

169275

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF

Dec A.D. 1963
AT 3:40 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Hoerner
DEPUTY
42.00

RECORDED
INDEXED
MUSSELSHELL COUNTY
MONTANA

File No. _____

T2 N R 24 E

DUPLICATE

County Muss.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

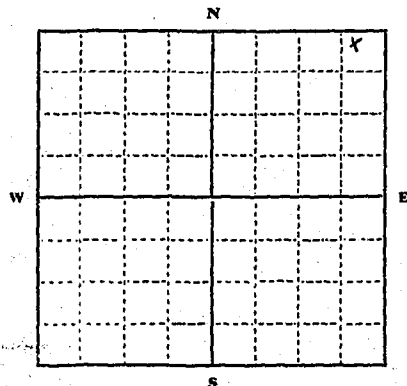
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Lawrence D. Stanley, of Box 316, Roundup
(Name of Appropriator) (Address) (Town)
County of Muss. State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 15 T2 R24

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 summer 1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump and cylinder
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater summer 1953
8. The depth of water table 25 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 100 feet deep
10. The estimated amount of groundwater withdrawn each year 400,000 gal.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.

11679

169274

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec A. D. 1963

AT 3:39 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Elaine J. Gossman
DEPUTY

\$2.00

21416 EUGENIE
DEC 21 1963
RECEIVED

File No.

T. 9 N. R. 24 E

DUPLICATE

County Miss.

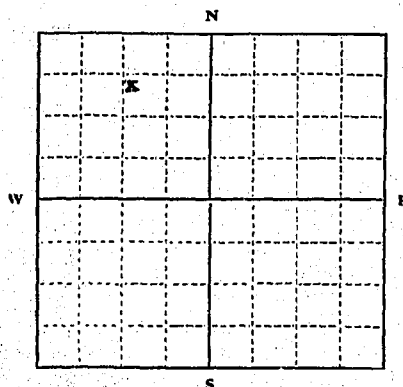
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963
STATE ENGINEER

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:



NE 1/4 NW Sec. 14 T. 9 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 spring 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 18 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 spring 1920
8. The depth of water table 18 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 60 feet deep
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
11. The log of formations encountered in the drilling of each well if available not
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 Mgr.
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.

11675

169270

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec A. D. 1963
AT 3:35 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Clair J. Hassman
DEPUTY

RECEIVED
DEC 20 1963
B H MATZKE
COUNTY RECORDER

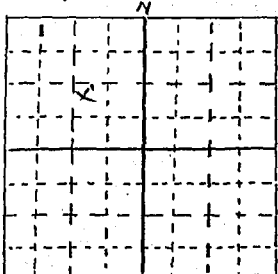
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
County: MISSOULA
JAN 8 1964

STATE ENGINEER

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

1. E. D. DAUGHERTY, of ROUNDUP
(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:



NW 1/4 Sec 9 N. 24 E. R

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

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

STOCK WATER

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

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

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

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

8. The depth of water table 80 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 1 1/4 IN. PIPE 2 IN. CYLINDER
80 FT DEEP

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

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 count record.....

Signature of Owner E. D. Daugherty

Date Dec 31, 1963

169697

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 2:12 O'CLOCK P.M.

DEPT. MATTER

COUNTY RECORDER

Francis L. Dawson
200
DEPUTY

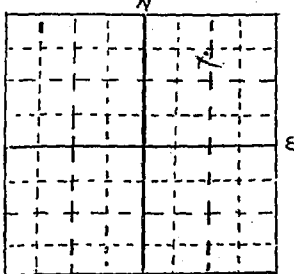
GW 4

State of Montana
Administrator of groundwater Code
Office of State Engineer

18
T. 9N. R. 24E
County: Musselshell
JAN 3 1964
ENGINEER

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

1. E. D. DAUGHERTY, 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:



NN. 18 Sec 9N. T. 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 WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..1947. CONTINUOUS.....
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.....
WINDMILL
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
WINDMILL
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water1947.....
8. The depth of water table ..120 FT......
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 IN. CASING, 1 1/4 IN. PIPE, 2 IN. CYLINDER
120 FT. DEEP
10. The estimated amount of groundwater withdrawn each year...10,000 GAL...
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 count record.....

Signature of Owner... E. D. Daugherty
Date ..Dec 9, 1963...

169688

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A.D. 19 63
AT 1:40 O'CLOCK P.M.

E. E. MATZKE

COUNTY RECORDER

Francis L. Dawson
306

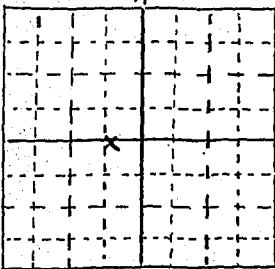
State of Montana
Administrator of groundwater Code
Office of State Engineer

9N 24E
County of Musselshell
JAN 9 1964

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

STATE ENGINEER

1. E. D. DAUGHERTY 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:



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.....
1947 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
4 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.....
SW 1/4 Sec. 9N T. 24E

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

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

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

8. The depth of water table.....
200 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 IN CASE 2 IN PIPE, 2 IN CYLINDER
200 FT DEEP

10. The estimated amount of groundwater withdrawn each year.....
6,000 GAL

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 count record.....

