

GROUNDWATER INDEX

Page 1 of 7

County Gallatin Twp. 2N Rge. 7E

[illegible]

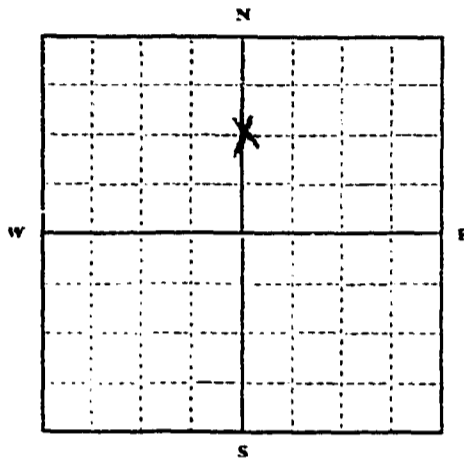
T2N R 7E

County Saline

DEC 30 1963

(Under Chapter 237, Montana Session Laws, 1961)

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



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 raising
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 -
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 "
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
40 - 50 - 75 - 100 - 125 - 150 - 175 - 200 - 225 - 250 - 275 - 300 - 325 - 350 - 375 - 400 - 425 - 450 - 475 - 500 - 525 - 550 - 575 - 600 - 625 - 650 - 675 - 700 - 725 - 750 - 775 - 800 - 825 - 850 - 875 - 900 - 925 - 950 - 975 - 1000 - 1025 - 1050 - 1075 - 1100 - 1125 - 1150 - 1175 - 1200 - 1225 - 1250 - 1275 - 1300 - 1325 - 1350 - 1375 - 1400 - 1425 - 1450 - 1475 - 1500 - 1525 - 1550 - 1575 - 1600 - 1625 - 1650 - 1675 - 1700 - 1725 - 1750 - 1775 - 1800 - 1825 - 1850 - 1875 - 1900 - 1925 - 1950 - 1975 - 2000 - 2025 - 2050 - 2075 - 2100 - 2125 - 2150 - 2175 - 2200 - 2225 - 2250 - 2275 - 2300 - 2325 - 2350 - 2375 - 2400 - 2425 - 2450 - 2475 - 2500 - 2525 - 2550 - 2575 - 2600 - 2625 - 2650 - 2675 - 2700 - 2725 - 2750 - 2775 - 2800 - 2825 - 2850 - 2875 - 2900 - 2925 - 2950 - 2975 - 3000 - 3025 - 3050 - 3075 - 3100 - 3125 - 3150 - 3175 - 3200 - 3225 - 3250 - 3275 - 3300 - 3325 - 3350 - 3375 - 3400 - 3425 - 3450 - 3475 - 3500 - 3525 - 3550 - 3575 - 3600 - 3625 - 3650 - 3675 - 3700 - 3725 - 3750 - 3775 - 3800 - 3825 - 3850 - 3875 - 3900 - 3925 - 3950 - 3975 - 4000 - 4025 - 4050 - 4075 - 4100 - 4125 - 4150 - 4175 - 4200 - 4225 - 4250 - 4275 - 4300 - 4325 - 4350 - 4375 - 4400 - 4425 - 4450 - 4475 - 4500 - 4525 - 4550 - 4575 - 4600 - 4625 - 4650 - 4675 - 4700 - 4725 - 4750 - 4775 - 4800 - 4825 - 4850 - 4875 - 4900 - 4925 - 4950 - 4975 - 5000 - 5025 - 5050 - 5075 - 5100 - 5125 - 5150 - 5175 - 5200 - 5225 - 5250 - 5275 - 5300 - 5325 - 5350 - 5375 - 5400 - 5425 - 5450 - 5475 - 5500 - 5525 - 5550 - 5575 - 5600 - 5625 - 5650 - 5675 - 5700 - 5725 - 5750 - 5775 - 5800 - 5825 - 5850 - 5875 - 5900 - 5925 - 5950 - 5975 - 6000 - 6025 - 6050 - 6075 - 6100 - 6125 - 6150 - 6175 - 6200 - 6225 - 6250 - 6275 - 6300 - 6325 - 6350 - 6375 - 6400 - 6425 - 6450 - 6475 - 6500 - 6525 - 6550 - 6575 - 6600 - 6625 - 6650 - 6675 - 6700 - 6725 - 6750 - 6775 - 6800 - 6825 - 6850 - 6875 - 6900 - 6925 - 6950 - 6975 - 7000 - 7025 - 7050 - 7075 - 7100 - 7125 - 7150 - 7175 - 7200 - 7225 - 7250 - 7275 - 7300 - 7325 - 7350 - 7375 - 7400 - 7425 - 7450 - 7475 - 7500 - 7525 - 7550 - 7575 - 7600 - 7625 - 7650 - 7675 - 7700 - 7725 - 7750 - 7775 - 7800 - 7825 - 7850 - 7875 - 7900 - 7925 - 7950 - 7975 - 8000 - 8025 - 8050 - 8075 - 8100 - 8125 - 8150 - 8175 - 8200 - 8225 - 8250 - 8275 - 8300 - 8325 - 8350 - 8375 - 8400 - 8425 - 8450 - 8475 - 8500 - 8525 - 8550 - 8575 - 8600 - 8625 - 8650 - 8675 - 8700 - 8725 - 8750 - 8775 - 8800 - 8825 - 8850 - 8875 - 8900 - 8925 - 8950 - 8975 - 9000 - 9025 - 9050 - 9075 - 9100 - 9125 - 9150 - 9175 - 9200 - 9225 - 9250 - 9275 - 9300 - 9325 - 9350 - 9375 - 9400 - 9425 - 9450 - 9475 - 9500 - 9525 - 9550 - 9575 - 9600 - 9625 - 9650 - 9675 - 9700 - 9725 - 9750 - 9775 - 9800 - 9825 - 9850 - 9875 - 9900 - 9925 - 9950 - 9975 - 10000 - 10025 - 10050 - 10075 - 10100 - 10125 - 10150 - 10175 - 10200 - 10225 - 10250 - 10275 - 10300 - 10325 - 10350 - 10375 - 10400 - 10425 - 10450 - 10475 - 10500 - 10525 - 10550 - 10575 - 10600 - 10625 - 10650 - 10675 - 10700 - 10725 - 10750 - 10775 - 10800 - 10825 - 10850 - 10875 - 10900 - 10925 - 10950 - 10975 - 11000 - 11025 - 11050 - 11075 - 11100 - 11125 - 11150 - 11175 - 11200 - 11225 - 11250 - 11275 - 11300 - 11325 - 11350 - 11375 - 11400 - 11425 - 11450 - 11475 - 11500 - 11525 - 11550 - 11575 - 11600 - 11625 - 11650 - 11675 - 11700 - 11725 - 11750 - 11775 - 11800 - 11825 - 11850 - 11875 - 11900 - 11925 - 11950 - 11975 - 12000 - 12025 - 12050 - 12075 - 12100 - 12125 - 12150 - 12175 - 12200 - 12225 - 12250 - 12275 - 12300 - 12325 - 12350 - 12375 - 12400 - 12425 - 12450 - 12475 - 12500 - 12525 - 12550 - 12575 - 12600 - 12625 - 12650 - 12675 - 12700 - 12725 - 12750 - 12775 - 12800 - 12825 - 12850 - 12875 - 12900 - 12925 - 12950 - 12975 - 13000 - 13025 - 13050 - 13075 - 13100 - 13125 - 13150 - 13175 - 13200 - 13225 - 13250 - 13275 - 13300 - 13325 - 13350 - 13375 - 13400 - 13425 - 13450 - 13475 - 13500 - 13525 - 13550 - 13575 - 13600 - 13625 - 13650 - 13675 - 13700 - 13725 - 13750 - 13775 - 13800 - 13825 - 13850 - 13875 - 13900 - 13925 - 13950 - 13975 - 14000 - 14025 - 14050 - 14075 - 14100 - 14125 - 14150 - 14175 - 14200 - 14225 - 14250 - 14275 - 14300 - 14325 - 14350 - 14375 - 14400 - 14425 - 14450 - 14475 - 14500 - 14525 - 14550 - 14575 - 14600 - 14625 - 14650 - 14675 - 14700 - 14725 - 14750 - 14775 - 14800 - 14825 - 14850 - 14875 - 14900 - 14925 - 14950 - 14975 - 15000 - 15025 - 15050 - 15075 - 15100 - 15125 - 15150 - 15175 - 15200 - 15225 - 15250 - 15275 - 15300 - 15325 - 15350 - 15375 - 15400 - 15425 - 15450 - 15475 - 15500 - 15525 - 15550 - 15575 - 15600 - 15625 - 15650 - 15675 - 15700 -

Date Dec 24 1963

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.

14055

1293

State of Montana |
County of Gallatin | ss.
Filed Dec 27, 1963
at 434 o'clock P. M.
Carl Hutton
COUNTY CLERK & RECORDER
By Forst
DEPUTY
Fee \$ 27.00

Form No. 18
8-60

T. 2 N R. 7 E Sec. 3
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

| | | |
|---|--|--|
| x | | |
| | | |
| | | |
| | | |

Owner District 38 - Tecknoge Address Pt. 1, Wibaux, Mont.

Driller Fanny Harper Address dead

Date Started 1900 Date Completed 1900

Location: Sec. 3 T. 2 N R. 7 E $\frac{1}{4}$ sec. Corner of NW quarter

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

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

Casing: 30 ft. to _____ ft. Type metal Size 6 in.

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

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

Perforated or screened: Ft. 10 to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations drilled perforation

Static water level, for non-flowing well: 6 ft. above ground feet.

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

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

How tested: _____

Length of test _____

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

gravel packing

(over)

Gallatin County,)
State of Montana,) S.
Filed Dec 19, 1951
at 11:52 AM
Earl Walton
COUNTY CLERK
By L. A. Maxwell
DEPUTY
Fee \$ 2.00 school

Gallatin County.)
 State of Montana.) ss.
 Filed Dec 19 1951
 11:52- Book 9 M.
Earl Walton
 COUNTY CLERK, FLOORER
 By L. A. Maxwell
 DEPUTY,
 Fee \$ 2.75 School

Form 3

Approved Stock Form—State Publishing Co., Helena, Montana—19518

File No. _____

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Gallatin

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1885 - 150 in

Owner Ethel L. Wilson Address 520 W. Cleveland

Contractor (if any) This is to declare Bezman

Address of Contractor Springe in place

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This spring located in Sec 3,

same T10 Sec 5 - 2nd spring in

Sec 32 - 3 N, 7 E - 3rd spring in

Sec 5-2 N-7 E, 4th spring in Sec 31

Sec 31, 7 E about 50 in

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 year round

Stock Water

| | |
|--------|--------|
| Sec 31 | Sec 32 |
| 474 | 280 |
| acres | acres |
| Sec 5 | |
| 636 | |
| acres | |

1/4 Sec T R

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

I cannot indicate place of use with out map of place

Signature of Owner

Ethel L. Wilson

Date Feb 8 - 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.

3564

File No. _____

DUPLICATE

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

See 31

Sec 5-2 N 7 E T 3 N R 7 E Sec 32-3 N-7

County

Gallatin

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 1885 - 150 in

Owner Ethel L. Wilson Address 520 W. Cleveland

Contractor (if any) This is to declare Bezman

Address of Contractor springs in place

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This spring located in Sec 31

run thru Sec 5 - 2nd spring in

Sec 32 - 3 N. 7 E. 3rd spring in

Sec 5-2 N-7 E. 4th spring in Sec 31

So + W of House - 5th spring Sec 32

3 N. 7 E about 50 in

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 year round

Stock Water

| | |
|--------|--------|
| Sec 31 | Sec 32 |
| 474 | 280 |
| acres | acres |
| Sec 5 | |
| 636 | |
| acres | |

1/4 Sec T R

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

I cannot indicate place of use with out map of place

Signature of Owner Ethel L. Wilson

Date Feb 8 - 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.

3564

T. 2 N. R. 5 E. 8
County Calaveras

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

N

| | | |
|--|--|------|
| | | Well |
| | | |
| | | |
| | | |

W

Owner A. R. Grey Address Willis
Driller M. E. Jones Address Helena
Date Started November 21, 1957 Date Completed Nov 27, 1957
Location: Sec. 8 T. 2 N. R. 7 E. $\frac{1}{4}$ sec. SE

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

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

Casing: Surface ft. to 32 ft. Type Std Pipe Size 6" ID

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

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

Perforated or Screened: Ft. None to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

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

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

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

How tested: Bail

Length of test: 1 Hour

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

(over)

Log of Well

[illegible]

