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY