

County Musselshell Twp. 10 N Rge. 24 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Groves Ranch Co.	57LO6		
4	Jacobek, Matt	57LO6		
4	" "	GW4	169577	
5	" "	57LO6		
5	" "	57LO6		
5	" "	GW2	176828	
5	" "	GW4	169578	
5	" "	GW4	169579	
5	" "	57LO6		
7	Peerless Gas & Oil Co.	57LO6		
7	Jacobek, Matt	57LO6		
7	" "	GW4	169580	
8	" "	57LO6		
8	" "	GW4	169576	
10	" "	GW4	169581	
10	" "	57LO6		
10	Groves Ranch Co.	GW4	169390	
10	" "	57LO6		
13	Stanley, Lawrence	GW4	169267	
14	Harris, William J.	GW4	169428	
14	Groves Ranch Co.	GW4	169604	
15	Harris, Williams	GW2	185232	
15	Groves Ranch Co.	GW4	169605	
17	" "	GW4	169603	
17	Peerless Gas & Oil Co.	57LO6		
19	U.S. Bureau of Land Management	GW2	185478	
20	Wyoma Livestock Co.	GW4	169419	
22	Harris, William J.	GW4	169432	
22	" "	57LO6		
23	" "	GW2	185231	
23	Groves Ranch Co.	GW4	169602	
24	Harris, William J.	GW4	169431	
24	" "	57LO6		
25	Hockmuth, Henry	GW4	169410	
25	Harris, William J.	GW4	169429	
25	Groves Ranch Co.	GW4	169606	
25	Harris, William J.	57LO6		
26	Groves Ranch Co.	GW4	169608	
27	" "	GW4	169609	
27	Harris, William J.	57LO6		
27	" "	GW4	169434	
28	Peerless Gas & Oil Co.	57LO6		
30	Stanley, Lawrence	GW4	169479	
34	Lake Mohan Grazing Co.	GW2	184315	
34	Daugherty & O.	GW4	169695	



Form No. 18  
8-60

T. 10N R. 24E

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
AUG 2 1961

Water Well Log

STATE ENGINEER

		X

Owner Graves Ranch Company Address Roundup, Montana

Driller Joe Kombol Address Roundup, Montana

Date Started July 14, 1961 Date Completed Same

Location: Sec. 1 T. 10N R. 24E  $\frac{1}{4}$  sec. SE $\frac{1}{4}$

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: 0 ft. to 48 ft. Type 20 Ga. Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 16 to ft. 48 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations  $\frac{1}{2}$ " holes

Static water level, for non-flowing well: 16' feet.

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

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

How tested: Pump

Length of test 10 hours

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(over)



Form No. 18  
8-60

T. 10 R. 24

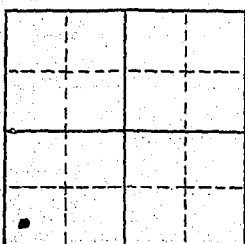
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log



Owner Matt Jasbeck Address Roundup Montana

Driller Unknown Address X

Date Started About 1920 Date Completed 1920

Location: Sec. 4 T. 10 R. 24  $\frac{1}{4}$  sec. S.W. quarter

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 1 ft. to 100 ft. Type Galvanize Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. ? to ft. ?. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations ?

Static water level, for non-flowing well: 26 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 6

How tested: Boiler Bucket

Length of test \_\_\_\_\_

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

(over)



File No. ....

T. 10 N. R. 24 E. 4

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

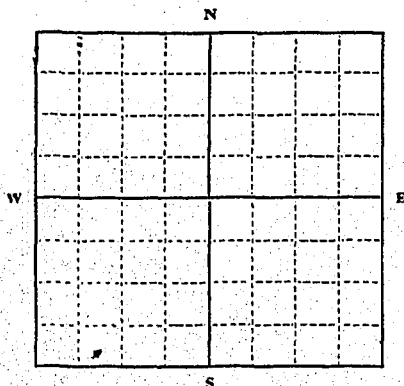
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Math Jasbeck, of Box 155 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:



SW 1/4 Sec. 4 T. 10 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. ABOUT 1950 THRU 1963

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

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

CYLINDER 1/2 ELECTRIC MOTOR

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. MAY 8-1950 - MAY 20-1950

8. The depth of water table. 30'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. DRILLED 6" 85'

10. The estimated amount of groundwater withdrawn each year. 50000

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. Math Jasbeck

Date. DEC 28-1963

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.

17826

169577

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec A. D. 19 1913

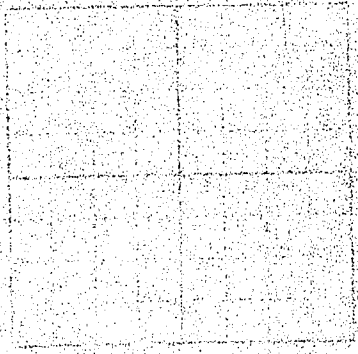
AT 2:52 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

*Francis L. Dawson*  
DEPUTY

\$2.00



ALL RIGHTS RESERVED  
MUSSELSHELL COUNTY  
MONTANA  
RECORDED  
INDEXED  
MUSSELSHELL COUNTY  
MONTANA



Form No. 18  
8-60

T. 10 R. 24 5  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1952

STATE ENGINEER

Water Well Log


Owner Matt Jasbeck Address Roundup Mont  
Driller Anderson Address Billings Mont  
Date Started Dec. 2 1943 Date Completed Dec. 1943  
Location: Sec. 5 T. 10 R. 24  $\frac{1}{4}$  sec. SE quarter

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 1 ft. to 115 ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. ? to ft. ? . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations ?

Static water level, for non-flowing well: 73 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

T. 10 R. 24 5  
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JUL 7 1958

WATER WELL LOG

STATE ENGINEER


Owner Math Jansbeck Address Roundup Mont  
Driller Math Jansbeck Address Roundup  
Date Started Dec 20 Date Completed Dec 27  
Location: Sec. 5 T. 10 R. 24 1/4 sec. NE 1/4

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 116' ft. to 116' ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 31' to ft. 25' Ft. 116' to ft. \_\_\_\_\_

Type of screen or perforations 3 holes drilled

Static Water level, for non-flowing well: 66.5 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 9 gal

How tested: bailey bucket

Length of test 1 hour

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

pumped for five hours at 9 gal minute



(over)



File No.....

MONTANA WATER RESOURCES BOARD

T. 10 R. 24

DUPLICATE

RECORDED

County Musselshell

LOG

MAY 13 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

	Top of Ground
	(Elev. above sea level approx. 3600)
8	Gravel
12	Yellow Clay
29	Yellow Sand
50	Tan Shale
63	Grey Shale
67	Tan Shale
75	Grey Shale
85	Grey Sandy Shale
90	Brown Shale (Water-3GPM.)
110	Grey Shale
118	Fine Grain Sand (Water) (1GPM.)
125	Blue-green Shale
131	Sandy Shale
132	Cap Rock
138	Grey Sand (Water-2GPM.)
148	Shale and Bottom

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Matt Jasbeck Address Roundup, Montana

Driller Joe Kombel Address Roundup, Montana

Date of Notice of appropriation of groundwater None

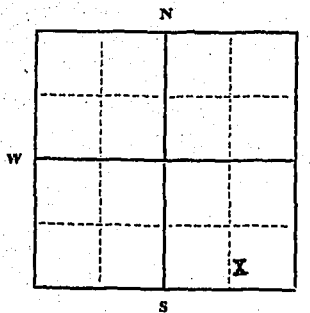
Date well started 4/10/68 Date completed 4/18/68

Type of well drilled Equipment used churn  
(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" ID 11" wall	0	12			
6 1/2"	5" ID 15 lb.	0	148	6"x1" slots	80	90
					110	120
					130	140



Static Water Level for non-flowing well 52 feet.

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

Pumping Water Level 130 feet at 6 gal. per minute.

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

How Tested Bailer

Length of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) 8" casing drove into sand rock.

SE 1/4 SE Sec. 5 T. 10. 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).

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.

95  
Driller's License Number

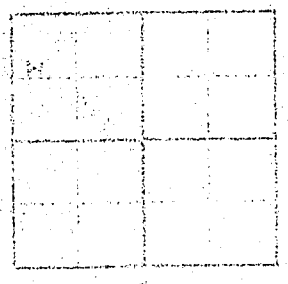
Joe Kombel  
Driller's Signature

44,136

STATE OF MONTANA  
DEPARTMENT OF REVENUE  
OFFICE OF STATE EMPLOYERS  
BUREAU OF PERSONNEL RECORDS  
STATE OF MONTANA

176828

STATE OF MONTANA, )  
MUSSELSHELL COUNTY, )  
FILED THIS 15 DAY OF  
May A. D. 1967  
AT 2:00 O'CLOCK P.  
CLAUDE F. FLETCHER  
COUNTY RECORDER  
Dora C. Reynolds  
DEPUTY



Know all men by these presents that I, John A. P. A. [Name], of the County of Musshell and State of Montana, do hereby certify that the above and foregoing is a true and correct copy of the original as the same appears in my files and records.

Witness my hand and seal of office this 15th day of May, 1967, at Butte, Montana.

GW

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

File No. ....

T. 10 N. R. 24 E. 35

DUPLICATE

County .....

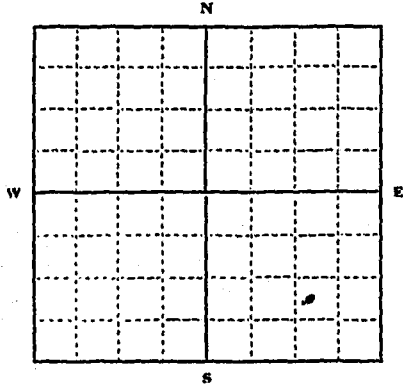
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Math Jasbeck, of Box 155, 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. 1/4 Sec. 5 T. 10. 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 Domestic  
stock garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 June thru 1963
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal
- 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 jet pump  
S.E. 5-10-24

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2nd year 1948 not certain
- 8. The depth of water table 7.5'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6" - 115'
- 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 not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Math Jasbeck

Date Dec 28 - 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.

17827

0

169578

STATE OF MONTANA,  
MUSKELSHELL COUNTY.

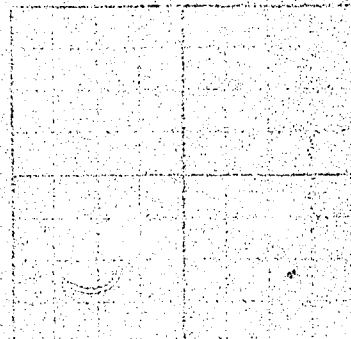
ED THIS 30 DAY OF

Nov 19 63  
A. 2:54 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
2.00  
DEPUTY



STATE OF MONTANA  
MUSKELSHELL COUNTY  
COUNTY RECORDER  
DEPUTY

STATE OF MONTANA  
MUSKELSHELL COUNTY  
COUNTY RECORDER  
DEPUTY

GW

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

File No. ....

T. 10N R. 24 E 75

DUPLICATE

County .....

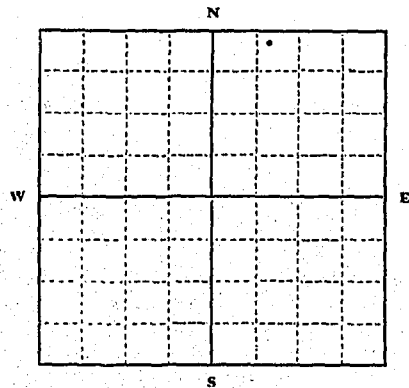
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Matt Jasbeck, of Box 155 Roundup  
(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:



NE 1/4 Sec. 5 T. 10 N. 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 June 1957 thru 1963

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

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 Cylinder 1 1/4 pipe & pump Rod 7' Electric motor pump jack NE 1/4 5-10-24

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

8. The depth of water table 6 1/2

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

Drilled - 6" - 116

10. The estimated amount of groundwater withdrawn each year 80,000

11. The log of formations encountered in the drilling of each well if available 20' sand 3' Rock 10' sandstone 20' hard Rock 18' shale 10' blue shale 25' sandstone 10' hard rock

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 Matt Jasbeck  
Date Dec 28 - 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.