File No. _____

T. 2 N R. 2 E

DUPLICATE

County Gallatin

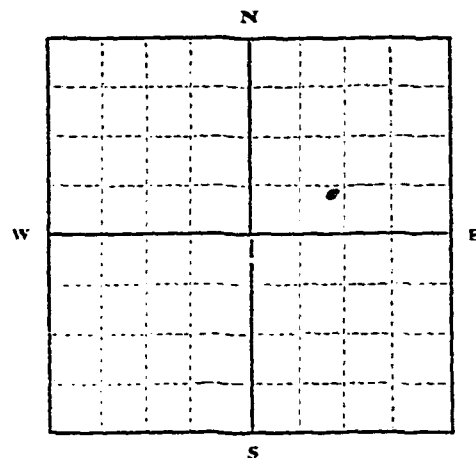
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lucille Varnes, of _____, of _____
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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 well stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1-1-35 approx
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
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 1/2 HP pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1-1-35
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 30 feet
10. The estimated amount of groundwater withdrawn each year unknown 350,000
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 unknown

Signature of Owner Lucille VarnesDate 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.

33392

1253

State of Montana / ss.
County of Gallatin /

Filed 12-30, 1963

at 10:59 o'clock A.M.

[Signature]
COUNTY CLERK & RECORDER

By [Signature]

Page 20

File No. _____

T. 2N R. 2E

DUPLICATE

County Gallatin

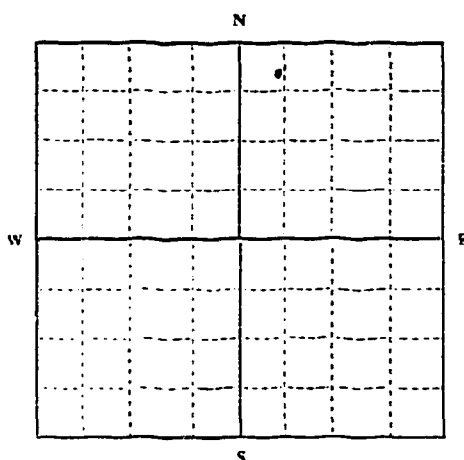
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lucille Varnes, of Missoula
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 8 T. 2N R. 2E

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 + irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx. 1947, drop
city water - later for stockwater
and irrigation
4. The amount of groundwater claimed (in miner's inches or gallons per minute) unknown
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
pasture & hay ground
same
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity
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 unknown
10. The estimated amount of groundwater withdrawn each year unknown 350,000 gal
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 records unknown

Signature of Owner Lucille Varnes

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.

33393

1254

State of Montana }
County of Gallatin } ss.
Filed 12 30, 1963
at 11.00 o'clock AM.
11-11-63
COUNTY CLERK & RECORDER
By [Signature]
Fee \$ 7.00 DEPUTY

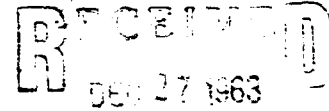
File No.

T. 2N R. 7E

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

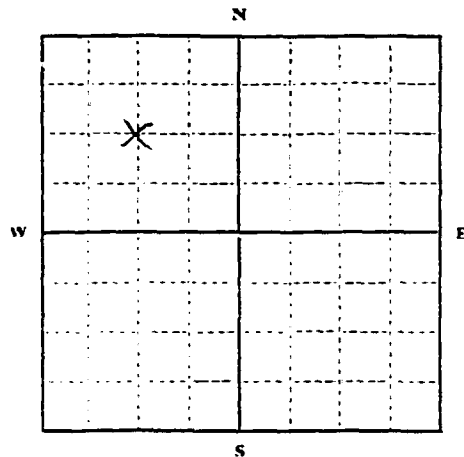


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Armstrong Ranch Co. of Willard
(Name of Appropriator) (Address) (Town)

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



1/4 Sec 10 T. 2N. R. 7E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 4-28-62
daily household & livestock use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 1/2 - 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 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2/1/62 to 2/17/62

8. The depth of water table 47 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 6-5/8 i.d. 84 ft.

10. The estimated amount of groundwater withdrawn each year 275,000

11. The log of formations encountered in the drilling of each well if available 0 - 2 Soil & Rock
2 - 10 Sandstone 10 - 18 rock 18 - 51 rock
51 - 55 clay 55 - 62 rock 62 - 72 Rock
72 - 84 rock

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

Signature of Owner Edna Bernier

Date 2-27-63

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.

