169602

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 1963
AT 4:40 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY.

$2.00

GW 4

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

RECEIVED
DEC 30 1963
STATE ENGINEER

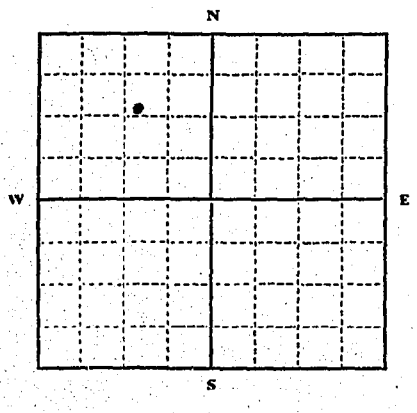
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, 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 ¼ W Sec. 24 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 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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 1947

8. The depth of water table 45 ft.

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

10. The estimated amount of groundwater withdrawn each year 120000

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.

15328

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss.

FILED THIS 27 DAY OF Dec
A. D. 1947 AT 3:04 O'CLOCK P. M.

B. H. MATZKE
COUNTY RECORDER
Frances L. Davis
DEPUTY

169431

24

Form No. 18
8-60

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William F. Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1947

Location: Sec. 24 T. 10 R. 24 ¼ sec. NW.

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

Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other _____

Casing: 0 ft. to 80 ft. Type Galvanize Size 6 in

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

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

Perforated or screened: Ft. 50 to ft. 80. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 45 feet.

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

Pumping water level 60 feet at 3½ gal. per min. _____

How tested: _____

Length of test _____

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

(over)

GV

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

File No.....

T. 10 N R. 24

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

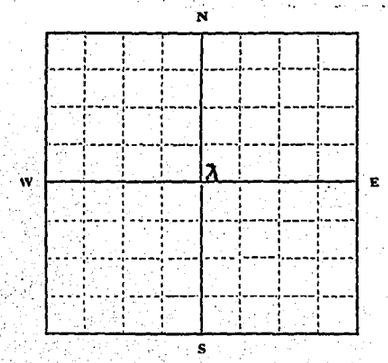
RECEIVED
DEC 30 1963
STATE ENGINEER

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



SW¼NE Sec. 15 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 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gals 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 1946

8. The depth of water table 8"

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 65' 6" casing drilled 1¼ pipe 3"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 used mostly in the summer

Signature of Owner Henry M Hochmuth

Date Dec 24, 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.

15370

169410

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63
AT 9:40 O'CLOCK a M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Freeman
DEPUTY

GW

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

25

File No.

T. 10 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

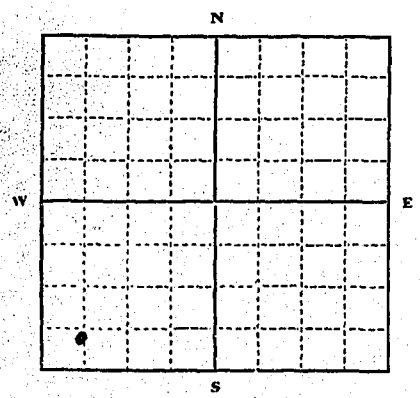
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, William F. Harris (Name of Appropriator), of Box 113 (Address) Roundup (Town) Mont

County of Musselshell, State of Mont

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



S ¼ W Sec. 25 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 1949

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2½ 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 1949

8. The depth of water table 70 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 and is 158 ft.

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.

15326

169429

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63
AT 3:02 O'CLOCK P M.

B. H. MATZKE,
COUNTY RECORDER.
Frances L. Dawson
DEPUTY.

2.00

GV.

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

E 25

File No.....

T. 11 N R. 24

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

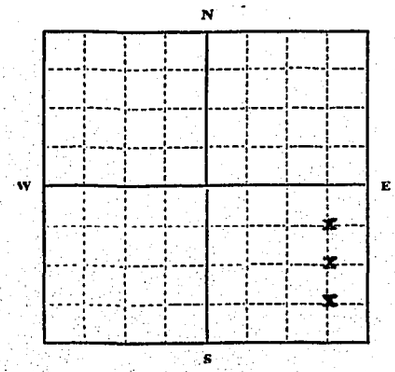
Declaration of Vested Groundwater Rights

(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:



E½SE ¼ Sec. 25 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) 50 miners in.

