

169669

STATE OF MONTANA,
NORTH SHIELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:45 O'CLOCK P.M.
D. L. MATTHEW

COUNTY RECORDER
Frances L. Dawson
DEPUTY
200

R
DEC 2 1957

T. 7 R. 30
County MUSSELSHELL

30

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

30	50	80
*		

WATER WELL DOG
Owner: *Donald E. Dyer* Address: *Musshell*
Drill: *Porter-Corbin* Address: *Gage*
Date Started: *Oct 55* Date Completed: *Nov 55*
Location: Sec. *30* T. *7* R. *30* 1/4 sec. *SW 7 N W*

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: _____

Casing: *Surface* ft. to *38* ft. Type *Steel* Size *6 in*

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

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

Perforated or Screened: Ft. *20* to ft. *38* Ft. *58* to ft. *78*

Type of screen or perforations: *drilled*

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

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

Pumping water level: *18* feet at *10* gal. per min.

How tested: *Bailing*

Length of test: *one hour*

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

(over)

Depth, feet		Description of Material Drilled
From	To	
0	10	top soil
10	18	gravel mixed
18	48	alternate layers shale & sand stone
48	78	same to water
78	100	
100	120	
120	150	
150	180	
180	210	
210	240	
240	270	
270	300	
300	330	
330	360	
360	390	
390	420	
420	450	
450	480	
480	510	
510	540	
540	570	
570	600	
600	630	
630	660	
660	690	
690	720	
720	750	
750	780	
780	810	
810	840	
840	870	
870	900	
900	930	
930	960	
960	990	
990	1020	
1020	1050	
1050	1080	
1080	1110	
1110	1140	
1140	1170	
1170	1200	

File No.

DUPLICATE

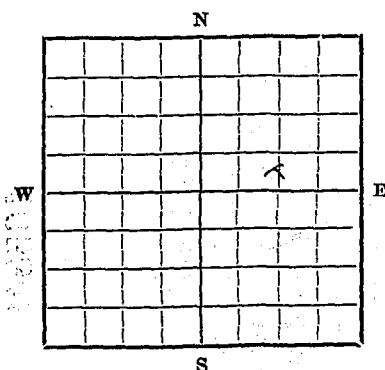
T. 7^N R. 30 30
County MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
FEB 15 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harry Johnson, of Musselshell,
(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:



NE 1/4 Sec. 30 T. 7. R. 30

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 1940 continuous as stockwater
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill & pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table 18 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 23 ft deep 3 ft casing hand dug well
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available 5-23 shale & sand 5 surface
12. Such other information of a similar nature as may be useful in carrying out the provisions of this act, including reference to book and page of any county record None

Signature of Owner Harry JohnsonDate 2.22.62

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

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

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

1491

465849

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 15 DAY OF

February A. D. 1967
AT 11:00 O'CLOCK a.m.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gassman
DEPUTY

92.00

File No.

RECEIVED

T 7N R 30E 31

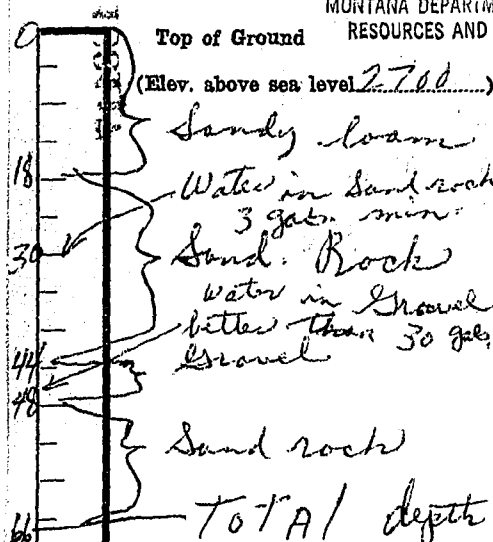
DUPLICATE

DEC 29 1971

County Marshall

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION



Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Orville D. Treble Address Marshall, Mont.Driller Orville D. Treble Address Marshall, Mont.Date of Notice of Appropriation of Groundwater 9/10/71Date well started 8/25/71 Date Completed 8/30/71Type of well Drilled Equipment Used Cable tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