1022

J. J. McDonald
County of Garfield, ss.
Subscribed and sworn to before me this 26 day of Jan 1915 at 9 o'clock A.M.
Emilia
COUNTY CLERK & RECORDER
By _____ DEPUTY
Fee \$ 25.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

| | |
|-------------------------|----------------|
| For Administrator's Use | |
| File | <u>32-57</u> |
| | <u>6-24-73</u> |
| GW 1 | <u>1530 ft</u> |

Owner Dolores M. Phillips
Address Rt. 2 Box 232 Bozeman
Contractor (if any) _____
Address of Contractor _____
Date Started July 1968 Date Completed July 1968

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

developed Spring #1
#2 #3

2. Means of withdrawing water (gravity, pump, canal, etc.)

GRAVITY

3. Depth of water table

Unknown

4. Use of the water

Household & Stock or any use or see fit

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

5 to 10 gpm per min
per spring

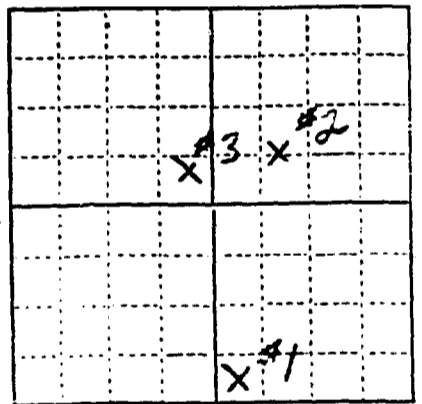
6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

5 to 10 gpm per min per spring

8. Months of year spring flows

12 Mos.



INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 5400

Signature of Owner

Date

3297

State of Montana
County of Gallatin ss.
Filed June 27, 1973
at 12:30 o'clock P.M.
County Clerk & Recorder
By Alta Hargan
Deputy
Fee \$ 2.00 ad.

File No.

T. 2N R. 7E

DUPLICATE

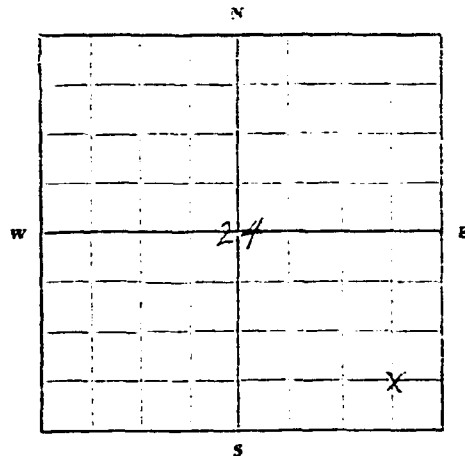
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, UNITED STATES OF AMERICA, of WASHINGTON 25, D. C.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 24 T. 2N R. 7E

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 Range Stock (Nixon)
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Developed in 1938. Used prior to this in undeveloped stage - in continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
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 applicable
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 Not applicable
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 Not applicable
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available Not applicable
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.

UNITED STATES OF AMERICA

By: Phil G. Schlamp District Ranger
Shields Ranger District, Gallatin, N.Y.

Signature of Owner.....

Date 12-23-63

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

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

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

33312

#1172

State of Montana, ss.
County of Gallatin
Filed **December 30**, 1963
at **8:34** o'clock **A**.M.
EARL WALTON
COUNTY CLERK & RECORDER
By *Theresa Chaddis*
DEPUTY
Fee \$ **2.00**

File No.

T. 2N R. 7E

DUPLICATE

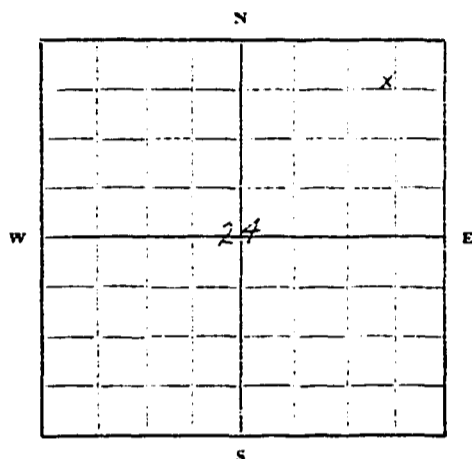
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. UNITED STATES OF AMERICA, of WASHINGTON 25, D. C.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE $\frac{1}{4}$ Sec. 24 T. 2N R. 7E

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 Range Stock (Green Hollow)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Developed in 1938. Used prior to this in undeveloped stage - in continuous use since.