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
Sec. 25 and 36 T11 R24
GRAVES RANCH CO. AND STATE

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 50 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 Resident

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.

17855

169606

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 5.00 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

$2.00

25

Form No. 18
8-60

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William F. Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1949

Location: Sec. 25 T. 10 R. 24 ¼ sec. S. W.

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

Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other _____

Casing: 0 ft. to 158 ft. Type Galvanized Size 6 in

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

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

Perforated or screened: Ft. 70 to ft. 158. Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level 90 feet at 2½ gal. per min.

How tested: _____

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—42234

26

File No.....

T. 11 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

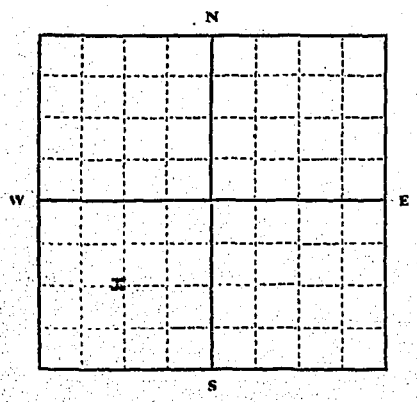
RECEIVED
JAN 2 1964
STATE ENGINEER

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:



SW ¼ Sec. 26 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) ~~11~~ 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
Over stream in SW¼ 26 N½N½ 35 and 36
Graves ranch co. BLM State

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

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 subirrigation continuously since the land has been in private ownership.

GRAVES RANCH CO.
Signature of Owner

Date 12/27/63

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.

17857

169608

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 1963
AT 5:10 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

$2.00

GW

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

File No.....

T. 11 N R. 24 E 27

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

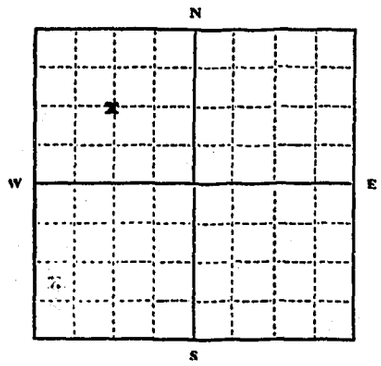
RECEIVED
JAN 2 1964
STATE ENGINEER

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:



NW ¼ Sec 27 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

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) 15 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
Natural flow, 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 3,888,000 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 continuously for stockwater 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.

17858

169609

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 5:15 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L Dawson
DEPUTY

#2.00

27

Form No. 18
8-60

T. 10 R. 24
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William H Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1960

Location: Sec. 27 T. 10 R. 24 ¼ sec. NE

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

Water use: Domestic [ ] Municipal [ ] Stock [X] 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: 15 feet.

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

Pumping water level 40 feet at 7 gal. per min.

How tested: _____

Length of test _____

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

(over)

GW 4

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

27

File No.

T. 10 N R. 24 E

DUPLICATE

County Musselshell.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

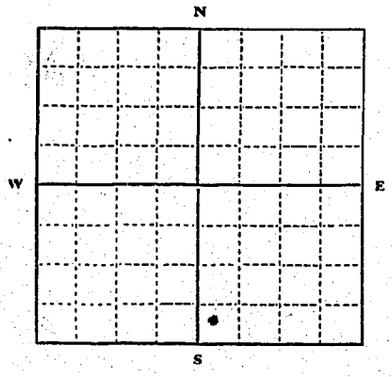
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William F. Harris, of Box 112 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 ¼ E Sec. 27 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 Oct 30-

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 Gal pe 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 15 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 is 90 ft.

10. The estimated amount of groundwater withdrawn each year 216000 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 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.

15331

169434

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63
AT 3:07 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2. 00

T. 10 R. 24 28

County

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

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

Driller: Gordon Seamon — Address: Roundup, Montana

Date Started — Date Completed: Sep. 11, 1951

Location: Sec. 28 T. 10 R. 24 ¼ sec. NW SW

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

Water use: Domestic ☐ Municipal ☐ Stock XX Irrigation XX

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 265 feet at 7 gal. per min.