Signature of Owner.....
Date Dec 31, 1963

169689

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 1963

AT 1:45 O'CLOCK P. M.

DELL MATZKE

COUNTY RECORDER

Francis L. Dawson
2⁰² DEPUTY

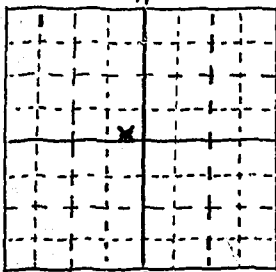
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 9N R. 24E
County MUSSELSHELL

JAN 3 1964

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

1. E. D. DAUGHERTY....., 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:



NW 1/4 Sec. 9N. 24E.R

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

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

STOCK WATER

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...6. G.P.M. 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.....
WINDMILL

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

8. The depth of water table ...140 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, 1 1/4 IN. PIPE, 2 IN. CYLINDER
140 FT DEEP

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

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 count record.....

Signature of Owner...E. D. Daugherty.....

Date ...Dec 31, 1963.....

169687

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 19 13

AT 1:37 O'CLOCK P.

H. H. MAIZEN

CLERK OF DISTRICT COURT

James L. Dawson
301

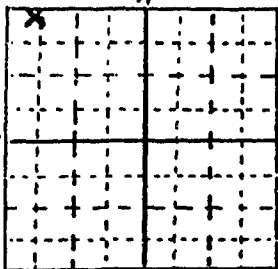
GN 4

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

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

1. E. D. DAUGHERTY, of ROUNDUP
(Name of Appropriator) (Address) (Town)
County of MUSKELGEE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 21 Sec 9N 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 WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6.6 G.P.M. 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.....
WIND HILL
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1947
8. The depth of water table 100 FT
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 IN CASING 1 1/2 IN PIPE 210 CYLINDER
100 FT DEEP
10. The estimated amount of groundwater withdrawn each year. 10,000 GAL
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 count record.....

Signature of Owner E. D. Daugherty

Date Dec 31, 1963

20543

169699

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 2:17 O'CLOCK P. M.
B. H. MAISON

RECORDED
Francis L. Dawson
202

File No.

T. 9 N. R. 24 E.

DUPLICATE

County. Musselshell

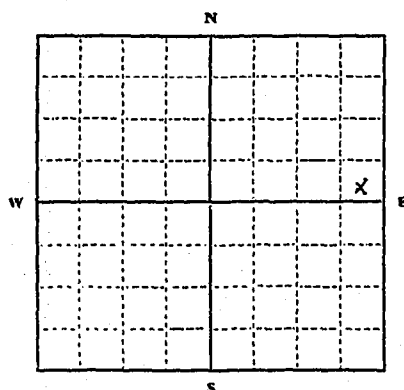
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights **RECEIVED**
DEC 23 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lawrence D. Stanley, of Box 316 Roundup, Montana, of 50 West Broad St. Columbus, Ohio
(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 NE Sec. 14 T. 9 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 spring of 1954
steadily used
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump and cylinder
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring of 1954
8. The depth of water table 100 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 hole 402 feet deep
10. The estimated amount of groundwater withdrawn each year 400,000 gallons
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

Date

Lawrence D. Stanley
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.

11663

169258

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec A.D. 1963

AT 3:22 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Blaine J. Garamba
DEPUTY

RECEIVED

RECEIVED

STATE ENGINEER

G7

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

File No.

T 2 N R 24 E 26

DUPLICATE

County Miss.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

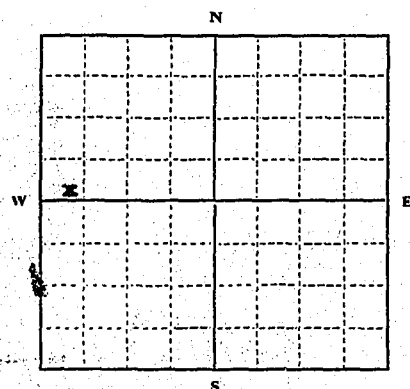
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Lawrence D. Stanley, of Box 316, 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:



SW 1/4 NW Sec 26 T 2 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 summer 1953
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 pump and cylinder
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater summer 1953
8. The depth of water table 45 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 250 feet
10. The estimated amount of groundwater withdrawn each year 500,000 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 Mgr.
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.

11676

169271

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 22 DAY OF

AT 3:36 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

RECEIVED

DEC 23 1963
RECEIVED

STATE ENGINEER

File No. SEP 15 1966

174479

T. 9N R. 24E 31

County Musselshell

DUPLICATE

McDermott
M. D. D. D.
Morton
Sullivan

Top of Ground

(Elev. above sea level)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Bailed
and cleaned
out previously
drilled
Abandoned
oil
well.

