GW

File No. .....

DUPLICATE

T. 16 R. 12

County Judith Basin

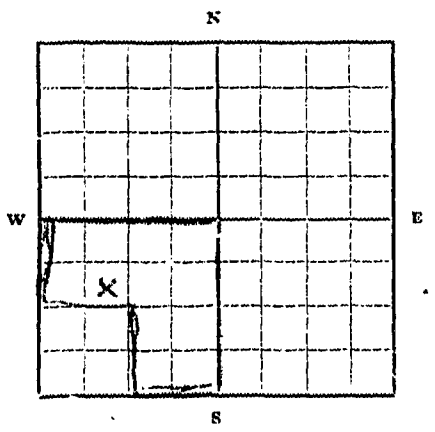
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elvin L. Bailey and Cecelia Bailey, of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ SW¼ Sec. 27 T. 16 R. 12

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..... August 1, 1961 continuous. six months of each year.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ..... No.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ..... About June 20, 1961 commenced and completed Aug. 1, 1961.

8. The depth of water table ..... 610 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 ..... cased with 588 feet of 2 inch galv. pipe. Artesian 610 feet deep.

10. The estimated amount of groundwater withdrawn each year ..... approximately 600,000 gallons.

11. The log of formations encountered in the drilling of each well if available ..... Typed on reverse side of this sheet.

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 Elvin L Bailey

Date 12/10/63

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 School of Mines and Quadruplicate for the Appropriator.

8592

THATCHER DRILLING CO.
Box 498 Stanford, Montana
Stanford, Montana

Well completed Aug. 1, 1961

Elvin Bailey

From	To	Description
0'	11'	Overburden
11	33	Sandstone
33	165	Layers Sandstone with blue shale
165	265	Blue Shale
265	300	Blue shale with layers sandstone
300	340	Layers dark sandstone with alt. green sandstone and shale
340	365	Light fine sandstone
365	390	Grey shale with layers sandstone
390	520	Red shale
520	545	Red shale with layers sandstone
545	580	Sandstone
580	590	Hard sandstone
590	600	Soft coarse sandstone
600	610	Hard Sandstone

Well producing approx. 3 gal. per min. water.
Cased with 588' 2" galv. pipe. Cemented with 2 sacks cement.

283

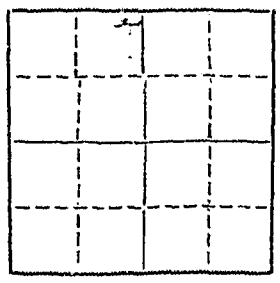
Elvin L. Bailey and
Cecelia Bailey
[illegible] No. 27-16-12
121954
State of Montana
County of Judith Basin
Filed this 10th day of
December A. D. 1963 at [illegible]
1:30 P.M.
[signature]
County Clerk.
Fee $2.00 paid.

T. 16 R. 12

County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Leon Proctor Address Windham, Montana

Driller O. C. Thatcher Address Stanford, Montana

Date Started Oct. 11, 1957 Date Completed Oct. 21, 1957

Location: Sec. NW 28 T. 16 R. 12 ¼ sec. N½

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 639 ft. Type Galvanized Pipe Size 2 inches

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level feet at 2 gal. per min.

How tested:

Length of test

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

Cement packing with Stop and Waste shut-off.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	11½	Sandstone
11½	53	Sandstone with thin layers of shale
53	185	Blue and Grey shale in layers with small layers of white talc
185	285	Blue shale
285	320	Blue shale with layers of sandstone
320	360	Black sandstone with layers of greenish black shale and talc.
360	385	White course sandstone
385	410	Grey shale with layers of sandstone
410	495	Red shale
495	540	Red shale
540	575	Red shale with layers of sandstone
575	610	Sandstone
610	623	Hard sandstone
623	628	Soft coarse sandstone
628	649	Hard sandstone.

GW 2

File No.....

T 16 R 12

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner. John Ridgeway Address Stanford, Mont.

Driller O.C. Thatcher Address Stanford, Mont.

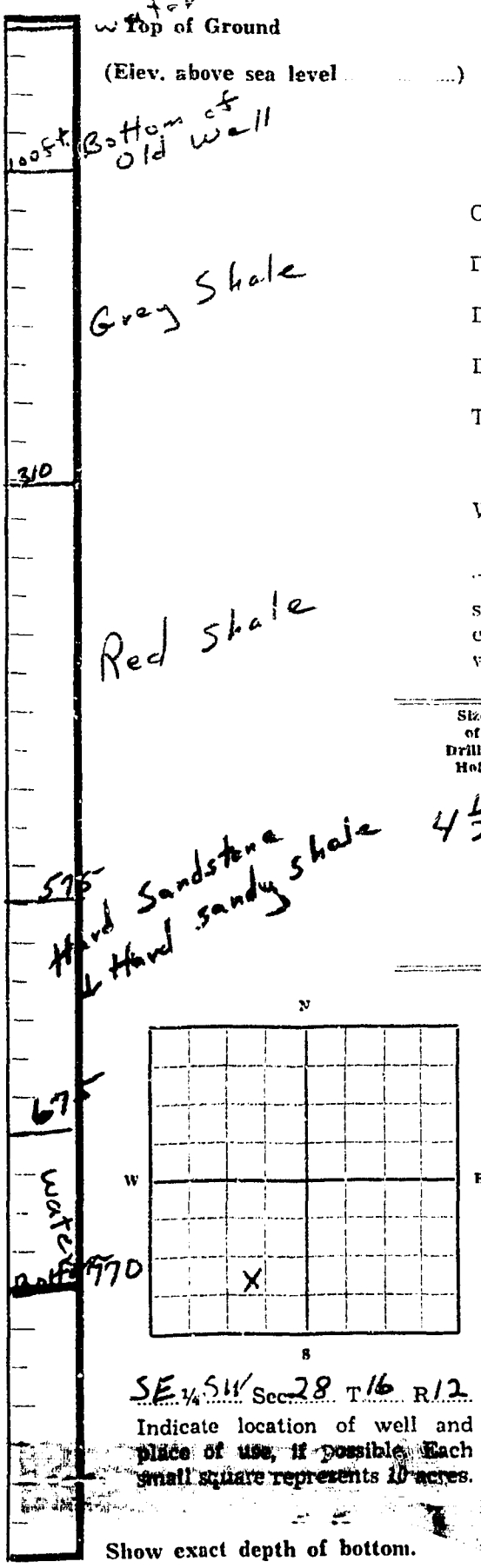
Date of Notice of Appropriation of Groundwater Dec. 28, 1963

Date well started Nov. 11, 1963 Date Completed Dec. 10, 1963

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

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)
4½	2" Galv. 4½ lbs	5	770	¼ x 4" slots	680	770

Static Water Level for non-flowing Well 4 ft. feet.

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

Pumping Water Level 30 feet at 5 gal. per minute.

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

How Tested Swab Length of Test 2 hr

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

Packers set at 125-146

SE¼ SW¼ Sec. 28 T 16 R 12

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

86
Driller's License Number

Edward O. Thatcher
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 School of Mines and Quadruplicate for the Appropriator.

3290 L

No. 628

John Midgeway

Sec. 29-16-12

State of Montana
County of Judith Basin
Filed this 2nd day of
January A. D. 1964 at
[illegible] P.M.

[signature]
County Clerk.

Fee $2.00 Paid.

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

T. 16 R. 12

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

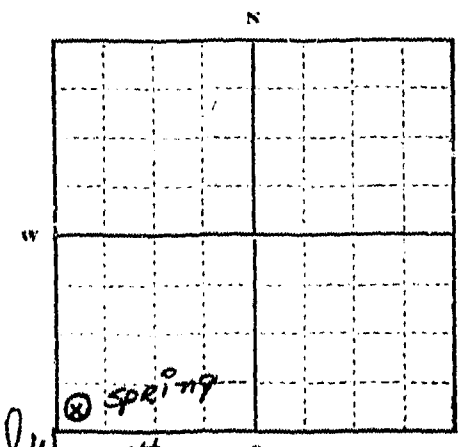
Date of Appropriation of Groundwater.....

Owner State of Mont. Address Helena, Mont.

Contractor (if any) R. Olsen

Address of Contractor Geraldine

Date Started Oct 10th Date Completed Oct. 25th



SW4 ¼ Sec. 28 T. 16 R. 12

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water is running from a ditch seven feet deep with a drainage system into a storage tank then through a 1¼" plastic pipe, into a stock tank from a 2' depth

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 Runs approx. 2 gal. per. minute. Used mostly in the summer at 2 week intervals.

Signature of Owner John Ridgeway

Date 12-30-63

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

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

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

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

32861

585

John Ridgway

Filed Dec 31st
1963 at 3:27 P.M.

Delight Leslie
Clk.

G.

Approved Stock Form—State Publishing Co., Helena, Montana—2234

File No. .....

T 16 R 12

DUPLICATE

County Judith Basin

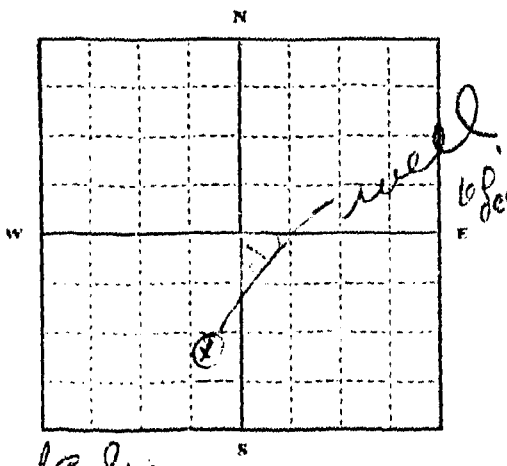
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Ridgeway, of Stanford, Mont.
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE SW ¼ Sec. 26 T. 16 R. 12

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 1900

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

6. The means of withdrawing such water from the ground and the location 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 withdrawal of groundwater 1900

8. The depth of water table 16 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 60 feet

10. The estimated amount of groundwater withdrawn each year Not known

11. The log of formations encountered in the drilling of each well if available None 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 John Ridgeway
Date 12-30-63

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

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

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

32859

John Ridgeway

Sec. 28-16-12

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec. A.D. 1963
at 3:26 o'clock P.M.
Delight Leslie, Clerk & Rec.

by_____Dep.

Fee $2.00 pd.

FW 3 Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.

T. 16 R. 12

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 4 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner O. J. Galt Address Stanford, Montana

Contractor (if any) Own work

Address of Contractor

Date Started 1951 Date Completed 1951

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

Dug about 12' deep and cemented

3/4 inch pipe put in

NWSWNW ¼ Sec. 29 T. 16 R. 12

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

used year around for stock

Signature of Owner [signature]

Date April 2, 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.

No. 235

Completion Gr. Approp

NWSWNW Sec. 29-16-12

O.J. GALT

120952

State of Montana
County of Judith Basin
Filed for record this
2nd. day of April A;D. 1963
at 10:05 o'clock A.M.
Delight Leslie, Clk. & Re.
by Betty Cruse Dep.

Fee $2.00 pd.

G Helena Independent Record

File No.....

T 16 R 12

County Judith Basin

DUPLICATE

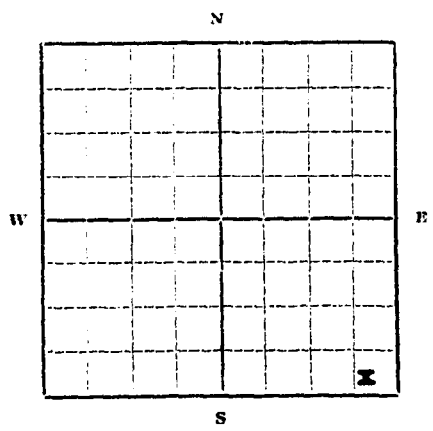
RECEIVED
DEC 12 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Skelton Ranch Company, of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE/SE/
¼ Sec. 29 T 16 R 12

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 Drilled in 1947 and is in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Flowing well - No pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in 1947 and completed that year- Drilled by C. C. Thatcher.

8. The depth of water table 512 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 Well is 510 Ft. in Depth and is cased with 2 inch pipe.

10. The estimated amount of groundwater withdrawn each year Not known.

11. The log of formations encountered in the drilling of each well if available No log.

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

Skelton Ranch Company
Signature of Owner By Stanford H. Skelton
President.
Date Dec. 10th, 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 School of Mines and Quadruplicate for the Appropriator.

7596

File No. 298

Rec. No. 121958

SKELTON RANCH CO.

SE SE Sec. 29-16-12

State of Montana

County of Judith Basin

Filed this 10th day of

December A. D. 1963 at

1:55 o'clock P.M.

County Clerk.

Fee $2.00 Paid.

G -Helena Independent Record

File No.....

T 16 R 12

DUPLICATE

County Judith Basin

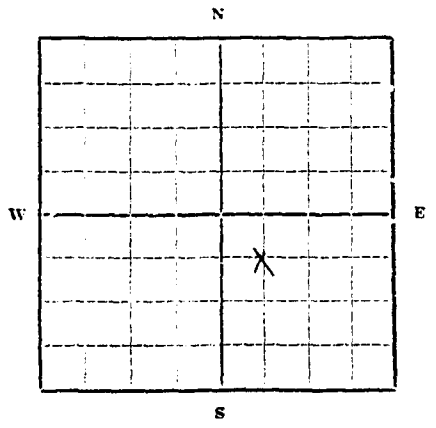
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
STATE ENGINEER

I William A. Reilly of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼SE¼ ¼ Sec. 30 T 16 R 12

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
Well used for stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 24th, 1959
Used continously

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 Was used to irrigate Alfalfa in the NW¼SE¼ of Sec. 30-16-12

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started February 24th, 1959 and completed March 7th, 1959

8. The depth of water table Not known

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
Hole cased with 2 inch gal. pipe. Cemented with 3 sacks cement.
Well 572 feet deep. Shut-off 6 feet down.

10. The estimated amount of groundwater withdrawn each year Not known

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

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 Wm Reilly

Date February 2nd, 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 School of Mines and Quadruplicate for the Appropriator.

1369

Dec. No. 118863

DECLARATION OF VESTED
GROUNDWATER RIGHTS

WILLIAM A. REILLY

NW¼SE¼ of Sec. 30-16-12

State of Montana
County of Judith Basin

Filed this 1st day of Feb.
A.D. 1962 at 4:00 o'clock
P.M.

County Clerk.

Fee $2.00 Paid.

LOG OF WELL

From	To	DESCRIPTION
0	15	Overburden
15	170	Blue Shale
170	210	Grey shale with layers of sandstone
210	225	Grey sandstone with greenish shale (First C.C.)
225	235	Grey shale with layers of green sandstone
235	245	Grey shale
245	315	Red shale
315	375	Red shale with layers of sandstone
375	395	Red shale with layers of sandstone (Trace water)
395	415	Medium hard to soft sandstone
415	460	Layers of sandstone with a few hard layers of gandy shale
460	500	Layers of hard to medium hard sandstone
500	552	Hard sandstone
552	572	Medium coarse, soft, sandstone. (Water, Approx. 8 gal. per. min.)

30

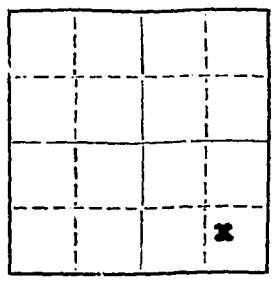
T. 16 R. 12

County Judith Basin

RECEIVED
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner William A. Reilly Address Coffee Creek, Montana

Driller O. C. Thatcher Address Stanford, Montana

Date Started January 16, 1946 Date Completed Jan. 20, 1946

Location: Sec. 30 T. 16 R. 12 ¼ sec. ~~SE¼SE¼~~

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

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

Industrial [ ] Drainage [ ] Other:

Casing: ft. to 200 ft. Type Artesian Size 2 in.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 80 to ft. 200 Ft. to ft.

Type of screen or perforations Perforations

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

Shut-in pressure, for flowing well: 15 lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested: for volume Gauge pressure

Length of test

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

CEment packing

Shut off is five (5) ft. below surface.

(over)

C —Helena Independent Record

File No.....

T 16 R 12 xxxx

DUPLICATE

County Judith Basin

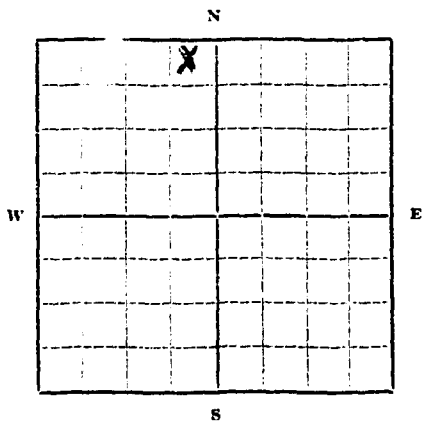
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Skelton Ranch Company of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼NW¼ ¼ Sec. 30 T. 16 R. 12

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 Drilled in 1911 and has been in continuous use since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 irrigates hay land in the same quarter section.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No pump installed and flowing well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilled in 1911 and completed that year.

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 790 ft. in depth with casing installed. No Shut-off installed. about 40 ft. of 10 inch casing.

10. The estimated amount of groundwater withdrawn each year Not known.

11. The log of formations encountered in the drilling of each well if available No log 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.

Skelton Ranch Company
Signature of Owner Stanford N. Skelton

Date Dec. 10th, 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 School of Mines and Quadruplicate for the Appropriator.

8584

#280

Vested Groundwater Rights

SKELTON RANCH CO.

NENW Sec.30-16-12

121951

State of Montana
County of Judith Basin
Filed for record this 10th
day of Dec. A.D. 1963 at
1:15 o'clock P.M.
Delight Leslie, Clk. & Rec.

by _____ Dep.

$2.00 pd.

Approved Stock Form—State Publishing Co., Helena, Montana—47234

File No. .....

T 16 R 12

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

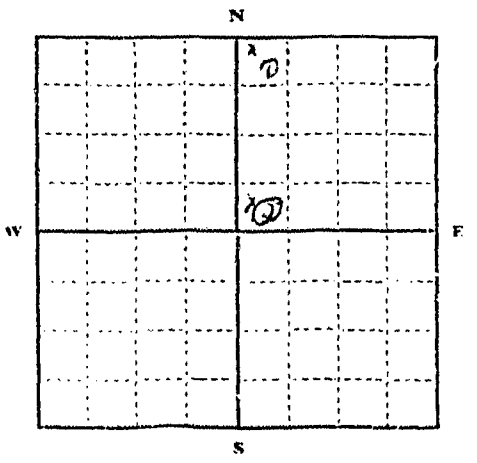
RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE W. CARVER, of R. #2 Box 4, Stanford
(Name of Appropriator) (Address) (Town)

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



NE ¼ Sec. 31 T. 16 R. 12

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 Some home use, watering of trees and lawn, watering of stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1 completed May 1, 1963, and continuous use since. #2 in continuous use since purchase of farm in Oct. 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1-5 gal/min
#2-1 gal/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
#1-watering of orchard, lawn and garden
#2--stock water
Approx. 1 acre -- Sec. 31 T16 R12

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
#1 --pumped by means of an electric pump
#2 --Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1--May 1, 1963
#2--Unknown, as was on the land at time of purchase

8. The depth of water table #1---approx. 6' #2---unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #1--dug, width--3' casing, depth 18'
#2--Artesian, width 5" casing, depth 110'

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

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

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 N.A.

Signature of Owner George W Carver

Date December 30, 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.

32780

VESTED GROUND WATER RIGHTS

GEORGE F. CARVER

Sec. 31-16-12

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec. A.D. 1965
at 11:20 o'clock A.M.
Delight Leslie, Clerk and Rec.

by_____Dep.

Fee $2.00 pd.

GW 3

File No.....

DUPLICATE

T. 16 R. 12

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

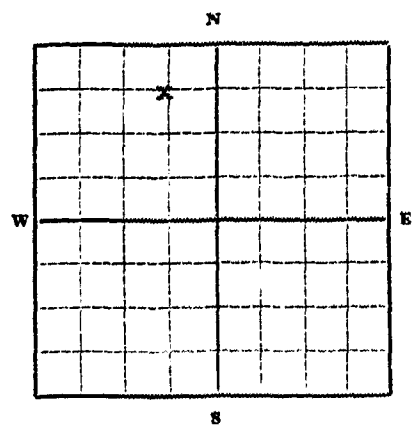
Date of Appropriation of Groundwater June 1, 1961

Owner Wm. E. Reilly Address Coffee Creek, Montana

Contractor (if any) James Rew

Address of Contractor Moore, Montana

Date Started May 27, 1961 Date Completed June 1, 1961



NENW ¼ Sec. 31 T. 16 R. 12

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

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

400 ft pf pipe to stock water tank

about 100 gallons a minute.

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

Use all of the year

Signature of Owner [signature]

Date Jan. 19, 1962

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

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

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

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

1198

#123

Groundwater Appropriation

Wm. Reilly

NENW Sec. 31-16-12

Filed for record this 19th day of January, 1962 A.D. at 4:00 O'clock P.M.

Delight Leslie, Clk. & Rec.

by Betty Gustavson Dep.

Fee $2.00 pd.

There is an error in the location of Water Well Log for Ray Baker, filed Dec. 29, 1961 a.D. at 1:35 P.M. It is a flowing well 415 feet deep drilled Sept. 9, 1961.

The Description should read

NESW Sec. 32, T. 17 R. 12

Clerk and Recorder
Judith Basin County
Stanford, Montana

RECEIVED

STATE ENGINEER

6 R. 12

Judith Basin

GEOLOGY

RECEIVED

STATE ENGINEER

Address Stanford, Montana

Address Stanford, Montana

Date Completed Sept. 9, 1961

12 ¼ sec. NE SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ____

Casing: 0 ft. to 405 ft. Type Gal. Iron Size 2"

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

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

Perforated or Screened: Ft. 375 to ft. 415. Ft. ____ to ft. ____

Type of screen or perforations slit perforations

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

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

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

How tested: ____

Length of test ____

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

Cemented

Shut off at 6½ feet with stop and drain valve

(over)

32

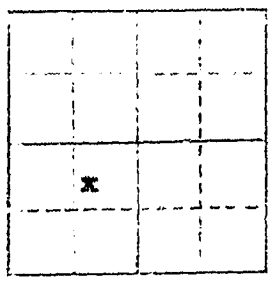
T. 16 R. 12

County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
[illegible] 1961
STATE ENGINEER

WATER WELL LOG



Owner Ray Baker Address Stanford, Montana

Driller Thatcher Drilling Co. Address Stanford, Montana

Date Started Sept. 6, 1961 Date Completed Sept. 9, 1961

Location: Sec. 32 T. ~~15~~ 17 R. 12 ¼ sec. NE SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 109 ft. Type Gal. Iron Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 37 to ft. 115. Ft. to ft.

Type of screen or perforations slit perforations

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

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

Cemented

Shut off at 6½ feet with stop and drain valve

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	12	Gravel and clay
12	87	Grey shale
87	228	Grey shale and sandy layers bentonite
228	231	Hard sandstone
231	358	Bentonite and sandy shale
358	360	Hard sandstone
360	390	Sandstone and grey shale
390	405	Sandstone
405	415	Sandstone and grey shale

Water Well Log
Ray Baker
Filed for record this
29th day of Dec., 1961, A.D.
at [illegible] P.M.
Delight Leslie, Clk. & Rec.,
by [signature] Dep

G

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

File No.....

T. 16 R. 12

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

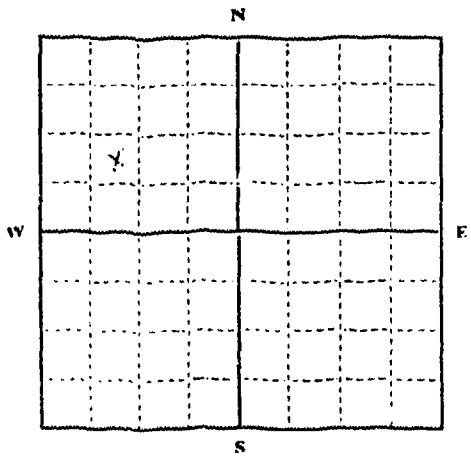
RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE W. CARVER, of RR #2 Box 4, Stanford
(Name of Appropriator) (Address) (Town)

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



NW ¼ Sec. 32 T. 16 R. 12

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 Continuous use since farm purchase, 1958--Previous use--unknown

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

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

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 unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
depth Approx. 400' width 5" casing

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

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

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
N.A.

Signature of Owner George W. Carver

Date December 30, 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.

3278

#506

VESTED GROUNDWATER RIGHTS
GEORGE W. CARVER

Sec. 32-16-12

State of Montana
County of Judith Basin
Filed for record this 31st
day of Dec. A.D. 1963 at
11:30 o'clock A.M.
Delight Leslie, Clerk & Rec.
by Betty Chrisman Dep.

Fee $2.00 pd.

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

File No.....

T. 16 R. 12

DUPLICATE

County Lewis & Clark

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

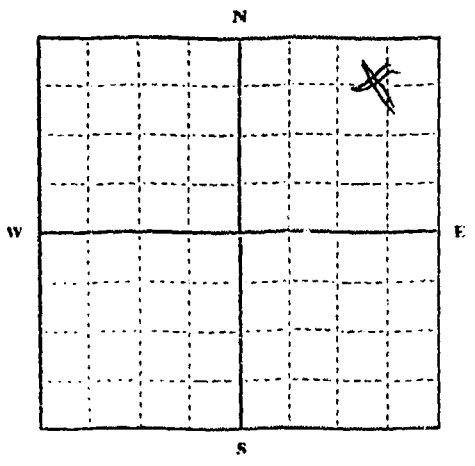
RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rosenquist Byron N. Agt., of 35 - 7th Ave. So. Stanford
(Name of Appropriator) (Address) (Town)

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



.....¼..... Sec. 23 T. 16 R. 12

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 used since 1935

4. The amount of groundwater claimed (in miner's inches or 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 Spring and well

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year ?

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

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

Signature of Owner B N Rosenquist Agt

Date 12-31-63

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.

32885

File No. 609

. M. Rosenquist

NE¼/NE¼ Sec. 33-16-12

State of Montana

County of Judith Basin

Filed for record this

31st day of Dec. A.D. 1965

at 3:52 P.M.

Dwight Reese

County Clerk

Fee $2.00 Paid.

GW Helena Independent Record

File No.....

T 16 R 12 34

DUPLICATE

County Judith Basin

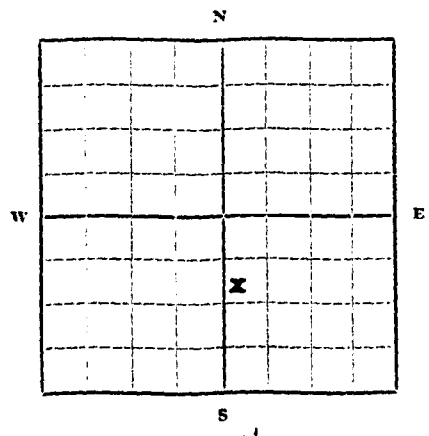
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 18 19[illegible]
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. D. C. Rogers (Name of Appropriator) of Stanford (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼NW¼SE¼ 34
¼ Sec. 32 T. 16 R. 12

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 Oct. 1, 1959
used about 8 months of each year.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
July, 1959

8. The depth of water table down about 4 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
dug 20 ft. deep, water four feet from surface
Hole 27 inches in diameter

10. The estimated amount of groundwater withdrawn each year 5,000 gal.

11. The log of formations encountered in the drilling of each well if available
No log- shale encountered.

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 D C Rogers

Date July 16th, 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 School of Mines and Quadruplicate for the Appropriator.

50-41

W.W. 243

Water Well

D. C. Rogers

SWNWSE Sec. 32-16-12

121312

State of Montana
County of Judith Basin
Filed for record this
16th day of July A.D. at 2:00
o'clock P.M.
Balight Leslie, Clk. & Rec.
by Betty Cruikshank Dep

Fee $2.00 pd.

Del Leslie, Clerk & Recorder Betty Creekmore, Duty

Judith Basin County, Montana

OFFICE OF CLERK AND RECORDER

STANFORD, MONTANA

July 24th, 1963.

RECEIVED
JUL 26 1963
STATE ENGINEER

Please make the following change in the Declaration of Vested Groundwater Right for D. C. Rogers File No. 243 filed on the 16th day of July A. D. 1963 at 2 P.M. Please change Sec. 32 to Sec. 34.

Del Leslie
County Clerk.

DELIGHT LESLIE, Clerk and Recorder

BETTY CREEKMORE, Deputy

Judith Basin County, Montana

OFFICE OF CLERK AND RECORDER

STANFORD, MONTANA 59479

County of Judith Basin

Dec. 15th, 1965.

STATE WATER CONSERVATION BOARD

DEC 16 1965

Bille	McDermott
Butcher	McNulty
Coyle	Morton
Darlinton	Sullivan
Dickert	

State Water Conservation Board
Everett V. Darlinton, Asst. Director
Helena, Montana

Dear Sirs:

Would you please change the Notice of Completion of Groundwater Appropriation Without Well of Donald C. Rogers our File No. 663- Filed on the 14th day of December, 1965 at 1:00 P.M. from the SW¼SE¼ of Sec. 34-16-12 to the NW¼SE¼ of Sec. 34-16-12 and Mark the Spring just North and over the line into the NW¼.

Thank you,

Delight Leslie

County Clerk.

SW 3 STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—39318

34

File No.....

T 16 R 12

Bills

DUPLICATE

County Judith Basin

C.

D.

O.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 10/2/64

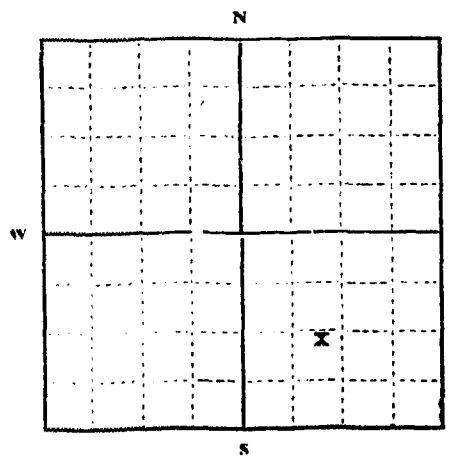
Owner Donald C. Rogers Address Stanford, Mont.

Contractor (if any) .....

Address of Contractor .....

Date Started 10/2/64 Date Completed 10/2/64

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable opened spring by digging to depth of 5 ft.



SW SE ¼ Sec. 34 T. 16 R. 12

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 all year.

1 gal per minute

Signature of Owner Donald C Rogers

Date 12/11/65

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; Tripliate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

40013

663

WATER APPROPRIATION
SW SE Sec 34-16-12

State of Montana
County of Judith Basin
Filed for record this
14th day of Dec. A.D. 1965 at
1:00 o'clock P.M.

Delight Leslie, Clk. & Rec.

by Betty Cruthmore Dep

G.

Approved Stock Form—State Publishing Co., Helena, Montana—42134

File No. .....

T. 16 R. 12

DUPLICATE

County Judith Basin

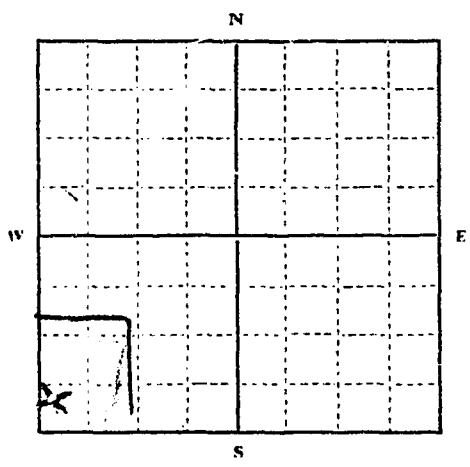
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. L. L. Proctor, of Windham
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼SW¼ Sec. 35 T. 16R. 12

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, Domestic uses and irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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 L.L.Proctor, owner. Irrigate about one acre on SW¼SW¼ of Sec. 35-16-12.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Oct. 1947 and completed Dec. 1947. Artesian pump well.

8. The depth of water table 720 feet to nothing.

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 Depth of well 720 feet; one and one-half inch casing. Drilled Artesian well.

10. The estimated amount of groundwater withdrawn each year About four million gallons.

11. The log of formations encountered in the drilling of each well if available No log.

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 L. L. Proctor

Date Dec. 31, 1963

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

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

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

32820

File 544

L.L. Proctor

Sec. 35-16-12

State of Montana

County of Judith Basin

Filed this 31st day of

December A. D. 1963 at

2:46 o'clock P.M.

Dwight Kuhre

County Clerk.

GW

File No.....