How tested:

Length of test

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

(over)

Log of Well

ription of Material Drilled

SEP 18 1951

WYTANA CATTLE COMPANY
PRONGHORN WATER WELL NO. 13 NW¼SW¼ Sec 28 T 10 R 24

Drilled by GORDON SCAMMON, Roundup, Montana

0 - 38	Sandstone hard
38 - 62	Sandstone grey
62 - 75	Shale
75 - 82	Shale
82 - 90	Sandstone
90 - 135	Shale
135 - 139	Sandstone, show of water 1½ gal. per minute
139 - 190	Shale grey
190 - 196	Sandstone, no water
196 - 207	Sandy shale, water 2½ gal. per min
207 - 243	Shale grey
243 - 259	Sandstone, water 3 gal.
259 - 265	Shale

265 Total depth, water 90 feet from top of ground. Water test 7 gal. per minute. Cave catcher set top of first water 135 ft. 265 ft. 4½ O.D. gal. casing used, slotted opposite water sands. No surface pipe. Well completed September 11, 1951.

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

File No.

DUPLICATE

T. 10 N R. 24 E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

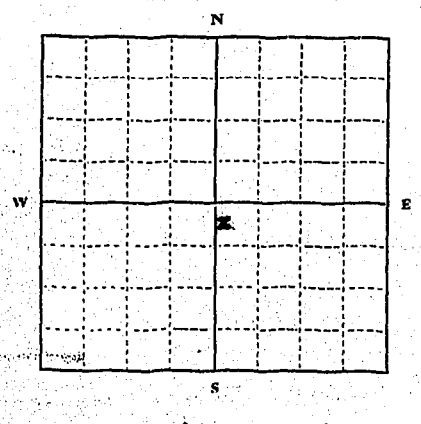
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence D. Stanley, of 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:



NW 1/4 SE Sec. 34 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 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gals. 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 1920

8. The depth of water table 12 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 100 feet deep 6 inch casing

10. The estimated amount of groundwater withdrawn each year 400,000 gals.

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 Lawrence D. Stanley
by Frank Wolverton Mgr
Date Dec 20, 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.

17731

169478

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 10:19 O'CLOCK A M.

B. H. MATZKE
COUNTY RECORDER

Francis L. Dawson
DEPUTY

2. 00

10N 24E 34

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
SEP 15 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

(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 Lake Mason Grazing Assoc.

Address R Roundup, Montana

Date well started 7/19/72

completed 7/24/72

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 ☐

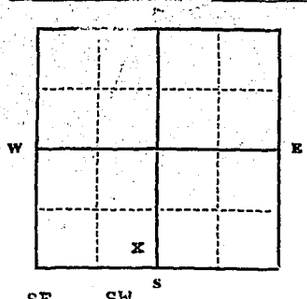
*Describe

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).

For Administrator's Use
File 184315
Sept 7, 1972 - 9:21 a.m.
GW 1

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind	From (Feet)	To (Feet)
8"	8"I.D.	0"	29"	¼"x2" slats	13'	28'



SE SW
1/4 1/4 Sec 34
T. 10 (N) R. 24 (E)
S W

Static water level 8 ft.*
Pumping water level 15 ft.*
at 90 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by baling
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

R.J.G.

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

Driller's Signature Joe Kombal

Driller's Address Box 898 Roundup, Montana

LICENSE NO. 95

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	12	clay
12	30	gravel
30	31	clay (blue)

31 Show exact depth of bottom

51,384

184315

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.
FILED THIS 24 DAY OF
Sept A. D. 19 7
AT 9:21 O'CLOCK A M.

COUNTY RECORDER

Linell Steven

DEPUTY

34

GW 4

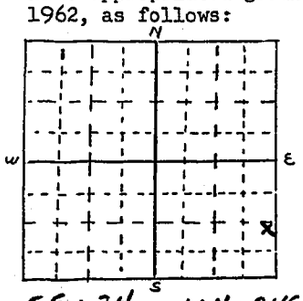
T. 10N R. 24E
County MUSSELSHELL

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. 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:



SE ¼ 34 Sec 10N T. 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 1940 TO DATE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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
WIND MILL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1940

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 groundwal of groundwater
6 IN CASING - 1½ IN PIPE - 2 IN CYLINDER
8 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