Owner Bureau of Land Management Address Lewistown, Mont

Driller Joe Johnson Address Terry, Mont

Date of Notice of Appropriation of Groundwater

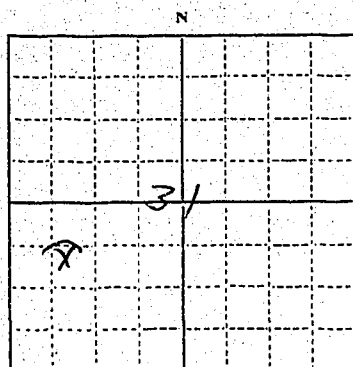
Date well started 8/11/66 Date Completed 8/22/66

Type of well Drilled Equipment Used Spudder
(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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	5" I.O. 15.8 #/F	Top	405	slots 1/8"x6"	340	385



NW 1/4 Sec. 31 T. 9N R. 24E
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 4.8 feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level 200 feet at 6 gal. per minute.

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

How Tested Bailer Length of Test 4 hrs.

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)

154
Driller's License Number

Jose Leon Johnson
Driller's Signature

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

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

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

41,402

File No.

T. 9 N. R. 24 E

DUPLICATE

County. Miss.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

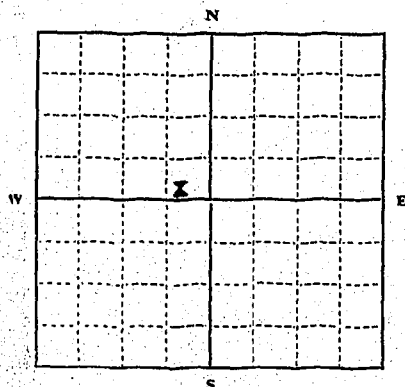
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence D. Stanley, of Box 316 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:



33 1/4 NW Sec. 35 T. 9 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 summer 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 summer 1950
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 175 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 Mgr.
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.

11677

169272

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Nov A. D. 1963

AT 3:37 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

CLERK OF DISTRICT COURT
MUSSELSHELL COUNTY
MONTANA

RECEIVED
DEC 21 1963

AGRICULTURAL MECHANICAL ENGINEER

G1

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

File No.

T. 9 N R. 24 E

DUPLICATE

County Miss.

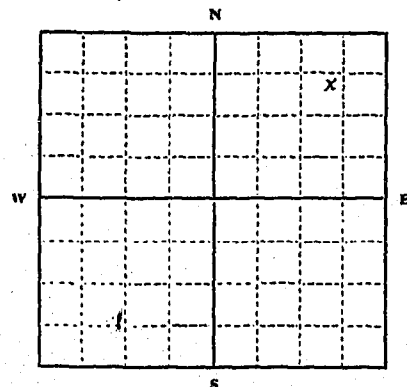
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence D. Stanley, of Box 316, 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:



NE 1/4 Sec 36 T.9 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 summer 1952
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 summer 1952
8. The depth of water table 60 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 220 feet deep
10. The estimated amount of groundwater withdrawn each year 400,000 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.

11678

165273

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS 20 DAY OF

Dec A. D. 1963

AT 3:38 O'CLOCK P.M.

B. H. MATZ

COUNTY RECORDER

DEPUTY

42-18

2111 17/00/63

17 17/00/63

County Musselshell Twp. 9N Rge. 25E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Oset, Frank	GW4	167145	
1	U.S. Bureau of Land Management	GW2		
2	Kela, Ed	5706	165054	
2	Oset, Frank	GW4	169144	
3	Adolph, Oscar	GW3	169437	
4	Sprague, Lewis	GW4	169166	
4	Civil Defense of Musselshell County	GW2	175404	
5	Hockmuth, Henry	GW4	169411	
6	" "	5706	157169	
6	" "	5706		
6	" "	GW4	169412	
7	" "	GW2	173355	
7	" "	GW2	185760	
7	" "	GW2	183120	
7	" "	GW4	169409	
7	Adolph, August	5706		
8	" "	GW4		
8	" "	GW4	169443	
8	" "	GW4	169444	
9	" "	GW4	169442	
9	" "	GW3	169436	
9	Sprague, Lewis	GW3	169168	
9	" "	GW4	169167	
10	Adolph, Oscar	GW3	169435	
12	" "	GW4	169445	
13	Adolph, August	5706	164981	
14	" "	GW4		
14	" "	GW4		
16	" "	GW4		
17	" "	5706		
17	Adolph, Oscar	GW4	169441	
18	" "	GW4	169438	
18	Adolph, Wesley	GW2	181277	
22	Adolph, August	5706		
25	Kind, Robert & Florence	GW4	168104	
25	Adolph, August	5706		
26	" "	5706		
26	Adolph, Oscar	GW4	169440	
26	Civil Defense of Musselshell County	GW2	175404	
28	Hamilton, Alma	5706		
29	Kind, Robert & Florence	GW4	168105	
32	Hamilton, Alma	5706		

Page 2 of 2

7

[illegible]

File No.