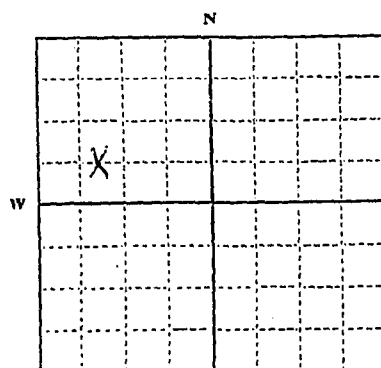
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Doc. No. 183117

Filed for record

this 28 day of December
A. D. 19 71, at 2:10 PM
o'clock P M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	<u>6" heavy plastic</u>	<u>0</u>	<u>66</u>	<u>slotted with drill saw</u>	<u>30</u>	<u>55</u>



NW 1/4 of Sec. 31 T. 7N R. 30E

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 30 feet.Shut-in Pressure for Flowing Well None - FlowingPumping Water Level 40 feet at 35 gal. per minute.Discharge in gal. per min. of flowing well None - FlowingHow Tested bailed 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).....

NONE

105
Driller's License Number

Orville D. Treble
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.

49640

183117

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS

28th

DAY OF

December

A. D. 1911

AT 12:10

O'CLOCK P. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.02

O'clock 11 M.
A. D. 19 11
Filed for Record
Doc No. 183117

FILED	RECORDED	INDEXED	SERIALIZED	FILED
DEC 28 1911	DEC 28 1911	DEC 28 1911	DEC 28 1911	DEC 28 1911
CLAUDE F. FLETCHER	CLAUDE F. FLETCHER	CLAUDE F. FLETCHER	CLAUDE F. FLETCHER	CLAUDE F. FLETCHER
REC'D	REC'D	REC'D	REC'D	REC'D
DEC 28 1911	DEC 28 1911	DEC 28 1911	DEC 28 1911	DEC 28 1911

RECEIVED

OCT 5 1960

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 7 R. 30
County _____

31

WATER WELL LOG

Owner Orville Treible Address Misselshell
Driller Orville Treible Address Misselshell
Date Started 9/10 Date Completed 9/20
Location: Sec. 31 T. 7 R. 30 $\frac{1}{4}$ sec. N.W. corner

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

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

Casing: 0 ft. to 60 ft. Type gal. sold Size 6"

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

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

Perforated or Screened: Ft. 45 to ft. 55 Ft. _____ to ft. _____

Type of screen or perforations fact. per.

Static Water level, for non-flowing well: 451 feet.

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

Pumping water level 50 feet at bailed at 15 gal. per min.

How tested: bailed

Length of test 30 min.

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

(over)

Log of Well

[illegible]

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 6N Rge. 24E

[illegible]

File No.

DUPLICATE

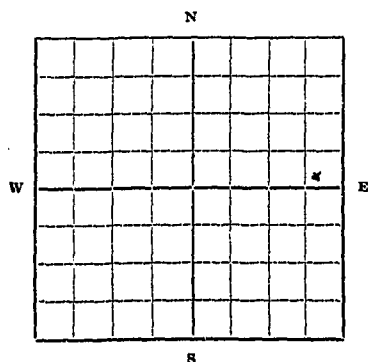
T. 6 N R. 24
County Missoula

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 11 1963

STATE ENGINEER

1. Hougardy Ranch Co. of Box 247 Roundup, Mont.
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 2 T. 6 R. 24

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 1945, used 8mo. per year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 non-irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater begin and 2000 gal. tank
8. The depth of water table 14 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 6-8" hole, cased to bottom - 16' deep windmill and pump
10. The estimated amount of groundwater withdrawn each year 120,000 gal
11. The log of formations encountered in the drilling of each well if available earth, shale and sandstone
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 no other record

Signature of Owner Hougardy Ranch Co.

Date 11-23-63

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.

169111

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY.}

FILED THIS 10 DAY OF
dec A. D. 19 63
AT 2:43 O'CLOCK P.M.
B. H. MATZKE

COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.