20539

169695

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 2:05 O'CLOCK P M.
B. H. MATZKE
COUNTY RECORDER
Frances L. Dawson
DEPUTY

GW 4

34

T 10 N R 24 E
County MUSSELSHELL

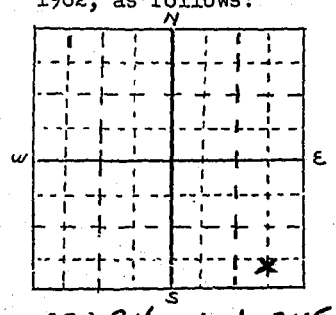
JAN 3 1964

STATE ENGINEER

State of Montana
Administrator of groundwater Code
Office of State Engineer

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

1. 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:



SE. ¼ 34 Sec 10N. T 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 clain 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) 10 GAL PER MIN

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

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 30 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 groundwal of groundwater
1 IN GASING, 1¼ IN PIPE
2 IN CYLINDER, 30 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

20538(a)

169694

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 2:13 O'CLOCK P M.

MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

GW 4

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

35

File No.

T. 10N R. 24E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

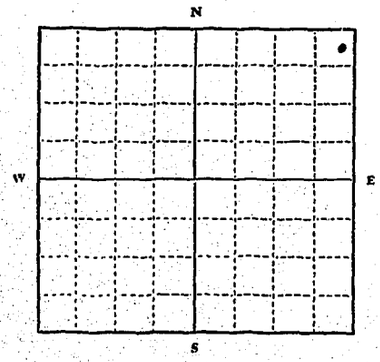
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William F. Harris (Name of Appropriator), of Box 113 Roundup (Address) Mont (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 ¼ E Sec. 35 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 and Home.

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) 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 1920

8. The depth of water table 40 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 5½ in casing and is 100 ft.

10. The estimated amount of groundwater withdrawn each year 40500 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 William F. Harris

Dated 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.

15327

169430

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 27 DAY OF Dec A.D. 19 63
AT 3:03 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER
Frances Dalle
DEPUTY

2.00

GW 4

Approved Stock Form—State Publishing Co., Helena, Montana—42234 35

File No.

T. 10 N R. 24 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

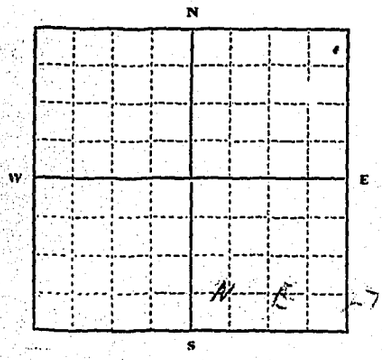
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William F. Harris (Name of Appropriator), of Box 113 Roundup (Address) Mont (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 ¼ E Sec. 35 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 and for the home

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 Gal pr 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 Nov. 1947

8. The depth of water table 50 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 to 124 ft.

10. The estimated amount of groundwater withdrawn each year 36500

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.

15330

169433

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63
AT 3:06 O'CLOCK P M.

R. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

GW 2

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

STATE WATER CONSERVATION BOARD

File No.

T. 10 N R. 24 E 35

OCT 28 1965

DUPLICATE

County MUSSELSHELL

LOG

Billings McDermott
Butte McNair
Cascade Morton
Daniels Sullivan
Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 3600)

50 SANDY CLAY
55 SANDY SHALE
70 BLUE SHALE
71 HARD SAND ROCK
87 DARK SHALE
90 GRAY SAND WATER 1 G.P.M.
98 SHALE
107 DARK GRAY SAND WATER 7 G.P.M.
108 SHALE

Show exact depth of bottom.

Owner WM HARRIS Address ROUNDUP, MONT

Driller JOE KOMBOL Address ROUNDUP, MONT

Date of Notice of appropriation of groundwater

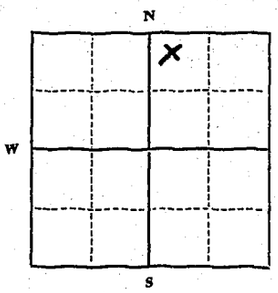
Date well started 10-9-65 Date completed 10-15-65

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 ☐

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"	9.32 lb PER FT 6" I.D.	0	108	6"x1/4" SLOTS	89	91
					98	106



NW 1/4 NE Sec. 35 T. 10 R. 24

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

OWNER

Static Water Level for non-flowing well 46 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 90 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAILER

Length of Test 1 HR

Remarks: (Gravel packing, cementing, packers, type of shutoff) STEEL DISK SET 6 FT FROM TOP TO BE CEMENTED BY

(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).