DUPLICATE

T. 9 N R. 25
County. Musselshell

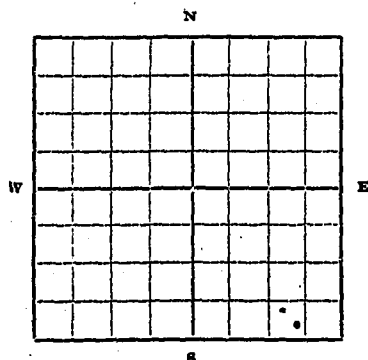
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 16 1963

STATE ENGINEER

1. I, Frank V. Oset, of Flatwillow Rte. 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:



Sec. 1 T. 9 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 Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947
used 8 months a year until 1962
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump with windmill or gas driven
pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 70 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 galvanized steel casing
121 feet deep
10. The estimated amount of groundwater withdrawn each year 264000 gallons
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 Frank V. Oset

Date 12-13-63

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.

9335

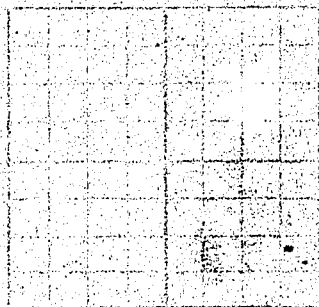
169145

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 13 DAY OF
Dec A. D. 1963
AT 2:00 O'CLOCK P. M.
B. H. MATZKE

COUNTY RECORDER

Frances L. Hanson
DEPUTY



THE STATE OF MONTANA, and a subdivision of the same, to-wit: the County of Musselshell, do hereby certify that the foregoing is a true and correct copy of the original as the same appears in the files of the County Recorder.

2:00
RECEIVED
DECEMBER 13 1963
CIVIL ENGINEER

File No. SEP 15 1966

T. 7N R. 25E

124483

County Musselshell

DUPLICATE
 McDermott
 McNulty
 Merrill
 Sullivan
 Top of Ground

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Law Management Address Lewistown, Mont.

Driller Joe Johnson Address Terry, Mont

Date of Notice of Appropriation of Groundwater

Date well started 6/24/66 Date Completed 7/2/66

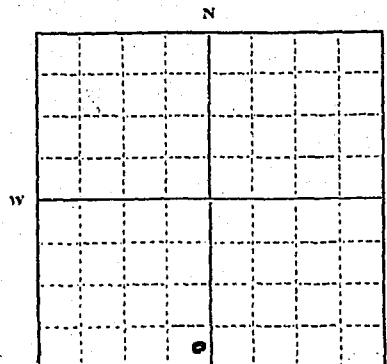
Type of well Drilled Equipment Used Spudder
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

(Elev. above sea level)
 0'-2' Topsoil
 2'-16' Sandstone
 16'-20' Sandrock
 20'-31' Sandstone
 31'-36' Sandrock
 36'-46' Shale
 46'-80' Sandstone
 80'-95' Shale
 95'-100' rock
 100'-105' Shale
 105'-115' Sandstone
 115'-145' Shale
 145'-160' Sandstone
 160'-175' Shale
 175'-180' Sandstone
 180'-250' Shale
 250'-255' rock
 255'-260' rock & shale
 260'-275' Shale
 275'-285' Shale & coal
 285'-290' coal
 290'-300' Shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8"	6" I.D. 19.13 #/ft.	0'	250'	Holes 3/8"	40'	70'
5"	None	250'	300'		140'	164'



SE 1/4 SW Sec. 1 T. 7N R. 25E
 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 50 feet.

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level 170 feet at 3 1/2 gal. per minute.

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

How Tested Baler Length of Test 10 hrs.

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)

Packer at 40' 85' 248'

154
 Driller's License Number

Joe Johnson
 Driller's Signature

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

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

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

41,406

STATE OF MONTANA
MUSSELSHELL COUNTY.

FILED THIS 14 DAY OF
Sept A. D. 1966

AT 4.45 O'CLOCK P. M.

Claude L. Lister
COUNTY RECORDER

200
1966

OFFICE OF BIRTH RECORDS
ADMINISTRATOR OF RECORDS
BATTLE OF BATTLE

1966/1967

1966/1967

Abolition in House of Reps.
House of Representatives
House of Representatives

House of Representatives
House of Representatives
House of Representatives

House of Representatives
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House of Representatives
House of Representatives

Form No. 18
8-60

2

T. 9 R. 25
County MOSELLE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

X		

Owner ED KLOS Address ROUNDUP MONT
Driller JOE KONBOL Address ROUNDUP MONT
Date Started 9-18-61 Date Completed 9-24-61
Location: Sec. 2 T. 9 R. 25 $\frac{1}{4}$ sec. S.W.