File No. _____

RECEIVED
AUG 19 1965

T. 6^N R. 24^E

DUPLICATE

County Muskegon

LOG REFERRED TO _____

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 E E Ranch Address Roundup MontDriller Harry McConnell Address Roundup Mont

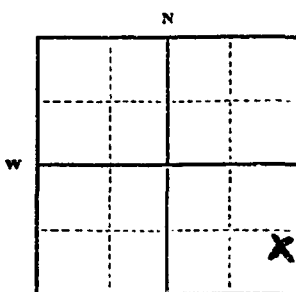
Date of Notice of appropriation of groundwater _____

Date well started May 27, 1965 Date completed June 26, 1965Type of well drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water 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)
7"	5" 1.0 15#	0	461	4"	55'	60'
				5 1/2"	125'	130'
					320'	325'
					340'	345'
					405'	410'
					415'	422'

Static Water Level 445' 100' feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 400' feetat 3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested ailerLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) RubberCan be Catefinaabove perforatedzones

(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).

For livestock

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 43Driller's Signature Harry McConnell

29451

172812

STATE OF MONTANA
MUSSELSHELL COUNTY.

FILED THIS 18 DAY OF
August AT 10:45
A.M.

CLAUDE F. FLETCHER

COUNTY RECORDER

DEPUTY

RECEIVED
MUSSELSHELL COUNTY
CLERK
AUG 18 1945

Form No. 18
8-60

T. 6 R. 24

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner W. H. Buel Address Bozeman, Mont

Driller R. L. Ferguson Address Bozeman, Mont

Date Started 9-10-61 Date Completed 9-20-61

Location: Sec. 6 T. 6 R. 24 $\frac{1}{4}$ sec. N.E.

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

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

Casing: 1 ft. to 2.54 ft. Type Galv. Size 6 in.

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 Slot

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

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

Pumping water level 104 feet at 3 gal. per min. _____

How tested: Working

Length of test 1 hr

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	3	Surface
3	30	Porous sand, rocks no water
30	165	Light blue shale
165	178	Sandy shale
178	180	Sand. H ₂ O 2 gal. per min.
180	228	Sandy light blue shale
228	240	Sandy shale
240	243	Sand. H ₂ O 3 1/2 gal. per min.
243	254	Shale

File No.

T. 6 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

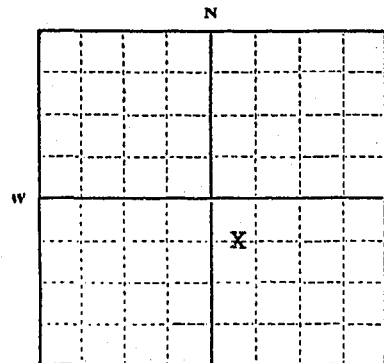
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900
Owner Roberts Loan & Cattle Company Address Roundup, Montana
Contractor (if any) None
Address of Contractor None
Date Started None Date Completed None

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

Depth to water: 2 foot below ground level.



NW 1/4 SE Sec 11 6N R24E

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 gallons per hour. Estimated by cattle consumption.
Continuous use.

Signature of Owner Wm. Spindel President
Roberts Loan & Cattle Company
Date December 16, 1963

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

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

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

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

10163

169188

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 17 DAY OF

Dec A. D. 1963

AT 3:32 O'CLOCK PM.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gossman
DEPUTY

2. ne

50, 5/3

183774

STATE OF MONTANA. } ss.
MUSSELSHELL COUNTY. }
FILED THIS 2nd DAY OF
June A. D. 1925
AT 9.00 O'CLOCK P. M.
CLAUDE F. FLETCHER
COUNTY RECORDER
Lincoln Brown
202 DEPUTY

File No.

T. 6 N. R. 24 E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Wm. Spidel, President,

1. Roberts Loan & Cattle Company

, of Box 507

Roundup

(Name of Appropriator)

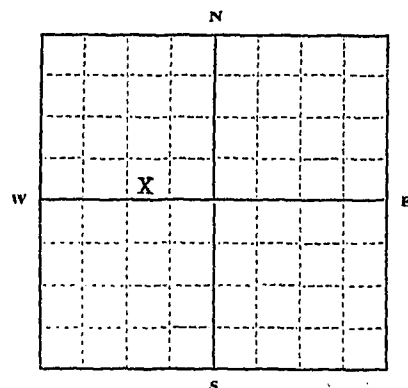
(Address)

(Town)

County of Musselshell

State of Montana

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



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. Prior to 1920. Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 7 gallons per minute.