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

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 applicable

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 Not applicable

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 Not applicable

10. The estimated amount of groundwater withdrawn each year Unknown

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

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.

UNITED STATES OF AMERICA
By: Philip G. Schlem District Ranger
Shields Ranger District, Gallatin, N.Y.

Signature of Owner

Date 12-23-63

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

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

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

33313

#1173

State of Montana)
County of Gallatin) ss.
Filed **December 30** **A**, 1963
at **8:35** o'clock **M.**
EARL WALTON
COUNTY CLERK
By *[Signature]* **Recorder**
Fee \$ **2.00**

7 1 25
RECEIVED
County Gallatin 25

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

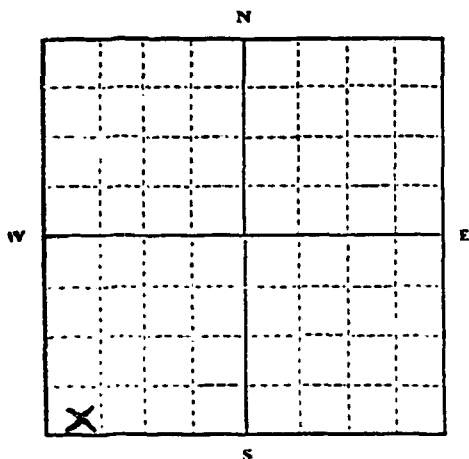
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

| | |
|-------------------------|-------------------|
| For Administrator's Use | |
| File | <u>3331</u> |
| | <u>6-29-73</u> |
| GW 1 | <u>11:05 P.M.</u> |
| | |



SW 1/4 SW 1/4 Sec. 25
T. 2N R. 7E S. 2 E. W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated 5500'

Owner James L. Mitchell

Address Clyde Park, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) _____

Developed Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

Gravity

3. Depth of water table Ground Level at Spring

4. Use of the water Stock Water

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 2 gal. per minute

6. If used for irrigation, give number of acres and description
of land -0-

7. Estimate amount of water used each year _____
350,000 gallons

8. Months of year spring flows 12

Signature of Owner

James L. Mitchell
Date June 27, 1973

3337

State of Montana
County of Gallatin ss.
Filed June 29 1973
at 11:05 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Alta Hargan
Deputy
Fee \$ 2.00

File No. _____

T. 2N R. 7E

DUPLICATE

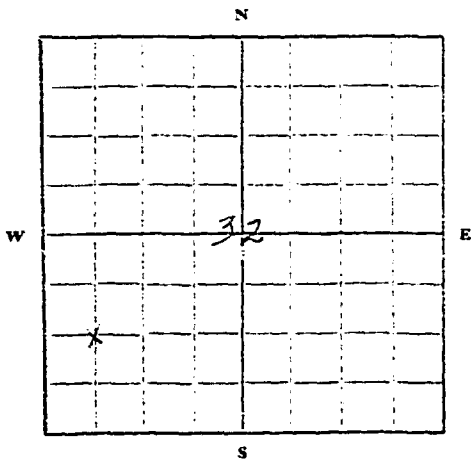
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. UNITED STATES OF AMERICA of WASHINGTON 25, D. C.
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 32 T. 2N R. 7E

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 Administrative Site, Domestic Use (Battleridge)
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Developed in 1936. Used prior to this in undeveloped stage - in continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown
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 applicable
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 Not applicable
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 Not applicable
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available Not applicable
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

UNITED STATES OF AMERICA
By: Philip G. Schlamp District Ranger
Shields Ranger District, Gallatin, N.F.

Signature of Owner _____

Date 12-23-63

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

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

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

33304

#1164

County of Gallatin, SS.
December 30, 1963
Filed 8:26 o'clock M.
At EARL WALTON
COUNTY CLERK
By *Thelma Walters*
2.00 DEPUTY
Fee \$

2nd 1st 36
RECEIVED
County Gallatin 36

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 5335

6-29-73

GW 1 11-16-73

..SE 1/4 ..NE 1/4 Sec. 36.....