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 198 ft. Type 20 GAUGE GAL Size 6"

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

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

Perforated or Screened: Ft. 90 to ft. 96 . Ft. 130 to ft. 165
180 186

Type of screen or perforations FACTORY SCREEN

Static water level, for non-flowing well: 90 feet.

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

Pumping water level 140 feet at 8 gal. per min.

How tested: BAILER

Length of test 1 HR

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

(over)

Log of Well

[illegible]

File No.

DUPLICATE

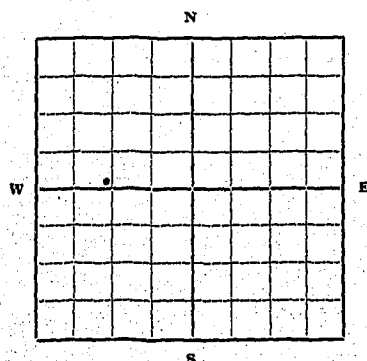
T. 9N R. 25E
County Musselshell

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 16 1963
STATE ENGINEER

1. Frank V. Oset, of Flatwillow Rte. 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 NW Sec. 2 T. 9 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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960, used continuously since completed
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 22 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump with gas driven pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960
8. The depth of water table 88 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 5 inch galvanized steel casing 198 feet deep
10. The estimated amount of groundwater withdrawn each year 472000 gal.
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 Frank V. Oset

Date 12-13-63

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.

9334

169144

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 13 DAY OF Dec
A. D. 19 63
AT 1:55 O'CLOCK P M.

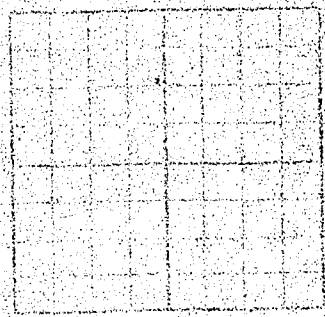
B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2. ⁰⁰
OFFICE OF THE COUNTY RECORDER
MUSSELSHELL COUNTY, MONTANA
STATE OF MONTANA

NOT
DECLARED
CIVIL ENGINEER



THE STATE OF MONTANA, and the County of Musselshell, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears of record in the office of the County Recorder of said County.

Witness my hand and the seal of said County, this 13th day of December, 1963.

Francis L. Dawson
Deputy County Recorder

File No.

T. 9N R. 25E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.

Owner Oscar G. Adolph Address Roundup, Mont.

Contractor (if any) none

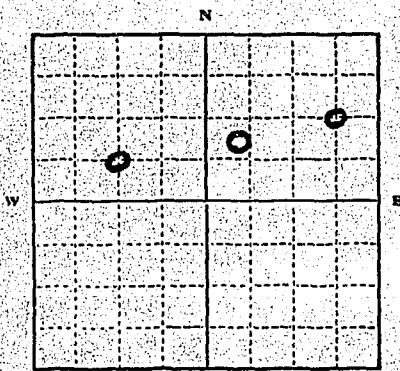
Address of Contractor

Date Started

Date Completed

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

Average depth of each spring = 2 ft.



1/4 Sec. 3 T. 9N 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.

Estimate 300 gallons per day
(on the average) figuring
2 gal. per head for 150 sheep

Signature of Owner Oscar G. Adolph

Date Dec. 23, 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.

169437

STATE OF MONTANA
MUSSELSHELL COUNTY
FILED THIS 27 DAY OF
MAY A.D. 1913
AT 3:10 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEEDY

File No.

T. 25 N. R. 25 E

DUPLICATE

County Musselshell

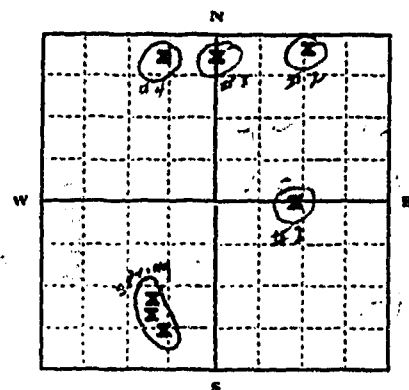
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963
STATE ENGINEER

1. Lewis Sprague, of Flat Willow Rt. 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:



$\frac{1}{4}$ Sec. 4 T. 9 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.
Stock Water & any other use necessary.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Unknown at least 40 years.
Used every day 245 days per year.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) I claim all the water these wells will produce every 24 hr. per day.
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.
Well No 1 has been used to irrigate a garden.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
pumps.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Unknown.
8. The depth of water table. From 5 feet to 200 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.
All wells in this section are 4" in diameter and approx. 200 feet deep.
Spring is about 4 to 6 feet wide and about 100 to 500 feet long.
10. The estimated amount of groundwater withdrawn each year. Unknown.
11. The log of formations encountered in the drilling of each well if available.
Not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
Not known.