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

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

SE 1/4 NW Sec 11 T. 6 N. R. 24 E

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. Prior to 1920.

8. The depth of water table. Unknown.

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 well, 150 feet deep, 8 inch hole, 6 inch casing. 120 foot water level.

10. The estimated amount of groundwater withdrawn each year. 100,000 gallons.

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. Wm. Spidel President
Roberts Loan & Cattle Company
Date. December 16, 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.

10158

169183

STATE OF MONTANA. } ss.
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

Dec A. D. 1963

AT 3:27 O'CLOCK PM.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman
DEPUTY

\$2.00

50,433

183711

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 19th DAY OF

May A. D. 19 22

AT 9:00 O'CLOCK A. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Leone Stevens

2nd

DEPUTY

File No.

T. 6 N. R. 24 E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

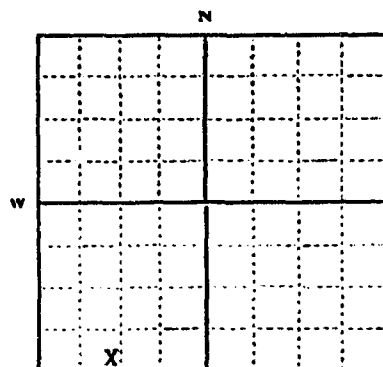
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Before 1900
Owner State of Montana Address Roundup, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

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

tank. Depth: Ground level.

SW 1/4 Sec. 16 T. 6N R. 24E

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 10 gallonsper minute. Estimated by cattle consumption.Continuous use.Signature of Owner [Signature] LesseeDate December 16, 1963

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

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

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

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

169178

STATE OF MONTANA,
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

Dec A. D. 1963

AT 5:22 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine
2. no DEPUTY

File No.

STATE WATER CONSERVATION BOARD

SEP 2 1966

T. 64 N. 24 E. 21

DUPLICATE

County Missoula

LOG

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)

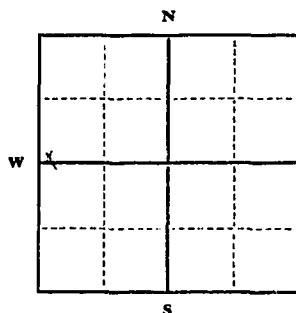
Owner E-E March Address Boundary MountDriller Harry Mc Connell Address Boundary Mount

Date of Notice of appropriation of groundwater

Date well started Aug 20/96 Date completed Aug 27/96Type of well Drilled Equipment used Churn Drill
(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"	8" 17#	0	30	1/8 Slots	20'	30'

Static Water Level for non-flowing well 12' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 17 feetat 36 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested per pumpLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) none

W 1/2 Sec. 21 T. 6 N. R. 24
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).

linestock

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.

43
Driller's License Number

Driller's Signature

41, 361

174421

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 15th DAY OF
September A. D. 1966
AT 12:05 O'CLOCK P. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Elaine J. Freeman

DEPUTY

\$2.00

File No.

T. 6 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900

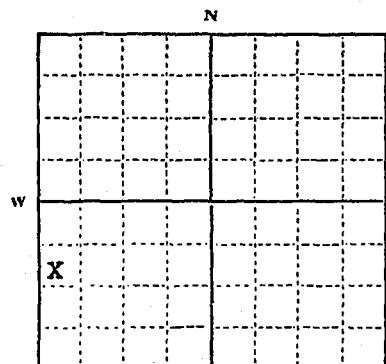
Owner Wm. Spidel Address Roundup, Montana

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank. Depth to water: 3 feet below ground level.



NW 1/4 SW Sec. 22 T. 6N R. 24E

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. 60 gallons per hour. Estimated by cattle consumption.

Continuous use.

Signature of Owner W. Spidel

Date December 16, 1963

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

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

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

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

169177

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 17 DAY OF
Dec A. D. 1963
AT 3:20 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gosman
DEPUTY

\$2.00

File No.