17828



169579

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

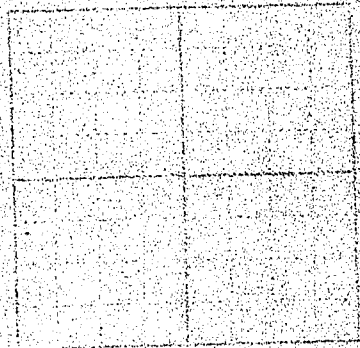
Dec A.D. 19 63  
AT 2:56 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

*Frances L. Dawson*  
DEPUTY

2.00



RECORDED TO SPACE

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Form No. 18  
8-60

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1952

STATE ENGINEER

Water Well Log


Owner Matt Jasbeck Address Roundup Montana

Driller Matt Jasbeck Address Roundup Montana

Date Started June 2 - 1957 Date Completed June 12 - 1957

Location: Sec. 5 T. 10 R. 24  $\frac{1}{4}$  sec. NE quarter

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 1 ft. to 116 ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 80 to ft. 85 . Ft. 95 to ft. 116

Type of screen or perforations 6" galvanized perforations

Static water level, for non-flowing well: 66 1/2 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 7

How tested: Reiber Bucket

Length of test \_\_\_\_\_

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

(over)



T. 10N R. 24E

County.....

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner: **Peerless Oil & Gas Company** **Peerless Incorporated**  
~~Wytana Ranch Division~~ Address: **1670 Denver Club Bldg.**  
~~.....~~ **Denver 2, Colorado**

Driller: **Ferguson** Address: **Lewistown**

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

Location: Sec. **7** T. **10N** R. **24E** 1/4 sec. **SE SE SW**

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

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

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

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

Type of screen or perforations.....

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

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

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

How tested:.....

Length of test.....

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

.....  
.....  
.....  
.....  
.....

(over)

Pronghorn Ranch Well No. 4 - 1948

Driller - Ferguson, Lewistown

Location - Section 7, Township 10 N, Range 24 E - SE NE 1/4

Size of hole - 10 inches

Size of casing-20 feet of 8 inch surface casing  
22 feet of 4 inch inner casing, slotted 5 feet

New windmill mounted over this hole in 1948.

This is a gravel packed surface well.  
Rated 100 gallons a minute under pump, but we installed  
windmill which is ample.

SS/dv  
2/10/10

Form No. 18  
8-60

T. 10 R. 24  
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1952

Water Well Log

STATE ENGINEER


Owner Matt Jasbeck Address Roundup, Montana  
Driller Matt Jasbeck Address Roundup, Montana  
Date Started Dec 16-1956 Date Completed Dec 19-1956  
Location: Sec. 7 T. 10 R. 24  $\frac{1}{4}$  sec. NE SE

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 1' ft. to 89' ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 72 to ft. 89 . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 6" galvanized perforation

Static water level, for non-flowing well: 36 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 6

How tested: Bailer Bucket

Length of test \_\_\_\_\_

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

(over)



GW

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

File No. ....

T. 10 N R. 24 E <sup>37</sup>

DUPLICATE

County .....

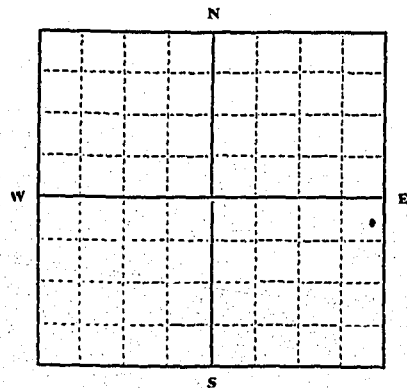
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Math Jasbeck, of Box 155 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:



5 E 1/4 Sec 7 T. 10 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 Dec 1956 About 2 weeks out of a year up to 1963

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

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 Cylinder & pump Jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 20 - 1956 - Dec 6 - 1956

8. The depth of water table 45'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6" - 8"

10. The estimated amount of groundwater withdrawn each year 4000 Gallon

11. The log of formations encountered in the drilling of each well if available 20' Pit 10' soft sand Stone 18' Blue shale 8' sandstone 10' clay 23' 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 none

Signature of Owner Math Jasbeck  
Date Dec - 28 - 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.

17829



169580

STATE OF MONTANA, }  
MUSSELSHELL COUNTY, }

FILED THIS 30 DAY OF

Dec A. D. 19 63

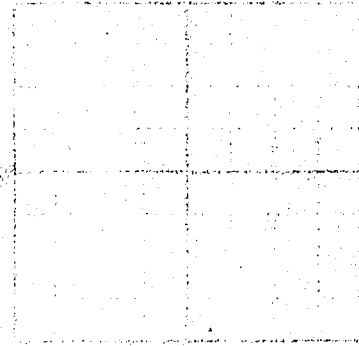
AT 2:58 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson  
DEPUTY

2.00



ADMITTED TO STATE

RECORDS AND RETURNED TO

RECORDS DEPARTMENT

RECORDS DEPARTMENT

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RECORDS DEPARTMENT

Form No. 18  
8-60

8

T. 10 R. 24

County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner Math Jasbeck Address Roundsup Mont  
 Driller Math Jasbeck Address Roundsup Mont  
 Date Started Aug 25-1960 Date Completed Sept 2 1960  
 Location: Sec. 8 T. 10 R. 24  $\frac{1}{4}$  sec. SE. SW

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

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other \_\_\_\_\_

Casing: 1 ft. to 101 ft. Type Galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 85 to ft. 101 . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 6" galvanized perforation

Static water level, for non-flowing well: 24 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 7

How tested: Bailer Bucket

Length of test \_\_\_\_\_

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

(over)



File No. ....