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 Kombol
Driller's Signature

39727
~~39722~~

STATE OF MONTANA, }ss.
MUSSELSHELL COUNTY. }

FILED THIS 26 DAY OF
October A.D. 1965
AT 3.03 O'CLOCK P M.

Claudine L. Fletcher
COUNTY RECORDER

$2.00

35

Form No. 18
8-60

T. 10 R. 24
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William H Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1920

Location: Sec. 35 T. 10 R. 24 ¼ sec. NE

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other _____

Casing: 0 ft. to 100 ft. Type Galvanize Size 6 in

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

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

Perforated or screened: Ft. 80 to ft. 100. Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level 65 feet at 2 gal. per min.

How tested: _____

Length of test _____

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

(over)

35

Form No. 18
8-60

T. 10 R. 24

County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William F. Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1947

Location: Sec. 35 T. 10 R. 24 ¼ sec. N.E.

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other _____

Casing: 0 ft. to 128 ft. Type Galvanized Size 6 in

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

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

Perforated or screened: Ft. 50 to ft. 80 . Ft. 90 to ft. 128

Type of screen or perforations _____

Static water level, for non-flowing well: 50 feet.

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

Pumping water level 70 feet at 5 gal. per min.

How tested: _____

Length of test _____

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

(over)

NLD

Form No. 18
8-60

T. 10 R. 24
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961
STATE ENGINEER

Water Well Log

Owner William G Harris Address Box 113 Roundup Mont

Driller _____ Address _____

Date Started _____ Date Completed 1920

Location: Sec. ____ T. ____ R. ____ ¼ sec. ____

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

Water use: Domestic [ ] Municipal [ ] Stock [X] 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: 18 feet.

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

Pumping water level 20 feet at 5 gal. per min. ____

How tested: _____

Length of test _____

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

(over)

GROUNDWATER INDEX

County Muscatine Twp. 10N Rge. 25E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Hockmuth, Henry	GW4	169408	
1	Johnson, Brothers	GW4	169582	
15	" "	GW4	169590	
16	" "	GW4	169591	
17	" "	GW4	169589	
17	" "	57606		
18	Stanley, Lawrence	GW4	169278	
20	Johnson Brothers	GW2	176451	
21	" "	GW4	169592	
24	Alt, Arnold	GW2	176376	
24	" "	GW4	168996	
25	Hockmuth, Henry	GW2	175831	
26	Oat, Frank	GW4	169147	
26	" "	GW3	169646	
27	Johnson Brothers	GW3	169585	
28	Wacker, Rymold	GW4	169202	
30	Stanley, Lawrence	GW4	169277	
30	" "	GW3	169259	
31	" "	GW4	169276	
31	" "	GW4	169262	
31	" "	GW2	169477	
33	B.L.M.	GW2	172579	
33	Wacker, Rymold	GW3	169203	
33	" "	GW4	169205	
33	" "	GW4	169204	
34	Adolph, Oscar G.	GW3	169439	
35	Oat, Frank	GW4	169148	
35	" "	GW2	176140	
35	" "	GW4	169149	
35	" "	GW4	169150	
35	" "	GW4	169648	
36	" "	GW4	169146	
36	Stanley, Lawrence	GW4	169480	

GT

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T. 10 N R. 95

DUPLICATE

County Musselshell

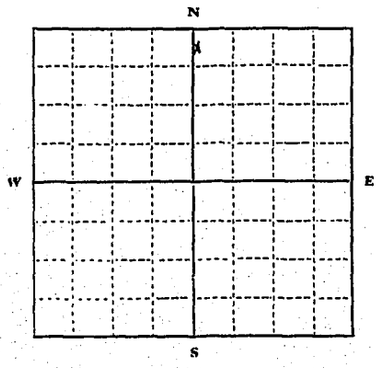
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry M Hochmuth (Name of Appropriator), of Box 806 (Address) Roundup (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 NE Sec 1 T 10 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 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table 15 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 80 ft deep 6 in casing pump with 1 1/4 in pipe 3 1/4 x 16" cylinder

10. The estimated amount of groundwater withdrawn each year 50,000

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 I use it at times for stock and spraying

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.