DUPLICATE

T. 16 R. 12

County Judith Basin

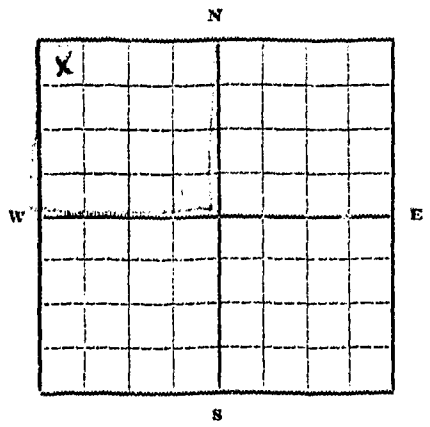
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 12 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elvin L. Bailey and Cecelia Bailey, of Stanford
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ ¼ Sec. 35 T. 16 R. 12

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 Feb. 15, 1955 continuous thru the year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 13 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 About one-half acre for garden. NW¼ of Sec. 35-16-12- Elvin L. Bailey, owner.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started Jan. 24, 1955. Completed Feb. 15, 1955.

8. The depth of water table 768 feet deep.

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 Well 768 feet deep, cased with 2 inch. Galv. pipe to bottom.

10. The estimated amount of groundwater withdrawn each year 2,101,400 gallons

11. The log of formations encountered in the drilling of each well if available Typed on reverse side of this sheet.

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 Elvin L Bailey

Date 12/10/63

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 School of Mines and Quadruplicate for the Appropriator.

5591

Elvin Bailey — Stanford, Montana. Location
Well started Jan. 24, 1955 — Completed Feb. 16, 1955

From	To	Description
0	22	Soil, gravel and shale
22	62	Soft grey shale, sandstone
62	75	Shale and bentonite
75	110	Soft grey shale and bentonite
110	240	Soft grey shale with streaks of bentonite
240	303	Dark shale, harder, sandy shale, hard
303	308	Hard sandstone
308	315	Sandy shale, sandstone
315	328	Hard sandy shale and sandstone
328	370	Soft grey shale, sandy grey shale
370	375	Sandstone
375	475	Red shale
475	555	Sandstone and sandy red shale, water at 545-555
555	608	Sandstone
608	655	Sandstone and sandy shale
655	680	Sandy shale
680	702	Fine sandstone
702	706	Hard sandstone
706	742	Fine sandstone, hard.
742	768	Source sandstone, water, approx.13 gal. per min. Set 2" galv. pipe to bottom

Well drilled by C. C. Thatcher, Stanford, Montana

1282

Elvin L. and Cecelia Bailey

NE Sec. 35-11-1

121953

State of Montana
County of Judith Basin

Filed this 10th day of December A. D. 1963 at 1:25 o'clock P.M.

[signature]
County Clerk.

Fee $2.00 Paid.

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

File No. ..... T 16 R 12

DUPLICATE

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

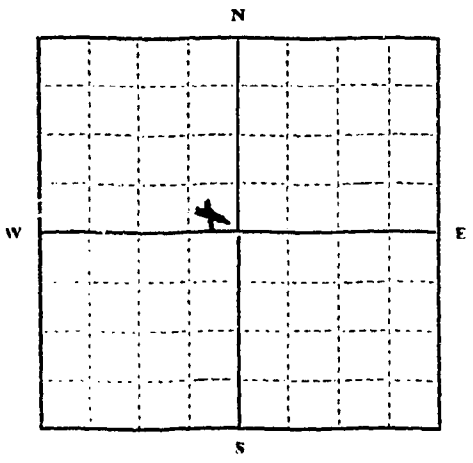
RECEIVED
JAN 15 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rosenquist, Byron N. (Name of Appropriator), of 75 4th Ave So (Address) Stanford (Town)

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



¼ Sec 36 T. 16 R. 12

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) .....

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 limited (adjacent)

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

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 740 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 740 ft 2 in. casing

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

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

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

Signature of Owner B N Rosenquist

Date 12-31-63

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.

32888

File No. 612

A. N. Rosenquist

NW¼/NW¼ Sec. 36-16-12

State of Montana

County of Judith Basin

Filed for record this

31st day of Dec. A. D. 1963

at 3:55 P.M.

Delight Leslie
County Clerk

Fee $2.00 Paid.

GW 2 — Approved Stock Form—State Publishing Co., Helena, Montana—48557 — 36

File No.

T. 16 N R. 12 E

DUPLICATE

County [illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

LOG

Top of Ground

(Elev. above sea level ....)

From	To	Formation
0	1	Topsoil
1	30	clay [illegible] pebbles
30	45	Colorado shale, Black with streaks rock, Bentonite
45	95	Sandstone
95	110	Black shale
110	125	Sandstone
125	175	Layers of sandstone, shale and bentonite
175	380	Black shale
380	430	1st Cat Creek sand
430	498	Coctnae top layers of green varisted shale [illegible], sandy
498	562	Grey sandstone
562	580	Varisted shale, rock streaks, red pink green grey Sandy
580	595	Sandstone with streaks of red shale
595	600	Hard standstone
600	630	Soft black and red brown sticky shale
630	645	Sandstone
645	652	Red shale
652	680	Hard sandstone
680	694	Red shale
694	696	Hard white rock streaks Water
695	740	Red shale hard
740	800	Hard rock
800	882	Hard grey sandstone Water zone at [illegible]-855-861

Show exact depth of bottom.

Doc. No. 763
Filed for record
this 3rd day of January
A. D. 1973 at 3:00
o'clock P. M.

Owner [illegible] Address [illegible], Mont.

Driller [illegible] Address [illegible], Mont.

Date of Notice of appropriation of groundwater ....

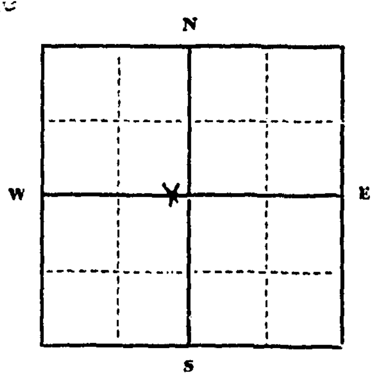
Date well started 12/21/72 Date completed 1/15/73

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

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

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	Perforations: From (Feet)	Perforations: To (Feet)
7-7/8		0	35			
4-3/4		35	[illegible]			
3-7/8		55[illegible]	[illegible]			
	6-5/8 OD	Above gr. 1'	35			
	2" Galv	Above 2'	750			



SE 1/4 NW Sec. 36 T. 16 N R. 12 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well None feet.

Shut-in Pressure for Flowing Well 30

Pumping Water Level None feet at None gal. per minute.

Discharge in gal. per min. of flowing well 12

How Tested Measured with bucket

Length of Test [illegible] min.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Sealed with Packer at 5[illegible]', well cemented [illegible] to top. Galv. [illegible] and shoe at 750'.