DUPLICATE

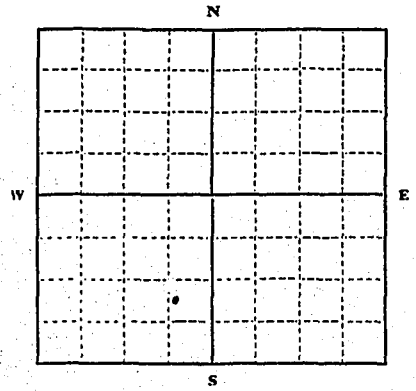
County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights ENGINEER  
(Under Chapter 237, Montana Session Laws, 1961)

1. Matt Jasbeck (Name of Appropriator), of Box 155 (Address) Roundup (Town)  
County of Missoula State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 8 T. 10 N. 24 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 Sept 10 - 1960 Every year up to Oct. 10 - 1963

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder 1/4 Pipe & Pump Engine Swagater 8-10-24

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater AUGUST 25 - 1960 Finished Sept 2 - 1960

8. The depth of water table 24'

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 Type DRILLED 6" 101' deep

10. The estimated amount of groundwater withdrawn each year 132000

11. The log of formations encountered in the drilling of each well if available 10' SOIL 20' grey sandstone 10' grey shale 20' LIGHT SANDSTONE 5' HARD ROCK 20' sandstone 16' grey 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 none

Signature of Owner Matt Jasbeck  
Date Dec 28 - 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.

17825

169576

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

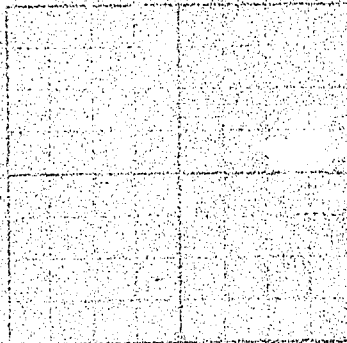
Dec 19 63  
AT 2:50 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis J. Dawson  
DEPUTY

\$2.00



RECORDED  
INDEXED  
MUSSELSHELL COUNTY  
MONTANA  
DEC 30 1963

File No. ....

T. 10 N. R. 24 E. 10

DUPLICATE

County.....

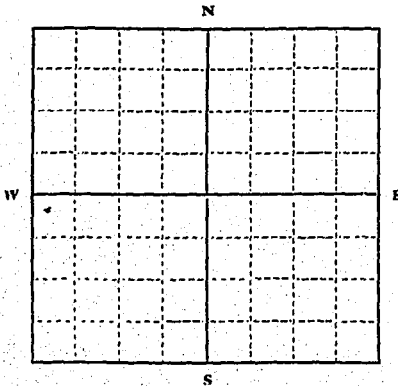
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. Matt Jasbeck, of Box 155 Roundup  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 10 T. 10 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 Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov 1950 thru 1963

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

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 Cylinder Pipe Pump Rod & Electric Motor with pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 20 - 1950 Finished Dec 4 - 1950

8. The depth of water table 70'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6" hole 119' deep

10. The estimated amount of groundwater withdrawn each year 30000

11. The log of formations encountered in the drilling of each well if available 1-15 Dirt 15-27 grey shale 27-31 Rock 31-53 Blue shale 53-60 Rock 60-83 Sandstone 83-100 Yellow shale 100-119 Sand Fine Gravel

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

Signature of Owner Matt Jasbeck

Date Dec 28 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.

17830

169581

STATE OF MONTANA,  
MUSSELSHELL COUNTY, } ss.

FILED THIS 30 DAY OF  
Dec A. D. 1963

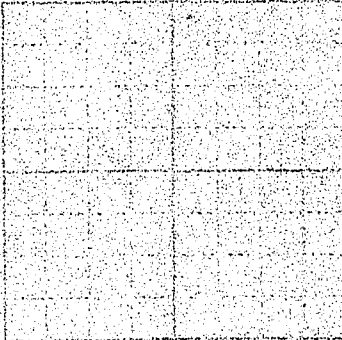
AT 3:00 O'CLOCK P.M.

**B. H. MATZKE**

COUNTY RECORDER

*James L. Dawson*  
DEPUTY

\$2.00



STATE OF MONTANA  
MUSSELSHELL COUNTY

ALLEGED TO HAVE  
BUNGLE BREAKDOWN TO SOLARIS  
REVENUE WITH TO STATE  
MUSSELSHELL COUNTY  
MUSSELSHELL COUNTY  
MUSSELSHELL COUNTY

STATE OF MONTANA  
MUSSELSHELL COUNTY

ALLEGED TO HAVE  
BUNGLE BREAKDOWN TO SOLARIS  
REVENUE WITH TO STATE  
MUSSELSHELL COUNTY  
MUSSELSHELL COUNTY  
MUSSELSHELL COUNTY

Form No. 18  
8-60

10

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

STATE ENGINEER

Water Well Log


Owner Math Jasbeck Address Roundup Montana

Driller Math Jasbeck Address Roundup Montana

Date Started Nov 20 - 1950 Date Completed Dec 4 - 1950

Location: Sec. 10 T. 10 R. 24 - 1/4 sec. S.W. quarter

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 1 ft. to 119 ft. Type galvanized Size 6"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 100 to ft. 119. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations galvanized 6" perforated

Static water level, for non-flowing well: 47 feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 15

How tested: Bailer Bucket

Length of test \_\_\_\_\_

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

(over)





File No. ....

T. 10N R. 24E

DUPLICATE

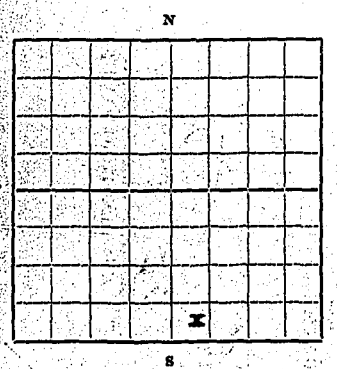
County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. GRAVES RANCH COMPANY, 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:



SE 1/4 Sec. 10 T. 10 R. 24  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- The beneficial use on which the claim is based STOCK WATER
- Date or approximate date of earliest beneficial use; and how continuous the use has been JULY 1956
- The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY 1956
- The depth of water table ~~120 ft.~~ Unknown
- 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 120 ft.
- The estimated amount of groundwater withdrawn each year as needed for stock 1,555,200
- The log of formations encountered in the drilling of each well if available unavailable drilled by WESTERN GEOPHYSICAL CO
- 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.

GRAVES RANCH COMPANY  
Signature of Owner Clean B. Graves  
Date 9/23/63 President

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.