T. 6 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

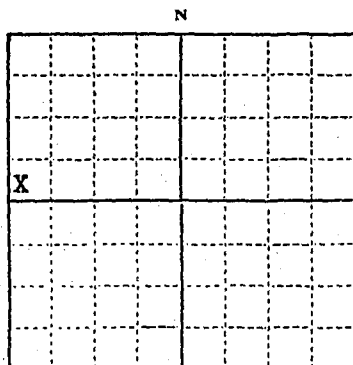
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900Owner Wm. Spidel Address Roundup, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

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

tank. Depth to water: four feet below ground
level. Maintains level during hot dry weather.

SW $\frac{1}{4}$ NW Sec 25 T6N R24EIndicate 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. 30 gallons
per hour. Estimated by cattle consumption.

Signature of Owner Wm. SpidelDate December 16, 1963

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

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

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

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

101.56

169181

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 17 DAY OF

Dec A. D. 19 63

AT 3:25 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gossman

DEPUTY

\$ 2.00

File No.

T 6 N R 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900

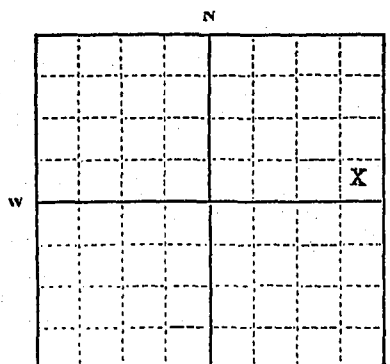
Owner Roberts Loan & Cattle Company Address Roundup, Montana

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring--dredged and cribbed up. Depth: ground level.



SE 1/4 NE 26 Sec. 26 T 6 N R 24 E

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 80 gallons per hour. Estimated by cattle consumption.

Signature of Owner Wm. L. Biddle President
Roberts Loan & Cattle Company

Date December 16, 1963

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

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

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

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

10165

169190

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 17 DAY OF

Dec A. D. 1963
AT 3:34 O'CLOCK PM

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gossman
DEPUTY
2.00

Form No. 18
8-60

T. 6 R. 24

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 10 1961

WATER WELL LOG

STATE ENGINEER

Owner W.H. Bell Address Roundup, Mont.

Driller R.L. Ferguson Address Roundup, Mont.

Date Started 10-3-61 Date Completed 10-5-61

Location: Sec. 28 T. 6 R. 24 $\frac{1}{4}$ sec. NW NW

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

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

Casing: 1 ft. to 73 ft. Type galv. Size 6 in

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

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

Perforated or Screened: Ft. 35 to ft. 45. Ft. 58 to ft. 73

Type of screen or perforations slit

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level 42 feet at 100 gal. per min.

How tested: balancing

Length of test 1/2 hr.

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

(over)

Log of Well

[illegible]

File No.

STATE WATER COMMISSION BOARD

T. 6 R. 24 28

DUPLICATE

AUG 12 1966

County Musselshell

LOG

Bill:
 Butte:
 Coyle:
 Daniels:
 Dickert:

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 E E Ranch Address Roundup Mont
 Driller Harry McConnell Address Roundup Mont

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

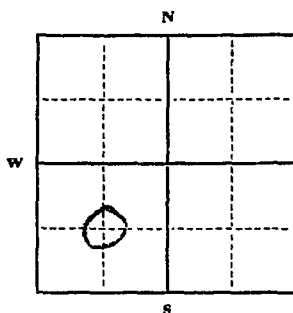
Date well started Oct 25, 1945 Date completed Oct 30, 1945

Type of well Drilled Equipment used Churn Drill
 (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"	8" I.D.	0	35'	<u>8</u> Slots	<u>25</u>	<u>35</u>

Static Water Level for non-flowing well 25' feet.

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

Pumping Water Level 32 feetat 50 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baiferLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) none

SW 1/4 Sec 28 T. 6 R. 24
 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). linestock

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 43Driller's Signature Harry McConnell

41294

174349

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 11 DAY OF
August A. D. 1966
AT 10:18 O'CLOCK AM

CLAUDE F. FLETCHER

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.⁰⁰

File No.