(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.

Driller's License Number

Driller's Signature.

52,286

#763

APPROPRIATION OF WELL

Rosenquist, B. W.

SE¼NW¼ Sec. 36-
Twp. 16- R 12

STATE OF MONTANA
County of Judith Basin

Filed for record this 23rd day of January A.D. 1973 at 3:00 p.m.

Delight Leslie Co. Clerk

Mary Lu Breen Deputy

GROUNDWATER INDEX

County Judith Basin Twp. [illegible] Rge. 13 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Hedrick, J.R.	GW-4	693	
5	" "	"	7[illegible]	
5	Hedrick, Bert E.	"	119712	
7	" " "	GW 3	1197[illegible]	
8	" J.R.	GW-4	698	
8	" "	"	699	
8	Hedrick, Bert E.	GW 3	119747	
9	Hedrick, J.R.	GW-4	700	
11	Dickson, Mike	3 GW 2	776	
11	Dickson, William	GW 4	13[illegible]	
14	Anderson, Oscar T.	Well log	—	
14	" " "	" "	—	
15	Hungate, Robert	GW 2	13[illegible]	
15	Nelson, Charles	Well log	—	
15	" "	" "	—	
15	" "	GW 2	13[illegible]	
16	" "	Well log	—	
18	Roland, A.E.	GW-4	49	
19	Nelson, William	Well log	—	
19	"	" "	—	
19	Nelson, Edith M.	GW 2	—	
19	Henle, Ruth E	GW-4	12[illegible]	
20	Deegan, Jack	GW 2	70[illegible]	
20	Nelson, William	GW-4	2[illegible]	
23	Anderson, Oscar T.	Well log		
23	Williamson, Axel E.	GW-4	532	
27	Dubois, [illegible] M.	"	120[illegible]	
27	Clark, G.W.	GW 3	73[illegible]	
28	Whitfield, Orville	Well log	—	
28	Stewart, Mike	GW-4	3[illegible]	
29	Neill, Howard Jr. & Shirley	"	12[illegible]	
30	" " "	Well log	—	
30	Horn, Bert	" "	—	
30	Neill, Howard Jr. & Shirley	GW-4	12[illegible]6	
32	Roesler, Harold	"	119[illegible]	
33	" "	"	119[illegible]	
34	Dubois, Douglas M.	"	36[illegible]	
3	Hall, H.C.	GW 3	122082	
3	Hall, H.C.	GW 4	122083	
5	Hendrick, J.R	GW 4	694	

GW 3 Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

T. 16 R. 23 E

DUPLICATE

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug. 1, 1910

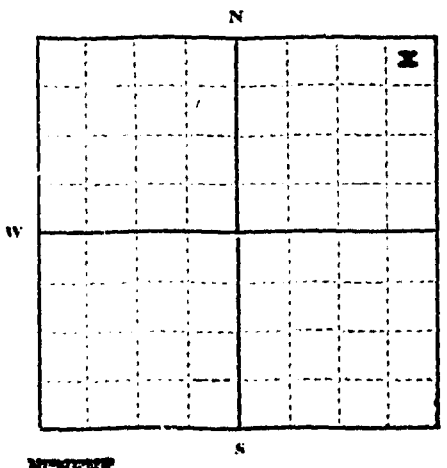
Owner V. G. Hall Address Stanford

Contractor (if any) none

Address of Contractor none

Date Started Aug. 1, 1910 Date Completed Aug. 1, 1910

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable dug in a 50 gal barrel and flows 2 gallon per minute into stockwater tank. For stockwater only



NE¼ NE¼ Sec. 3 T. 16 R. 23 E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use It flows 2 gallon per minute into a pipe to a tank

Signature of Owner V. G. Hall

Date Feb. 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.

32622

#345

XXXXXX WATER APPROP.
H. C. HALL
XXXXXX Sec. 3-16-13

122082

State of Montana
County of Judith Basin
Filed for record this 23rd
day of Dec. A.D. 1963 at 2:30
o'clock P.M.
Delight Leslie, Clerk and Rec.
by Betty [signature] Dep.

Fee $2.00 pd.

G -Helena Independent Record

File No. .....

T. 16 R. 13

DUPLICATE

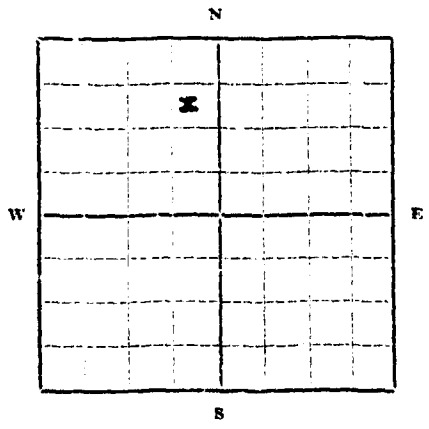
County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SENENW ¼ Sec. 3 T. 16 R. 13

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 household and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1910

4. The amount of groundwater claimed (in 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump with 2½ cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1910 cribbed up with brick

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 dug 25 ft. deep cribbed up with brick

10. The estimated amount of groundwater withdrawn each year unknown

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 H. C. Hall

Date Dec. 23, 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 School of Mines and Quadruplicate for the Appropriator.

32623

VESTED GROUNDWATER RIGHTS

H. C. HALL

SENESW Sec. 3-16-13

122083

State of Montana
County of Judith Basin
Filed for record this 23
day of Dec. A.D. 1963 at 2:35
o'clock P.M.
Delight Leslie, Clerk & Rec.

by _____ Dep.

Fee $2.00 pd.

GW

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

5

File No. ....

T. 16 N R. 13 E

DUPLICATE

County..........

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

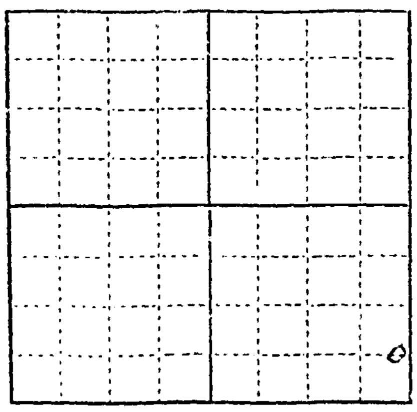
(Under Chapter 237, Montana Session Laws, 1961)

1. J. R. Hedrick, of Stanford Mont.
(Name of Appropriator) (Address) (Town)

County of Judith Basin State of Mont.

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

N

W  E

S

SE 1/4 SE 1/4 Sec. 5 T. 16 R. 13

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 watering livestock & House use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Feb. 1956

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

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

7. The date of commencement and completion of the construction of ~~the well~~ wells, or other works for withdrawal of groundwater Nov. 1955 completed 1956.