13602

169390

STATE OF MONTANA,  
MUSSELHELL COUNTY,

FILED THIS 26 DAY OF

Dec A. D. 1963

AT 1:26 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Roscoe  
DEPUTY

92 rd

RECEIVED  
MAY 20 1963

CLERK OF DISTRICT COURT  
MUSSELHELL COUNTY  
MUSSELHELL, MONTANA

CLERK OF DISTRICT COURT  
MUSSELHELL COUNTY  
MUSSELHELL, MONTANA

STATE OF MONTANA, MUSSELHELL COUNTY, FILED THIS 26 DAY OF Dec A. D. 1963 AT 1:26 O'CLOCK P.M. B. H. MATZKE COUNTY RECORDER Clair J. Roscoe DEPUTY

NOTICE  
I, the undersigned, Clerk of the District Court of the County of Musselshell, Montana, do hereby certify that the within and foregoing is a true and correct copy of the original of the same as the same appears from the records of the Court.  
Witness my hand and the seal of the Court at Musselshell, Montana, this 26th day of December, 1963.  
CLAIR J. ROSCOE  
DEPUTY CLERK OF DISTRICT COURT

Form No. 18  
8-60

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 15 1956

Water Well Log

STATE ENGINEER

	x	

Owner Graves Ranch Company Address Roundup, Montana

Driller Western Geophysical Address L.A. Calif.

Date Started July 1956 Date Completed Same

Location: Sec. 10 T. 10 R. 24  $\frac{1}{4}$  sec. SE

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 140 ft. Type 20 Ga. Galv. Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 60 to ft. 120. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 20 ga. Galv. Screen type

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

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

Pumping water level 90 feet at 6 gal. per min.

How tested: pump

Length of test 24 hours.

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

No log was kept on this well.

(over)

13

File No. ....

T. 10 N R. 24 E

DUPLICATE

County Miss.

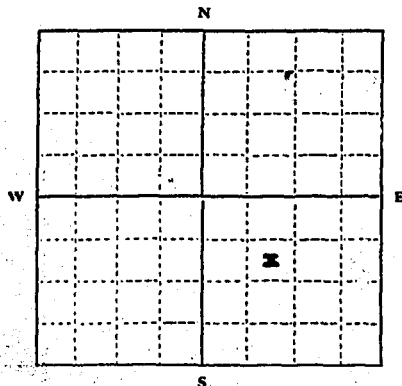
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence D. Stanley, of Box 516 Roundup  
(Name of Appropriator) (Address) (Town)  
County of Miss. State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NV SE  
SW 1/4 NE Sec 13 T. 10 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 1950

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 none

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

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

8. The depth of water table 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing 80 feet deep

10. The estimated amount of groundwater withdrawn each year 300,000 gal.

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

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

Signature of Owner Lawrence D. Stanley  
By Frank Holliday  
Date Dec 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.

11672

169267

STATE OF MONTANA  
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec A. D. 19 63

AT 3:30 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gosman  
DEPUTY

#2.00

OFFICE OF COUNTY CLERK  
MUSSELSHELL COUNTY  
MUSSELSHELL, MONTANA

GW.

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

File No. ....

T. 10 N R. 24 E

DUPLICATE

County Musselshell

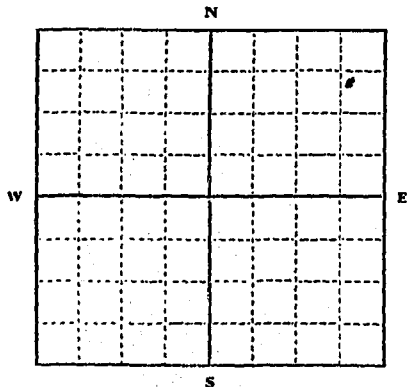
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

DEC 30 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William F Harris, of Box 113 Roundup Mont  
(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 1/4 Sec. 14 T. 10 R. 24 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 Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
- 8. The depth of water table Dug well and is 18 ft 12 ft.
- 9. So far as it may be available, the type, size and depth of, each well or the general specifications of any other works for the withdrawal of groundwater 4 ft and is 18 ft.
- 10. The estimated amount of groundwater withdrawn each year 216000
- 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 William F Harris  
Date Dec. 27-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

15325

169428

STATE OF MONTANA,  
MUSSELHELL COUNTY.

FILED THIS 27 DAY OF

December A.D. 1963

AT 3:01 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Lawson  
DEPUTY

2.  
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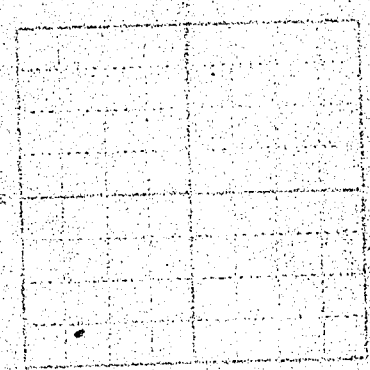
*Handwritten notes:*  
Musselshell  
1963  
11/27/63

ALLIANCE TO BE  
REOPENED TO BE  
REOPENED TO BE  
REOPENED TO BE

*Handwritten notes:*  
W. H. ...

*Handwritten notes:*  
Rec'd by ...

*Handwritten notes:*  
1963  
11/27/63



*Handwritten notes:*  
1963  
11/27/63



GW

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

14

File No. ....

T. 11 N. R. 24

DUPLICATE

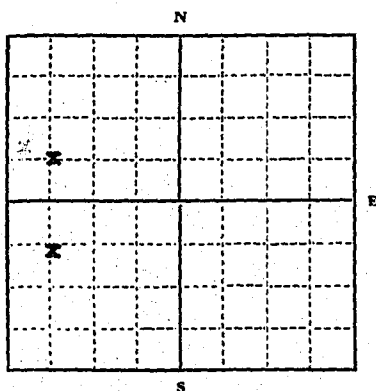
County .....