1. _____ 2N _____ N R _____ 7E _____ E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated 5500'

Owner James L. Mitchell

Address Clyde Park, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) _____

Developed Spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Gravity

3. Depth of water table Ground Level at Spring

4. Use of the water

Stock Water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal. per minute

3 gal. per minute

6. If used for irrigation, give number of acres and description of land -0-

-0-

7. Estimate amount of water used each year

500,000 gallons

8. Months of year spring flows 12

12

Signature of Owner

Owner James L Mitchell
Date June 27, 1973

Date June 27, 1973

3338

State of Montana
County of Gallatin ss.
Filed June 29 1973
at 11:40 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By Alta Hengen
Deputy
Fee \$ 2.00

GROUNDWATER INDEX

Page 1 of 1

County Gallatin Twp. 1N Rge. 1W

[illegible]

County Gallatin

DRILLER'S LOG

417,904/

2336

State of Montana : ss.
County of Gallatin : ss.
Filed Dec 14, 19 70
at 10:00 o'clock A.M.
Carl L. Smith
County Clerk & Recorder
By Alta M. Hansen
Deputy
Fee \$ 200-00

File No. _____

T. _____ R. _____

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____ 31/1/64

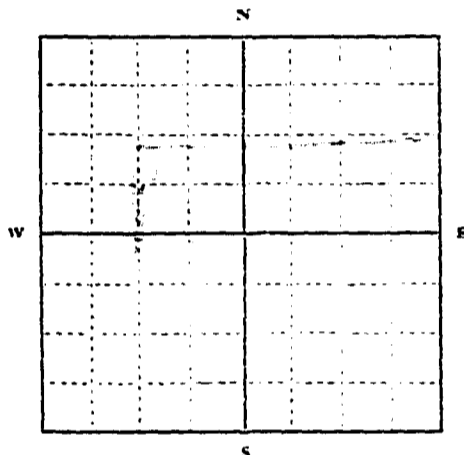
Owner _____ Address _____

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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



NW 1/4 Sec 1 T14N R14W
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. _____

Signature of Owner _____

Date _____ 31/1/64

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.

35778

File No. _____

DUPLICATE

T R

County San Diego

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 31, 1961

Owner S. H. D. ... Address Yellow Creek, Mont.

Contractor (if any) _____

Address of Contractor _____

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 10' at SW

1900

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.....

Franklin D. Roosevelt

Signature of Owner.....

Date Dec 31, 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.

35778

1464

Dec - 31 1963
9.36 A. 1
new station
for
200

File No. _____

T. 17 R. 17

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater Appropriation
Without Well

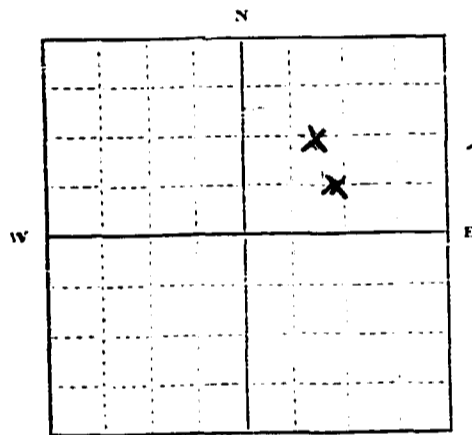
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater SeptOwner Lyle R. Richman Address Willow Creek, MontContractor (if any) Not applicable

Address of Contractor _____

Date Started _____ Date Completed _____

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



NE $\frac{1}{4}$ Sec. 25 T. 17 R. 17 W

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 all the time

Signature of Owner Lyle R. RichmanDate 12/31/63

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.

1747

State of Montana, ss.
County of Gallatin

Filed Dec 31, 1963

1747-354 o'clock AM
Carl H. Hickey

COUNTY CLERK & RECORDER
By [Signature] DEPUTY

Fee \$ 2.00

T. 1N R. 1W 31

County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

| | | | |
|--|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Owner Northern Pacific Ry. Co. Address Sappington, Mont.

Driller E. A. Bodin Address c/o N.P.Ry. Co. St. Paul, Minn.

Date Started October 1, 1957 Date Completed Oct. 21, 1957

Location: Sec. 31 T. 1N R. 1W 1/4 sec. SW NE

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 74 ft. Type steel Size 6"

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

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

Perforated or Screened: Ft. 34 to ft. 43 ft. _____ to ft. _____

Type of screen or perforations 12" long staggered perforations

Static Water level, for non-flowing well: 11 feet.

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

Pumping water level 25 feet at 4 gal. per min.