STATE WATER CONSERVATION BOARD

T. 1 R. 24 29

DUPLICATE

AUG 12 1956

County Missoula

LOG

Bills

Batteries

Cables

Dardman

Meters

Meters

Meters

Meters

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)

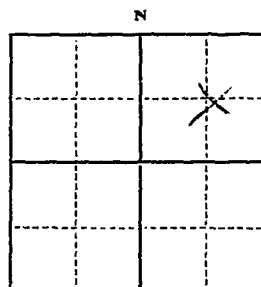
Owner E E Ranch Address Bozeman, Mont.Driller Harry McConnell Address Bozeman, Mont.

Date of Notice of appropriation of groundwater

Date well started Nov 12, 1965 Date completed Dec 12, 1965Type of well Drilled Equipment used Churn drill
(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)
6"	4" I.D. 9.5#	0	555	18"	225	230
				18"	325	330
				18"	335	340
				18"	445	450
				18"	470	475
				18"	475	500
				18"	535	555

Static Water Level for non-flowing well 150 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 400 feetat 3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BarleyLength of Test 7 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) gravelCase Catching above all perforated zones

NE 1/4 Sec 29 T. 6 R. 24
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).

linestock

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 43Driller's Signature Harry McConnell

174348

STATE OF MONTANA,
MUSKIELL COUNTY, } ss.

FILED THIS 11 DAY OF

August A. D. 19 66

AT 10:15 O'CLOCK A. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

James L. Dawson

DEPUTY

2. -

File No.

AUG 12 1965

T. 6 R. 24 S. 33

DUPLICATE

LOG

 Billie _____
 Butcher _____
 Coyne _____
 Dornan _____
 Dickert _____
County Marshall

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

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

18' sandy soilwater zone30' sand + gravel36' soft clay45' shale

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

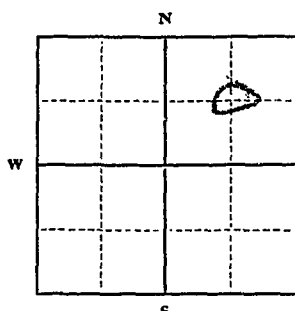
Owner E E Ranch Address Roundup Mont.Driller Harry McConnell Address Roundup Mont.

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

Date well started Nov. 1, 1965 Date completed Nov. 5, 1965Type of well drilled Equipment used Churn drill
(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		
				Kilod Size	From (Feet)	To (Feet)
8"	8" I.D. 24#	0	45'	1/8" Slots	20'	30'

Static Water Level for non-flowing well 19 feet.

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

Pumping Water Level 27 feet at 50 gal. per minute.

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

How Tested bailerLength of Test 1 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) none

NE 1/4 Sec. 33 T. 6 R. 24
 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).

linestock

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 43

Harry McConnell
 Driller's Signature

41293

174350

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 11 DAY OF

August A. D. 19 66

AT 10:20 O'CLOCK A.M.

CLAUDE F. FLETCHER

COUNTY RECORDER

James L. Dawson

DEPUTY

2⁰⁰

File No.

T. 6 N. R. 24 E

DUPLICATE

County Musselshell

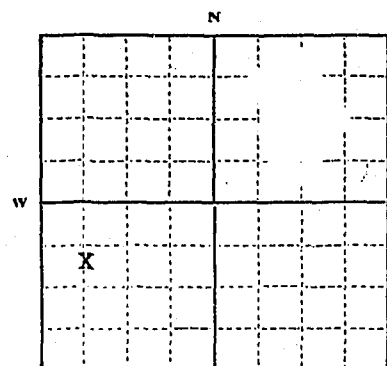
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. Prior to 1900
Owner State of Montana Address Roundup, Montana
Contractor (if any) None
Address of Contractor None
Date Started None Date Completed None



NW 1/4 SW Sec. 36 T. 6N R. 24E

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring--dug out & piped to concrete tank. Depth to water: one foot below ground level.

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. 15 gallons per hour. Measured by quarts at end of pipe.

Signature of Owner Wm. Spidel LesseeDate December 16, 1963

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

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

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

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

10153

169179

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }

FILED THIS 17 DAY OF

Nov A. D. 1963
AT 3:23 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Rossner
DEPUTY

\$2.00

GROUNDWATER INDEX

Page 1 of 1

County Muskegon Twp. 6N Rge. 25E

[illegible]

File No.