8. The depth of water table 1118 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 The well is 1118 ft deep with a 2 in casing

10. The estimated amount of groundwater withdrawn each year 1,460,000 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 county record

Signature of Owner J. R. Hedrick

Date Jan 4 1964

Three copies to be filed by the owner with the County Clerk 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.

40700

#693

J. R. HEDRICK
SESE Sec. 5-16-13

State of Montana
County of Judith Basin
Filed for record this 30th
day of Dec. A.D. 1965 at 10:10
o'clock A.M.

Delight Leslie, Clk. & Rec.
by Betty Cru Dunn Dep

GW — Approved Stock Form — State Publishing Co., Helena, Montana 44887

File No........................... T. 16 N R. 13 E

DUPLICATE County...........................

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. [illegible], of [illegible]
(Name of Appropriator) (Address) (Town)

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

N / W / E / S

S.W. 1/4 S.W. 1/4 Sec. 5 T. 16 R. 13

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 [illegible]
[illegible]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been [illegible] 1936

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

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 [illegible]
[illegible]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater [illegible] 1936

8. The depth of water table 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 10 ft.

10. The estimated amount of groundwater withdrawn each year [illegible] 200000

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

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 [illegible]

Date Dec 30 1965

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.

#701

J. R. HEDRICK

SW SW Sec. 5-16-13

State of Montana
County of Judith Basin

Filed this 31st day of
December A. D. 1965 at 2:20
o'clock P.M.

[signature]
County Clerk.

STATE WATER CONSERVATION BOARD

JAN 7

Bille
Butterin
Coyle
Derlinton
Dickert

GW 3

File No.....

DUPLICATE

T. 16 R. 13

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

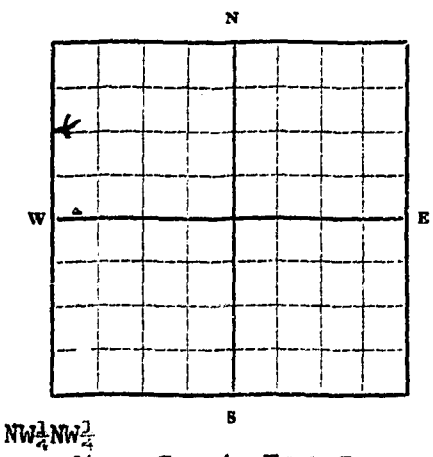
Date of Appropriation of Groundwater 1911

Owner Bert L. Hedrick Address Stanford, Montana

Contractor (if any) None

Address of Contractor None

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



NW¼NW¼ ¼ Sec. 5 T. 16 R. 13

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

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

By Spring and ditch made from Spring to a dam which water flows into

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

20 gallons per minute.

in use continuously

Signature of Owner Bert L Hedrick

Date January 11th, 1962.

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

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

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

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

1126

Doc. No.118745

NOTICE OF COMPLETION

of groundwater Appropriation

without well

Spring in NW¼NW¼ Sec. 5-16-13

STATE OF MONTANA

County of Judith Basin

Filed this 11th day of January

A. D. 1962 at 2:15 o'clock P.M.

County Clerk.

Fee $2.00 Paid.

5

GW

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

File No.............................. T. 16 N R 13 E

TRIPLICATE County...........................

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

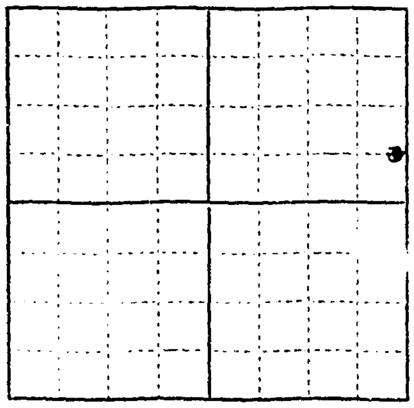
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. J. R. Hedrick, of Stanford, Mont
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

N

W  E

S

SE¼ NE¼ Sec. 5 T. 16 R. 13

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 Watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954 Oct. used 6 months of the yr.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 24 gal per min on well drillers bailing test

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 & Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov. 1954

8. The depth of water table 100 ft with

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 ft deep with a 6 inch casing with a pump & wind mill.

10. The estimated amount of groundwater withdrawn each year 14,400 gal per yr.

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 J. R. Hedrick

Date Jan 4 1964

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.

40649

#694

J. R. HEDRICK

SENE Sec. 5-16-13

State of Montana
County of Judith Basin
Filed for record this
30th day of Dec. A.D. 1965
at 10:15 o'clock A.m.

Delight Leslie, Clk. & Rec.
by Betty Gaskins Dep

GW 3

File No.....

DUPLICATE

T. 16 R. 13

County Judith Basin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

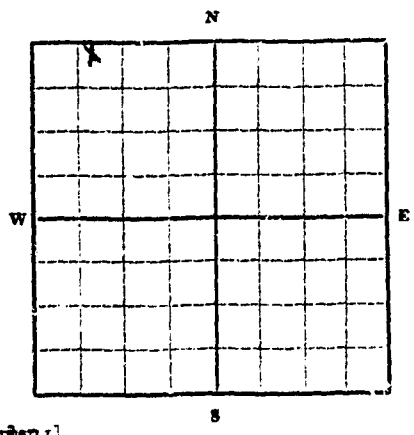
Date of Appropriation of Groundwater ....1911.....

Owner....Bert E. Hedrick..... Address.....Stanford, Montana

Contractor (if any) .....None.....

Address of Contractor .....None

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



NW¼NW¼ ¼..... Sec. 7 T. 16 R. 13

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

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

.....Ditch made from Spring and it flows into a dam.....

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 .....

.....Approximately 30 gallons to the minute In continuous use.....

Signature of Owner.....Bert E Hedrick

Date.....January 11th, 1962

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

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

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

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

Rec. No. 118746

NOTICE OF COMPLETION

of groundwater Appropriation

without well

SPRING IN

NW¼NW¼ Sec. 7-16-13

STATE OF MONTANA

County of Judith Basin

Filed this 11th day of January

A. D. 1962 at 2:30 o'clock P.M.

County Clerk.

Fee $2.00 Paid.

GW

Approved Stock Form—State Publishing Co., Helena, Montana 44557

File No. ....

T. 16 R. 13

DUPLICATE

County ....

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. .... of ....
(Name of Appropriator) (Address) (Town)

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

N
W E
S

NE¼SE Sec. 2 T16 R13

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 ....

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

4. The amount of groundwater claimed (in miner's inches or 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 ....

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

8. The depth of water table ....

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

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

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

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

Signature of Owner ....

Date Dec 30 1965

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.