15308

169408

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 27 DAY OF
Dec A. D. 19 63
AT 9:38 O'CLOCK a M.

B. H. MATZKE
COUNTY RECORDER

Elaine J. Gaseman
DEPUTY

GW

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

File No.

T. 10 N R. 25 E

County Musselshell

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

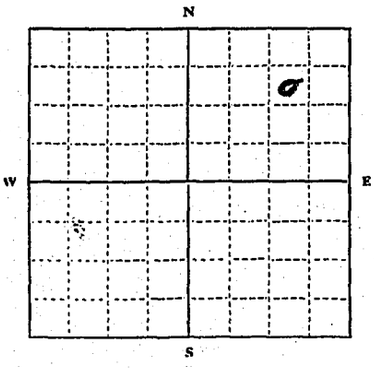
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Johnson Bros (Name of Appropriator), of Roundup (Town) (Address)

County of Musselshell State of Mont

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



NE ¼ NE Sec. 1 T. 10 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: 4-2-62
6 months per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 4 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: Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: pump & wind mill.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: March 26-1962 April 2-1962

8. The depth of water table: 30 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 90 ft deep

10. The estimated amount of groundwater withdrawn each year: 200 head

11. The log of formations encountered in the drilling of each well if available: Sandstone & shale

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

Signature of Owner: Johnson Bros by Paul Johnson

Date: 12-29-63

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.

17831

169582

STATE OF MONTANA, }ss.
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF Dec A.D. 1962

AT 3:01 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances A. Albinson
DEPUTY

$3.00

G

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

A-15

File No.....

T. 10 N R. 25 E

County Musselshell

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

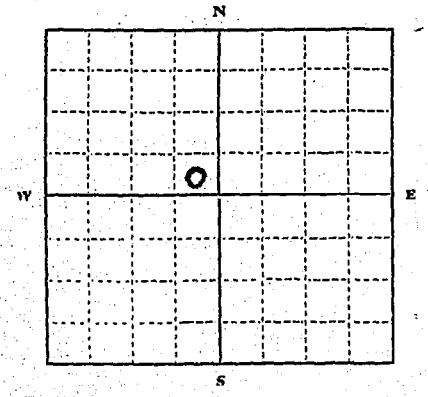
RECEIVED
JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Johnson Bros, 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:



SE¼ NW Sec. 15 T. 10 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 1948 - used INTERMITTENTLY Throughout The year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8, + TONS A MINUTE

5. If used for irrigation, g. acreage and description of the lands to which water has been plied and name of the owner thereof
NOT USED FOR IRRIGATION

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

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

8. The depth of water table Flowing

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 8 INCH STEEL CASING - depth 2000 FEET

10. The estimated amount of groundwater withdrawn each year FREE FLOWING WELL

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

Signature of Owner Johnson Bros by Paul Johnson

Date 12-22-63

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.

17839

169590

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec
A. D. 19 63
AT 3:40 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

2.00

G

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

File No.....

T. 10 N R. 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

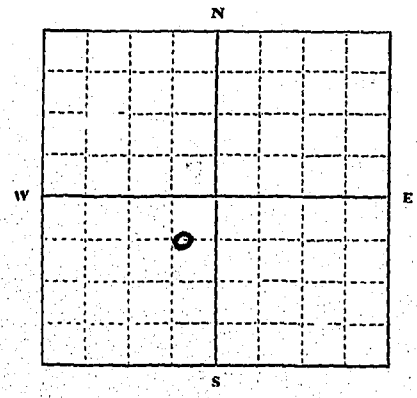
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Johnson Bros., 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:



SW¼SW Sec. 16 T. 10 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 1920 (Approx)
3 month per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
Not used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Not Known

8. The depth of water table 30 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
six inch hole 105 feet deep

10. The estimated amount of groundwater withdrawn each year 100 head

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

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 Johnson Bros. by Paul Johnson
Date 12-29-63

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.

17840

169591

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 3:45 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER
Frances L. Dawson
DEPUTY

$2.00

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

File No.....