T. 6 N. R. 25 E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

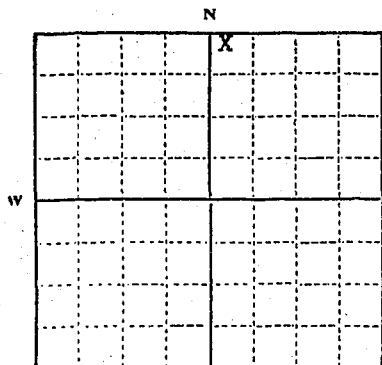
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. Prior to 1900
Owner. Roberts Loan & Cattle Company Address. Roundup, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank one foot below creek bed in dry weather.



NW 1/4 NE Sec. 5 T. 6N R. 25E

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. 40 gallons per hour--estimated by cattle consumption.

Signature of Owner. W. A. Spindel President
Roberts Loan & Cattle Company
Date. December 16, 1963

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

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

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

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

10/60

169185

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 17 DAY OF

Dec A.D. 19 63

AT 3:29 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gosman
DEPUTY

\$ 2.00

File No.

T. 6 N R. 25 E

DUPLICATE

County Musselshell

DEC 18 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

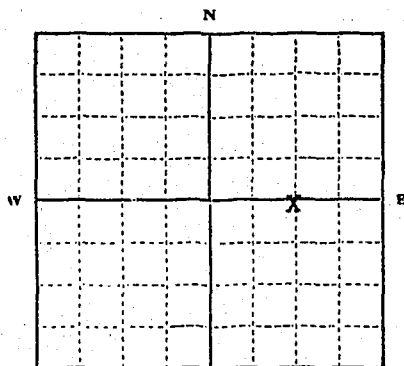
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900
Roberts Loan &
Owner Cattle Company Address Roundup, Montana
Contractor (if any) None
Address of Contractor None
Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring with dredged earth tank at ground level.



NW 1/4 SE Sec. 5 T. 6N R. 25E

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 Fifty (50) gallons per hour--estimated by cattle consumption.

Signature of Owner Wm. Stadel President
Roberts Loan & Cattle Company
Date December 16, 1963

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

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

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

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

169186

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 17 DAY OF

Dec A. D. 19 63

AT 3:30 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Horne
DEPUTY

\$ 2.00

File No.

T. 6 N R 25 E

DUPLICATE

County Musselshell

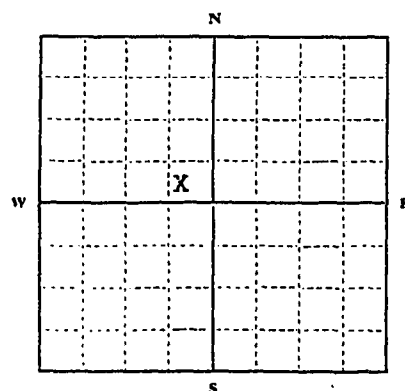
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963
STATE ENGINEER

Wm. Spidel, President,
1. Roberts Loan & Cattle Company, of Box 507 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 $\frac{1}{4}$ NW Sec. 8 T. 6 N R. 25 E

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

2. The beneficial use on which the claim is based Stock Water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946. Continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 Sucker Rod.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946.
8. The depth of water table Unknown.
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 well, 60 foot depth, 16 foot water level, sucker rod withdrawal.
10. The estimated amount of groundwater withdrawn each year 320,000 gallons.
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 Wm. Spidel President
Roberts Loan & Cattle Company
Date December 16, 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.

10159

169184

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 17 DAY OF

Dec A. D. 19 63

AT 3:28 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Claine J. Gosman
72.00 DEPUTY

File No.

T 6 N R 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900
Roberts Loan & Cattle

Owner Company Address Roundup, Montana

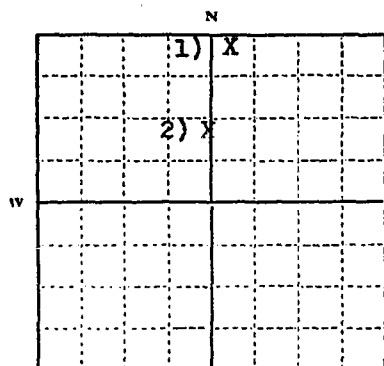
Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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

tank--ground level.