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. GRAVES RANCH CO., of Roundup, Montana  
(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:



SW 1/4 NW 1/4 Sec. 14 T. 11 N. R. 24 E

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

- The beneficial use on which the claim is based Stockwater and sub-irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1890 continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) 100 miners inches
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
Over stream in W 1/2 23-26 and N 1/2 35 and 36 Sec 14 T. 11 N. R. 24. 200 acres  
Graves Ranch Co., BLH, State
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Natural flow, Spring
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
- The depth of water table Surface
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
- The estimated amount of groundwater withdrawn each year..... 100 miners inches
- The log of formations encountered in the drilling of each well if available.....
- 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 water has been used for stockwater and sub-irrigation continuously since the land has been in private ownership.

GRAVES RANCH CO. , By

Signature of Owner..... President

Date..... 12/26/63

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.

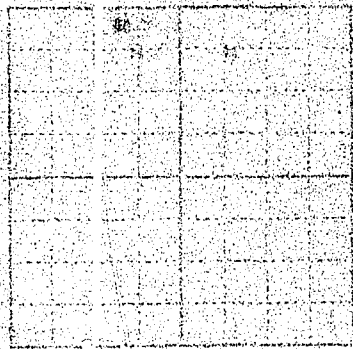
17853

169604

STATE OF MONTANA,  
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF  
Dec 1963  
AT 4:50 O'CLOCK P.M.  
**B. H. MATZKE**

COUNTY RECORDER  
*Francis A. Dawson*  
DEPUTY



RECORDED  
INDEXED

169604

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner William Harris

Address Roundup, Mont.

Date well started Oct. 18, 1972

completed Oct. 19, 1972

Type of well Drilled

Equipment used Rotary

Water Use: Domestic  Municipal  Stock  Irrigation

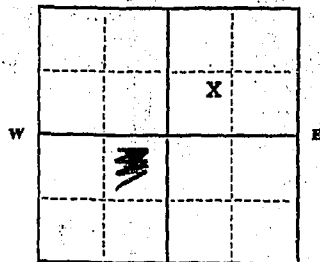
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8" 20" pf.	0	21	none gravel shutoff		
6 3/4"	5" plastic	0	117	slotted	85	110



Static water level 60 ft.\*  
Pumping water level 75 ft.\*  
at 5 gallons per minute,  
measured 5 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by bailing  
for 2 hours.

Power..... Pump..... HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

SW NE  
SE NW 1/4 Sec. 15  
T. 10 N. R. 24 E  
S W

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

Driller's Signature Melvin E. Hunt

Driller's Address Klein Star Bto.

Roundup, Montana LICENSE NO. 207

RECEIVED

MAR 13 1973

County Missoula

DRILLER'S LOG

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	18	gravel
18	30	clay
30	35	cement type gravel hard
35	55	blown sandstone
55	70	shale
70	85	shale & clay
85	95	shale & bentonite
95	105	bentonite & sand
105	117	bentonite & shale

117 Show exact depth of bottom

~~185231~~

185232

STATE OF MONTANA,  
MUSSEL SHELL COUNTY.

FILED THIS 7<sup>th</sup> DAY OF

March A. D. 1923

AT 5:12 O'CLOCK P.M.  
**CLAUDE F. FLETCHER**

COUNTY RECORDER

Shirley Ann

DEPUTY

*[Faint, mostly illegible text from the reverse side of the document is visible through the paper. Some words like "MUSSEL SHELL COUNTY" and "STATE OF MONTANA" are discernible.]*

*[Handwritten initials or marks on the left margin.]*

15

File No. ....

T. 11 N R. 24 E

DUPLICATE

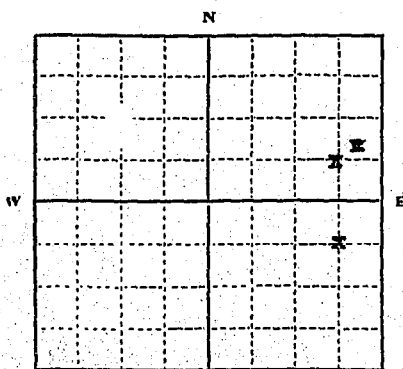
County Musselshell

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. GRAVES RANCH CO., of Roundup, Montana  
(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 1/4 NE 1/4 Sec. 15 T. 11 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 Stockwater and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 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  
100 acres in sec. 14-15 23 T 11 R 24 W 23-26, 35 & 36 Graves Ranch Co., Blaine State T11 R24

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

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 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

10. The estimated amount of groundwater withdrawn each year 150 miners inches

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 This water has been used for stockwater and sub-irrigation continuously since the land has been in private ownership.

GRAVES RANCH CO., BY

Signature of Owner President

Date 12/26/63

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.

17854



17

File No. ....

T. 11 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

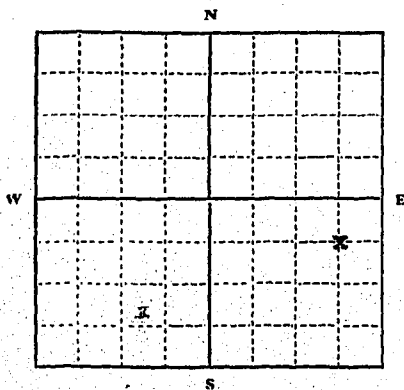
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. GRAVES RANCH CO., of Roundup, Montana  
(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 17 T. 11N. R. 24E

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. 1935

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

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

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. 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.

10. The estimated amount of groundwater withdrawn each year. 561,600 gals.

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. This water has been used for stockwater continuously since ~~the date of the first appropriation~~ 1935

GRAVES RANCH CO. By

Signature of Owner. President

Date. 12/26/63

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.

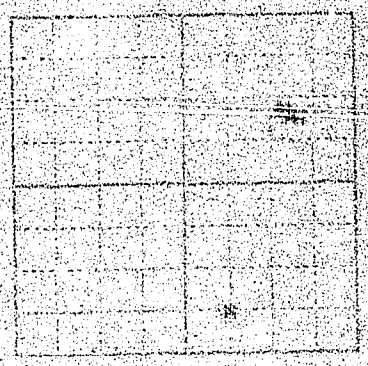
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

17852

169603

STATE OF MONTANA,  
MUSSELSHELL COUNTY, } ss.  
FILED THIS 30 DAY OF  
Dec A.D. 1963  
AT 4:45 O'CLOCK P M.