T. 10 N R. 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

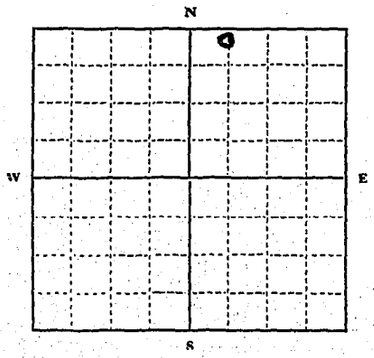
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Johnson Bros (Name of Appropriator), of Roundup (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:



NW ¼ NE Sec. 17 T. 10 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 1961 used intermittently thru year

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater begun 10-3-61 finish 3-7-61

8. The depth of water table 30 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 85 feet deep

10. The estimated amount of groundwater withdrawn each year 200 head water at well

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Signature of Owner Johnson Bros. by Paul Johnson

Date 12-28-63

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.

17838

169589

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A.D. 19 63
AT 3:35 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L Dawson
DEPUTY

2.00

17

Form No. 18
8-60

T. 10 R. 25

County MOSSELSHELL

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 23 1961
STATE ENGINEER

Water Well Log

		X	

Owner JOHNSON BROS Address ROUNDUP, MONT

Driller JOE KAMBOL Address ROUNDUP, MONT

Date Started 10-2-61 Date Completed 3-7-61

Location: Sec. 17 T. 10 R. 25 ¼ sec. N.E.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 85 ft. Type 20 GAUGE GALV Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 72 to ft. 85. Ft. to ft.

Type of screen or perforations FACTORY SCREEN

Static water level, for non-flowing well: 33 feet.

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

Pumping water level 60 feet at 25 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

Depth, feet From	Depth, feet To	Description of Material Drilled
0	85	SANDSTONE

GT

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

File No.....

T. 10 N R. 25 E

DUPLICATE

County Musselshell

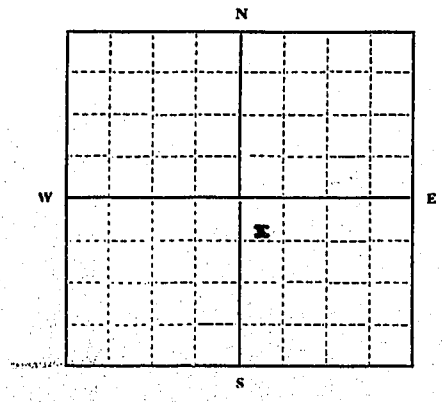
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW ¼SE Sec. 18 T 10 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 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 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 65 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 Holladay Mgr
Date Dec. 14, 1962

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

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

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

11683

169278

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 20 DAY OF
Dec A. D. 19 63
3:43 O'CLOCK PM.

J. H. MATZKE
COUNTY RECORDER

Elaine J. Bosman
DEPUTY

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325 3

File No. ..... MONTANA WATER RESOURCES BOARD RECEIVED FEB 2 1968

T. 10 R. 25 20

DUPLICATE

County Huss.

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level app. 3500)

20 Yellow Sand

34 Brown Shale

45 Blue Shale

75 Gray Sand

Bottom

(water from 45-75 30 G.P.M.)

Show exact depth of bottom.

Owner Johnson Brothers Address Roundup, Montana

Driller Joe Kombol Address Roundup, Montana

Date of Notice of appropriation of groundwater None

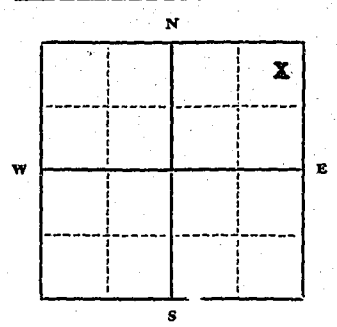
Date well started 12/17/66 Date completed 1/6/67

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
9" 0-20'	8" I.D.22#	0	20'			
7" 20-75'	4" I.D.plastic	15	75'	½"holes 8 per ft.	40	75'



NE ¼ NE Sec. 20 T. 10 R. 25

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

Static Water Level for non-flowing well 20 feet.

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

Pumping Water Level 55 feet at 30 gal. per minute.

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

How Tested Bailer

Length of Test 3 Hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Eight Inch casing cemented at 20 ft.