Signature of Owner Lewis SpragueDate Dec. 17 - 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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

10140

169166

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 17 DAY OF
Dec A.D. 19 63

AT 2:10 O'CLOCK P.M.

R. H. MATZKE

COUNTY RECORDER

DEPUTY

92.00

RECEIVED AT JAILER'S OFFICE

CIVIL NUMBER

RECEIVED AT JAILER'S OFFICE

CIVIL NUMBER

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RECEIVED AT JAILER'S OFFICE

CIVIL NUMBER

File No.

STATE WATER CONSERVATION BOARD

T. 9 R. 25

DUPLICATE

APR 18 1967

County Musselshell

Billie _____ McDermott _____
 LOC Butte _____ McNulty _____
 Coyne _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE F.N. INEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Musselshell Co Address Roundup MontDriller Harvey McConnell Address Roundup Mont

Date of Notice of appropriation of groundwater:

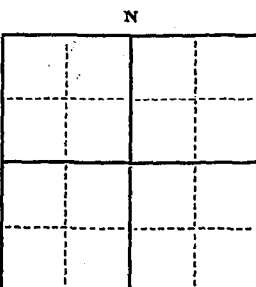
Date well started Feb 15, 1967 Date completed April 13, 1967Type of well drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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.

Top of Ground (Elev. above sea level)

30' sandstone
35' shale
37' coal
55' shale
61' sandstone
64' coal
66' sandstone
67' coal
82' shale
85' coal
86' shale
92' (Coal mine)
shale and layer of
hard sandstone from
150' 1' to 3' thick
160' sandy shale
173' sandstone
176' coal
181' sandstone
185' shale
195' sandstone
223' shale
4 1/2 GPM
240' sand (water)
shale with streaks of
sandy shale
& hard sand 1' to 2'
325' Thick

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10"	8"	0	86'			
8"	32#					
	6"	93'	225'	1/2"	220	240
	18#			slate		

Static Water Level for non-flowing well 205 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 240 feet
at 4 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailerLength of Test 4 hrRemarks: (Gravel packing, cementing, packers, type of shutoff) 8" casing
cemented with 5 lb
6" casing cemented
with 3 lb (2.5")

Sec. 4 T. 9 R. 25
 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).

To be used for drinking water
for Civil Defense fallout
shelter

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

Harvey McConnell
 Driller's Signature.

41884

GV

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

File No.

T. 9N R. 25E S. 5

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

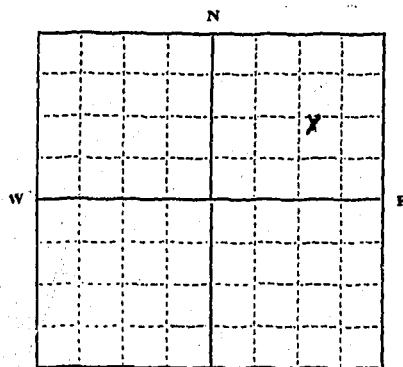
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 30 1963

STATE ENGINEER

1. Henry M. Hochmuth, of Box 886, Round,
(Name of Appropriator) (Address) (Tow.)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, J.



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 Nov, 1946
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal 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 & electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov, 1946
8. The depth of water table 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6-in, 25 ft deep pump
1/2 in pipe 3 x 16 cylind
10. The estimated amount of groundwater withdrawn each year 300,000
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 This is the only good well
I have on this sec.

Signature of Owner Henry M. Hochmuth
Date Dec 26, 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.

15311

169411

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.)

FILED THIS 27 DAY OF

Dec A.D. 19 63
AT 9:41 O'CLOCK AM.

B. H. MATZKE

COUNTY RECORDER

Clair J. Casman
DEPUTY

RECEIVED

MAR 27 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Henry M. Hochmuth Address Roundup

Driller Gordon Leamm Address Roundup

Date Started 3-6-58 Date Completed 3-15-58

Location: Sec. 6 T. 9 R. 25 $\frac{1}{4}$ sec. SW $\frac{1}{4}$ of NE $\frac{1}{4}$

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 98 ft. Type 1 + C Size 6"

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

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

Perforated or Screened: Ft. 87 to ft. 64 Ft. _____ to ft. _____

Type of screen or perforations slots

Static Water level, for non-flowing well: 25ft feet.

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

Pumping water level 85 feet at 4 gal. per min.

How tested: Bailer

Length of test _____

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

(over)

Log of Well

[illegible]

157169

T. 9 R. 25
County MUSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 21 1961

WATER WELL LOG

STATE ENGINEER

Owner HENRY HOCKMOUTH Address ROUNDUP, MONT.

Driller JOE KOMBOL Address ROUNDUP, MONT.