**B. H. MATZKE**  
COUNTY RECORDER  
*Francis L. Dawson*  
DEPUTY



*2.00*

TO THE RECORDS OF THE COUNTY OF MUSSELSHELL MONTANA

RECORDED

INDEXED

FILED

NOV 11 1963

MUSSELSHELL MONTANA

RECORDED

INDEXED

FILED

NOV 11 1963

MUSSELSHELL MONTANA



T. 10 R. 24

County.....

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner **Fearless Oil & Gas Company**  
**Wytana Ranch Division** Address **Pearless Incorporated**  
**1670 Denver Club Bldg.**  
**Denver 2, Colorado**

Driller **Gordon Scammon** Address **Ranch, Montana**

Date Started..... Date Completed **Sep. 15, 1951**

Location: Sec **17** T. **10** R. **24** ¼ sec. **NW ¼ SW ¼**

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

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

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

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

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

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

Type of screen or perforations.....

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

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

Pumping water level **80** feet at **35** gal. per min.

How tested: **Bailed**

Length of test.....

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

WYANA CATTLE COMPANY  
FRONGHORN WATER WELL NO. 14      NW $\frac{1}{2}$ SW $\frac{1}{2}$  Sec 17, T10 R24  
DRILLED BY GORDON SCAMMON, Roundup, Montana

0 - 30 Sandstone grey medium  
30 - 40 Sandstone grey Hard  
40-67 Sandstone soft, Water  
67 - 80 Shale medium.

Total depth 80 feet. Water 25 ft. from top of ground.  
Cave catcher set at 40 ft. no surface pipe.  
Well bailed 35 gallons per minute. 80 feet 4 $\frac{1}{2}$  inch  
casing used. Well completed September 15, 1951  
Slotted from 40 ft. to 67 ft.

RECEIVED

File No.....

APR 27 1973

T. 10 R. 24 A

DUPLICATE

County... Musselshell

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION STATE OF MONTANA ADMINISTRATOR OF GROUND WATER CODE OFFICE OF STATE ENGINEERS

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

United States Government

Owner: Bureau of Land Management Address: Lewistown, Montana 59457

Driller: Larry Jennings Address: Lewistown, Montana 59457

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

Date well started: 3-20-73 Date completed: 4-6-73

Type of well: Drilled Equipment used: Cable tools

Water use: Domestic [ ] Municipal [ ] Stock [X] 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.

Top of Ground

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

0 -- 2 -- Small amount of gravel & sand in brown sandy clay. Grass roots at top.

2 -- 8 -- Small gravel in clay.

8 -- 12 -- Soft fine silted sand. Greenish brown.

12 -- 38 -- Pale green shale with thin streaks of light brown shale. Soft -- sticky.

38 -- 73 -- Green sandy shale. Firm. Medium hard.

73 -- 76 -- Dark gray shale with thin layers of bright blue sandy shale.

76 -- 107 -- Light gray-blue sandy shale.

107 -- 118 -- Pale gray shale. Very sandy.

118 -- 121 -- Some lignite showing in samples.

121 -- 128 -- Shale, becoming darker gray.

128 -- 153 -- Light gray sandy shale. Bentonitic.

153 -- 164 -- Tan, slaty lime. Hard, brittle. Small amount of water.

164 -- 179 -- Light gray shale with little blue-green sand chunks. Small amount of soft lignite in samples.

179 -- 184 -- Soft lignite and shale.

184 -- 188 -- Hard. Gray lime & shale.

188 -- 200 -- Gray sandy shale.

200 -- 202 -- Hard gray shale -- Sandy.

202 -- 204 -- Lignite showing in sample.

204 -- 208 -- Light gray sandy shale.

208 -- 212 -- Dark gray muddy shale (or possibly lignite)

212 -- 218 -- Light gray shale, Very muddy. Bentonitic. Slightly sandy thin layers.

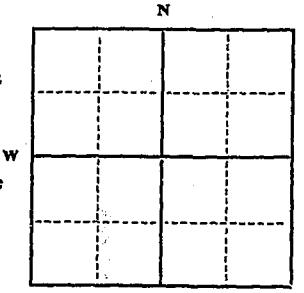
218 -- 239 -- Light gray shale with very fine sand.

239 -- 248 -- Gray shale.

Show exact depth of bottom.

248 -- Bottom

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static Water Level for non-flowing well 110 feet.

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

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

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

How Tested: Bailor tested

Length of Test: 4 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cement platform at top-6 ft. square, 6" thick. Reinforced with re-bar.

(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)

Filed for record this 26th day of April A. D. 1973 at 12:05 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.

226 Driller's License Number

Larry Jennings Driller's Signature

185478

STATE OF MONTANA,  
MUSSELSHELL COUNTY

FILED THIS 26<sup>th</sup> DAY OF

April A. D. 1923

AT 12:05 O'CLOCK P.M.

COUNTY RECORDER

*Frances L. Lauritzen*

DEPUTY

2.00

OFFICE OF COUNTY ENGINEER  
MUSSELSHELL COUNTY  
MONTANA

Notice of completion of construction  
Application by Mrs. J. M. [Name]  
MUSSELSHELL COUNTY

Handwritten notes and text describing the construction project and completion details.

Table with columns for 'DATE', 'TO', 'FROM', 'REMARKS'. Contains entries for dates like 1-23-23, 2-1-23, 2-15-23 and names like J. M. [Name], J. M. [Name].

File No. ....  
DUPLICATE  
~~XXXXXX~~

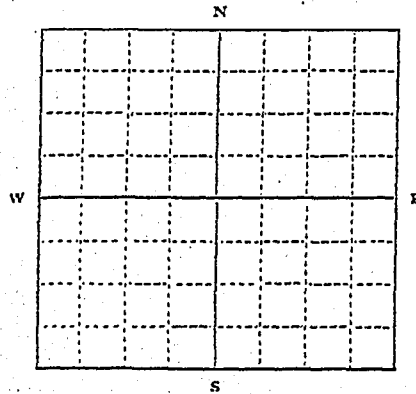
T. 10N R. 24E  
County. Musselshell

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 30 1963  
STATE ENGINEER

1. Wytana Livestock Company, of Rts. 2, Box 285, Bozeman, Montana  
(Name of Appropriator) (Address) (Town)  
County of Gallatin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 20, T. 10N R. 24E

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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
Before 1947 - Continual
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
Minimum 10 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 by 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.....  
.....
- 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.....  
Cased to 80' 95' Deep
- 10. The estimated amount of groundwater withdrawn each year.....  
.....
- 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 purposes of this act, including reference to book and page of any county record.....  
.....