(Continue on reverse side)

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

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 Kombol
Driller's Signature

42,796

176451

STATE OF MONTANA,
MUSSELSHELL COUNTY } ss.

FILED THIS 7 DAY OF
Feb A.D. 19 68
AT 8:10 O'CLOCK A.M.
Gwendolyn Jolly
COUNTY RECORDER
20
DEPUTY

Approved Stock Form—State Publishing Co., Helena, Montana—41921 21

File No.....

T. 10 N R. 25 E

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

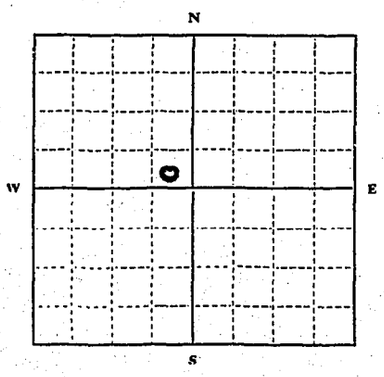
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Johnson Bros (Name of Appropriator), of (Address), Roundup (Town)

County of Musselshell State of Mont

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



SE ¼ NW Sec. 21 T. 10 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 1955
6 MONTH per year

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aprox 10 MONTH 1955

8. The depth of water table 20 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 200 head watering

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 Johnson Bros by Paul Johnson

Date

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.

17841

169592

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 3:50 O'CLOCK P M.

B. H. MATZKE
COUNTY RECORDER

Frances L. Dawson
DEPUTY

$2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

24

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 16 1968

T. 10 R. 25

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

LOG

Top of Ground

(Elev. above sea level approx. 3500

34 Yellow-brown sand

35 Hard limestone

74 Yellow-brown sand

80 Dark grey fine sand
270 Water (3 G.P.M.)
285 Dark shale (hard)
BOTTOM

Show exact depth of bottom.

Owner Arnold Alt Address Roundup, Montana

Driller Joe Kombol Address Roundup, Montana

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

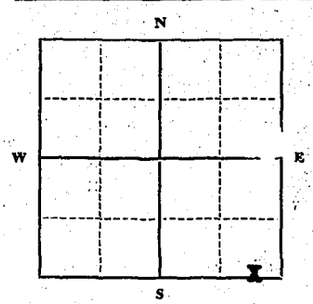
Date well started 11/15/67 Date completed 1/10/68

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 ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	6" I.D.	0	12			
	5" I.D. (plastic)	15	285	½" holes	265	285



SE ¼ SE Sec. 24 T. 10 R. 25

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

Static Water Level for non-flowing well 159 feet.

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

Pumping Water Level 270 feet at 3 gal. per minute.

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

How Tested bailer

Length of Test 1 hour

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

with 6" O Casing 7" Bell drive into solid Rock

(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).

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 Kombol
Driller's Signature

42,756

176326

STATE OF MONTANA
MUSSELSHELL COUNTY } ss.

FILED THIS 25 DAY OF
January A. D. 1968
AT 4:20 o'CLOCK P. M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Elaine J. Grossman
DEPUTY

9.50

Helena Independent Record

File No.....

T. 10 N R. 25 E 24

DUPLICATE

County Musselshell

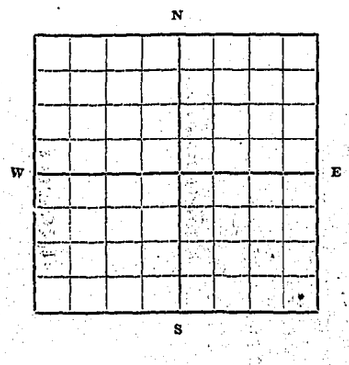
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Arnold Alt, 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 ¼ SE Sec. 24 T10 R25E

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 and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June, 1957 continuous use

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

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

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

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

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, 365 feet deep, with submersible pump, cased from top to bottom

10. The estimated amount of groundwater withdrawn each year 91,250 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

Signature of Owner Arnold Alt

Date November 22, 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.

7508

168996

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 22 DAY OF
April A. D. 19 63
AT 4:22 O'CLOCK P. M.

B. H. MATZKE
COUNTY RECORDER

Elaine Lacsamana
DEPUTY

$2.00