1) NW $\frac{1}{4}$ NE Sec 8 T6N R25E

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

2) SW $\frac{1}{4}$ NE $\frac{1}{4}$ of 8, 6N, 25E

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 1) Seventy (70)

gallons per hour--estimated by cattle con-

sumption. 2) 200 gallons per hour--esti-

mated by stock consumption.

Signature of Owner Wm Spidel President
Roberts Loan & Cattle Company

Date December 16, 1963

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

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

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

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

169187

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 17 DAY OF

Dec A. D. 1963

AT 3:31 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Rossman
DEPUTY

32.00

File No.

T. 6 N R. 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1900
Owner Roberts Loan & Cattle Company Address Roundup, Montana

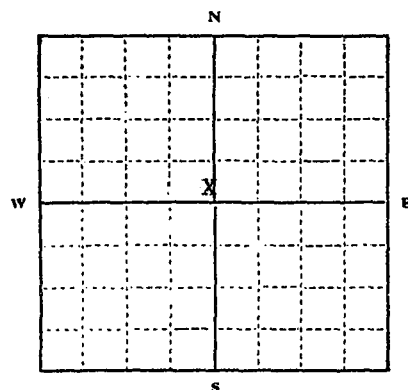
Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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

Depth: ground level.



SS 1/4 NW Sec. 8 T. 6N R. 25E

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. 300 gallons

per hour. Estimated by cattle consumption

and house use via pump. Continuous use.

Signature of Owner W. J. Stedel President
Roberts Loan & Cattle Company

Date December 16, 1963

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

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

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

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

10166

169191

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 17 DAY OF

Dec A. D. 19 63
AT 3:35 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Horner
42.00 DEPUTY

File No.

T 6N R 25East

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William R. Hansen, of Lovina
(Name of Appropriator) (Address) (Town)
County of Golden Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 10 T. 6 R. 25

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

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

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1948, and continuous since the
date.

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
No

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1948

8. The depth of water table 80 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 6 inch casing

10. The estimated amount of groundwater withdrawn each year 25,000 gallons

11. The log of formations encountered in the drilling of each well if available.....
Sandrock and 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 none other available.

Signature of Owner William R. Hansen

Date February 14, 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.

3616

167630

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS 14 DAY OF
February A. D. 1963
AT 11:25 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gorman
2.00 DEPUTY

T 6 R 25 East

County Muskegon

RECEIVED

STATE ENGINEER

STATE ENGINEER

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..... 1948, and continuous since that date.
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.....
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.....
pump and windmill
- tion of the construction of the well, wells, or other works for withdrawal.....
st, 1948
- et.
- ce, size and depth of each well or the general specifications of any other water.....
6 inch casing
- r withdrawn each year..... 25,000 gallons
- the drilling of each well if available..... Sandrock and shale
- ature as may be useful in carrying out the policy of this act, including county record.....
Not available.

Signature of Owner William R. Hansen
Date February 11, 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.

167601

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 14th DAY OF
February A. D. 1963
AT 11:27 O'CLOCK A.M.

E. H. MATZKE

COUNTY RECORDER

Glenn J. Rossman
DEPUTY
92.10

File No.

T 6 N R 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

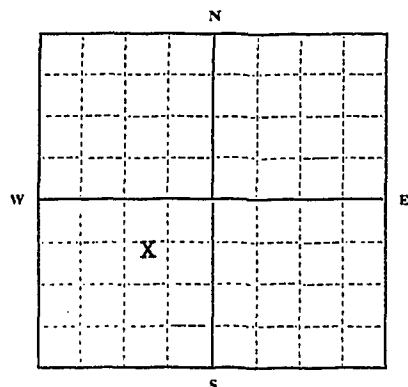
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wm. Spidel, Lessee, of Box 507 Roundup
(State Section) (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:



NE 1/4 SW Sec 16 T. 6N R 25E

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 1935. Continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1935.
8. The depth of water table Unknown.
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 well, 83 foot depth, 22 foot water level, 8 inch hole with 6 inch casing, sucker rod withdrawal.
10. The estimated amount of groundwater withdrawn each year 225,000 gallons.
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 Wm. Spidel Lessee
Montana State Section
Date December 16, 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.

10154