Signature of Owner [Signature]  
Partner  
Date 12-20-63

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.

169419

STATE OF MONTANA, }  
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF  
dec A. D. 19 63  
AT 2:22 O'CLOCK P M.

**B. H. MATZKE**

COUNTY RECORDER

Frances L. Dawson  
DEPUTY

2. -

File No. \_\_\_\_\_

T. 10 N R. 24  
County Musselshell

DUPLICATE

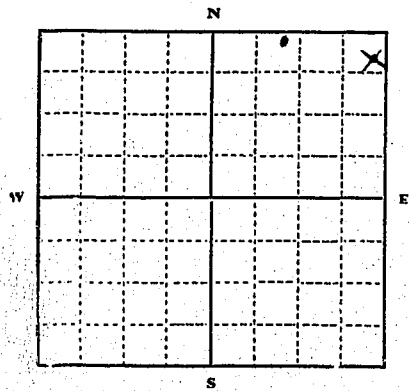
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. William F Harris of Box 113 Roundup Mont  
(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. 1/4. W. Sec. 22. T. 10. 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 livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960 - use it for stock all year long.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 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 pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 30 - 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 4 in casing and it is 90 feet
- 10. The estimated amount of groundwater withdrawn each year 108000
- 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 William F Harris  
Date Dec 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
Please answer all questions. If not applicable, so state otherwise the form will be returned.  
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

Q

169432

STATE OF MONTANA, }  
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF

Dec A.D. 1902

AT 3:05 O'CLOCK P M.

B. H. MATZKE

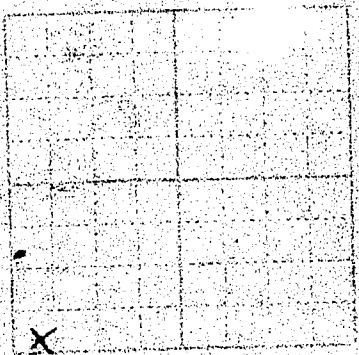
COUNTY RECORDER

Francis L. Dawson

DEPUTY

*W. H. ...*

*W. H. ...*



RECORDED  
INDEXED  
MAY 10 1903

3.02

*W. H. ...*

*Ball's ...*

*W. H. ...*

*W. H. ...*

*1880 - ...*

*W. H. ...*

*W. H. ...*



Form No. 18  
8-60

22

T. 10 R. 24  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
DEC 29 1961

Water Well Log

STATE ENGINEER


Owner William F. Harris Address Box 113 Roundup Mont  
Driller \_\_\_\_\_ Address \_\_\_\_\_  
Date Started \_\_\_\_\_ Date Completed 1960  
Location: Sec. 22 T. 10 R. 24  $\frac{1}{4}$  sec. NW.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \_\_\_\_\_

Casing: 0 ft. to 90 ft. Type Steel Size 4 in

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or screened: Ft. 25 to ft. 90 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 10 feet.

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

Pumping water level 60 feet at 2 1/2 gal. per min.

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

(over)

10N 24E 23  
County Musselshell

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

RECEIVED  
MAR 13 1970  
MONTANA DEPARTMENT OF WATER RESOURCES AND CONSERVATION  
Indicate the character, color, thickness of strata such as soil, clay, sand, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

(Under Chapter 237 Montana Session Laws, 1961, as amended)  
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.  
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner William Harris  
Address Box 113  
Roundup, Montana 59072  
Date well started Dec. 26, 1972  
completed Dec. 27, 1972

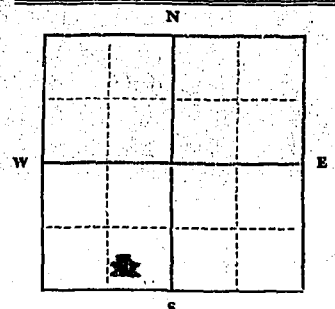
For Administrator's Use
File <u>185231</u>
<u>MARCH 9, 1973</u>
GW 1 <u>3:12 p.m.</u>

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Rotary  
(Churn drill, rotary or other)  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	5 1/2" I.D. Plastic	0	115	slotted	85 25	105 60



Static water level 30 ft.\*  
Pumping water level 25 ft.\*  
at 15 gallons per minute,  
measured        minutes after pumping began.  
\*Measured from ground level.  
Well developed by bailing  
for 1 1/2 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SH 1/4 SE 1/4 Sec. 23  
10 (N) R. 24 (E)  
S W

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

Driller's Signature Maude E. Hunt  
Driller's Address Klein Star Rte.  
Roundup, Mont. 59072 LICENSE NO. 207

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	10	gravel
10	30	clay
30	38	brown sandstone
38	41	coal (dirty)
41	55	benonite & green shale
55	58	blue gray shale w/
		red bentonite
58	65	gray bentonite
65	69	sandy bentonite (hard tight)
69	86	blue green shale & bentonite
86	88	gray lime
88	102	sand & bentonite (60%)
102	115	bentonite & shale

115 Show exact depth of bottom

58,620



67

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

File No. ....

T. 11 N R. 24

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

1. GRAVES RANCH CO., of Roundup, Montana  
(Name of Appropriator) (Address) (Town)

County of Misselshell 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... Stockwater  
and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1890 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 100 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  
Secs 25, 26, 35 & 36 T11N R. 24E Over stream in NW 1/4 23-26 & GRAVES RANCH CO., BLM, STATE NW 1/4 35 & 36 T11R24 150 acres

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

1/4 Sec 23 T. 11 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

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

10. The estimated amount of groundwater withdrawn each year... 100 miners inches

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... This water has been used for stockwater and sub-irrigation continuously since the land has been in private ownership.

GRAVES RANCH CO. By

Signature of Owner..... President

Date..... 12/26/63

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.

17851