Date Started 1-25-61 Date Completed 1-30-61

Location: Sec. 6 T. 9 R. 25 $\frac{1}{4}$ sec. SW $\frac{1}{4}$ of SW $\frac{1}{4}$

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 76 ft. Type 20 G. GALVANIZED 6"

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

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

Perforated or Screened: Ft. 50 to ft. 73 Ft. _____ to ft. _____

Type of screen or perforations FACTORY PERFORATED

Static Water level, for non-flowing well: 15' FROM TOP OF WELL feet.

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

Pumping water level 12' FROM BOTTOM feet at 14 gal. per min.

How tested: DALER

Length of test 1 HR

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

(over)

[illegible]

1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4192

File No. _____

T. 9 N. R. 25

DUPLICATE

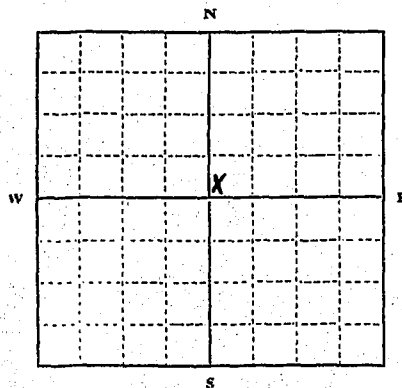
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

1. Henry M. Hochmuth, of Box 806 Roundup
(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 NE Sec. 6 T. 9 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 stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954, steady
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 no
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 1954
8. The depth of water table 25
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" casing 100' deep 1 1/2" pipe 3 1/2" x 16" cylinder
10. The estimated amount of groundwater withdrawn each year 300 thousand
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 only good water in this pasture

Signature of Owner

Henry M. Hochmuth

Date

Dec 26, 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.

15312

169412

STATE OF MONTANA,
MUSSELSHELL COUNTY. ^{ss}

FILED THIS 27 DAY OF

Dec. A.D. 19 63
AT 9:42 O'CLOCK a M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Hoesmer
DEPUTY

2.

File No. STATE WATER CONSERVATION BOARD

T. 9 N R. 25 E

DUPLICATE

JAN 4 1966

County MISSOULA

Bill _____
 S. LOG _____
 Co. _____
 Dickert _____
 Sullivan _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level) 3500

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

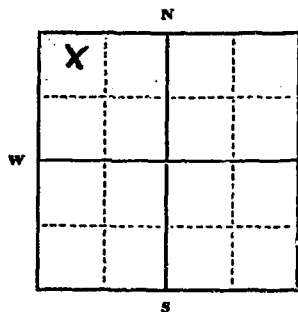
(Under Chapter 237, Montana Session Laws, 1961)

15 YELLOW CLAY
 38 " SANDY CLAY
 42 BLUE SHALE
 46 SAND ROCK
 53 BLUE SHALE
 60 SAND
 72 SHALE
 74 HARD ROCK
 79 SAND
 81 SHALE

Owner HENRY HOCKMUTH Address ROUNDUP, MONT.
 Driller JOE KOMBAL Address ROUNDUP, MONT.
 Date of Notice of appropriation of groundwater NONE
 Date well started 11-10-65 Date completed 11-16-65
 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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size of Hole	From (Feet)	To (Feet)
7"	5 1/2" 10 PLASTIC	0	80	2" HOLE	40	46
	8" 22 lb	0	11		54	60
					70	79



Static Water Level for non-flowing well 10 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 50 feet

at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BALLER

Length of Test 1 HR

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) 8" CASING

DROVE INTO CLAY

AND CEMENTED

PREVIOUS WELL HAD

RUST PROBLEM, SO USED PLASTIC

CASING

(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 Kombal
 Driller's Signature

40464

RECEIVED

JUN 20 1973

9N 25E 7
County: Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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.

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 Henry Hockmuth

Address Roundup, Montana

Date well started 5-13-73

completed 5-21-73

Type of well Drilled

Equipment used churn drill

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

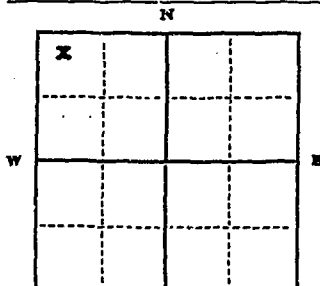
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 W. DRAWAL 800,000 gals.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
	8"	0	14	Kind Size	From (Feet)	To (Feet)
6"	plastic	5	103	1/2" holes 4 per. ft.	25	100



Sec. 7
T. 9 N. R. 25 E
S W

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

Driller's Signature Joe Hockmuth

Driller's Address Box 898 Roundup, Montana

LICENSE NO. 95

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	3	surface
3	10	gravel
10	14	yellow clay
14	16	sandrock
16	29	clay
29	38	water 20' L.G.P.M. sand (fine grey)
38	54	shale (grey sandy)
54	62	clay (blue to grey)
62	64	sandrock (grey)
64	72	shale
72	74	water (8 G.P.M.) sandrock (grey)
74	79	water (2 G.P.M.) shale
79	93	sand (fine grain)
93	103	shale clay

Static water level 6 ft. ft.*
Pumping water level 50 ft. ft.*
at 14 gallons per minute,
measured 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)

8" casing cemented

103 Show exact depth of bottom

53,760

185760

STATE OF MONTANA,
MUSSELSHELL COUNTY,

FILED THIS

18th

DAY OF

A. D. 1923

AT 2:30 O'CLOCK
CLAUDE F. FLETCHER, M.

COUNTY RECORDER

DEPUTY

Lucas Blawie

20

RECEIVED

9N 25E 7
County...Missel-shell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE DEC 30 1971
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER AND CONSERVATION
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 Henry Hoshmuth

Address Roundup Montana
R

Date well started 7-20-71

completed 7-24-71

For Administrator's Use

File 183120
December 29, 1971
11:45 AM

GW 1

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

Equipment used churn
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

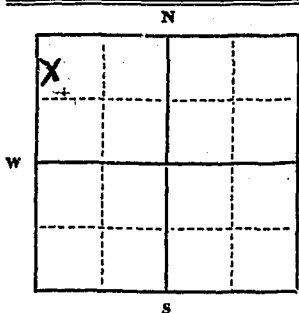
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 200000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	8" I.D. 22#	0	12	drove into sandrock
	6" I.D. plastic	5	65	1/2 in. holes 4 per ft.
				15 25 50 64



Static water levelft.*
Pumping water level 11 ft.*
at 15 gallons per minute,
measured 45 minutes after pumping began.

*Measured from ground level.
Well developed by bailing
for 1 1/2 hours.
Power elect Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

NW 1/4 NW 1/4 Sec. 7
T9 N R. 25 E 29.2

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

Driller's Signature Joe Hornhol

Driller's Address Box 898 Roundup, Mont.

LICENSE NO.

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	6
6	9
9	23
23	54
54	64
64	65

Show exact depth of bottom

49624

183120

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 29 DAY OF

December A. D. 1971

AT 11:45 O'CLOCK P.M.

Claude L. Fletcher

18200 COUNTY RECORDER

DEPUTY

RECEIVED

County San Luis Obispo

County San Luis Obispo

RECEIVED
DEC 30 1963

DEC 30 1963

STATE ENGINEER

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

A 4x4 grid with a bold 'X' in the top-left cell and a bold 'N' centered above the grid.

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, 1948,*
steady
4. The amount of groundwater obtained (in miner's inches or gallons per minute) *about 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
not used for irrigation, except
garden & lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June, 1948

8. The depth of water table. 13 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. 95 ft deep, 4 in casing, jet pump
jet 15 ft and 6 ft sand pipe

10. The estimated amount of groundwater withdrawn each year..... 300 to 600 thousand

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

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

Signature of Owner Kenneth Lockhart

Date Dec 26, 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.

15309

669409

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY, {

FILED THIS 27 DAY OF

Dec A.D. 19 63

AT 9:39 O'CLOCK PM

B. H. MATZKE

COUNTY RECORDER

Ernie J. Gorman

DEPUTY

2.00

RECEIVED
OCT 11 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

T. 9 R. 25E
County Musselshell

Owner August G. Adolph Address Roundup, Montana
Driller Gordon Scammon Address Roundup, Montana
Date Started September 22 Date Completed September 25, '57
Location: Sec. 7 T. 9 R. 25E 1/4 sec. SE 1/4

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

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

Casing: 11 ft. to 80 ft. Type screw Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 44 to ft. 52 Ft. 63 to ft. 71

Type of screen or perforations:

Static Water level, for non-flowing well: 25 feet feet.

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

Pumping water level: 40 feet at 20 gal. per min.

How tested: bailer

Length of test: 30 minutes

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

(over)

Log of Well

[illegible]

File No.

T. 9E R. 25 E

TRIPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

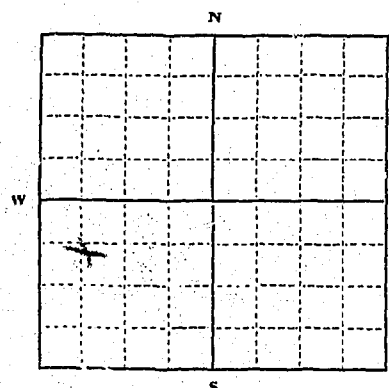
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. August G. Adolph, of 323 Third St. West 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:



N. 1/4 Sec. 8 T. 9 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 continu-
ous the use has been. Continuous since 1924.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.....
Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... Began about July 1 and completed Aug 15, 1924
8. The depth of water table..... Approx. 5 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.....
18 feet deep, 7" diameter.
10. The estimated amount of groundwater withdrawn each year..... 350,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
sandy loam, 5' Blue shale 13'
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 August G. Adolph

Date December 18, 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.

10438