How tested: Test pump

Length of test 2 hours

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

Backfilled with pea gravel 303' to 74'

(over)

Log of Well

[illegible]

File No. _____

T. 1N R. 1W

DUPLICATE

County Callista

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

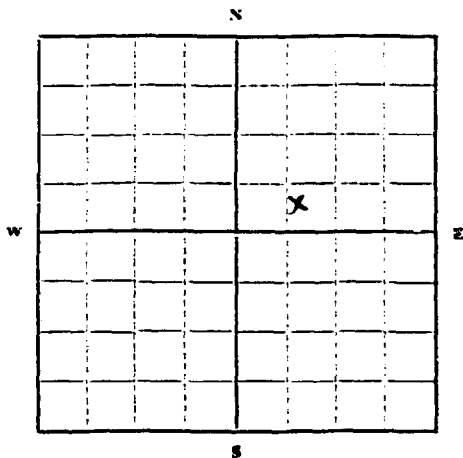
RECEIVED
NOV 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Co. of N.P. Section House Sappington
(Name of Appropriator) (Address) (Town)
County of Callista State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NE Sec. 31 T. 1N R. 1W

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 purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Feb. 18, 1957 to present
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Jet pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Started Oct. 24, 1936 Completed Feb. 18, 1957
8. The depth of water table
11 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 drilled well, 305 feet deep
10. The estimated amount of groundwater withdrawn each year
100,000 gallons
11. The log of formations encountered in the drilling of each well if available
see attached log 11A
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 [Signature]

Date Nov 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.

778

State of Montana }
County of Gallatin } ss.

Filed November 21, 1963

at 4:26 o'clock P. M.

Carl Walton

COUNTY CLERK & RECORDER

By Paul A. Knapell

DEPUTY

Fee \$ 2.00 pd.

Mont. 13A
Rocky Mt. Div.
2nd Sub. Div.
12/13/57

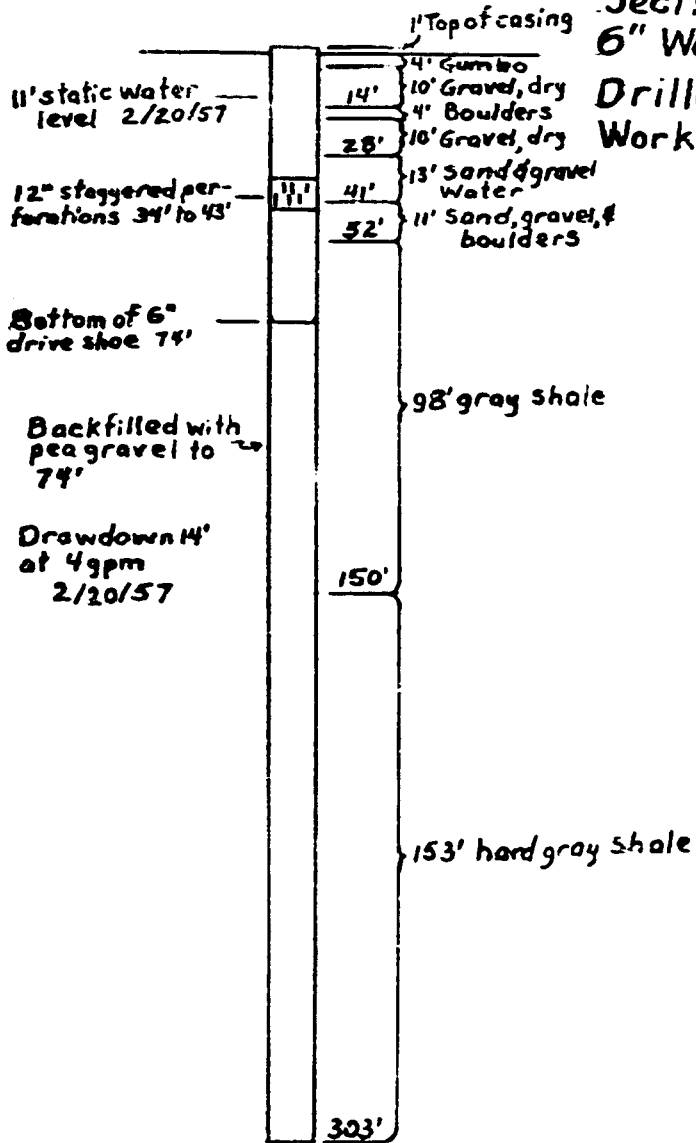
SAPPINGTON, MONT.

Section House Well AFE 530-56

6" Well 303' deep

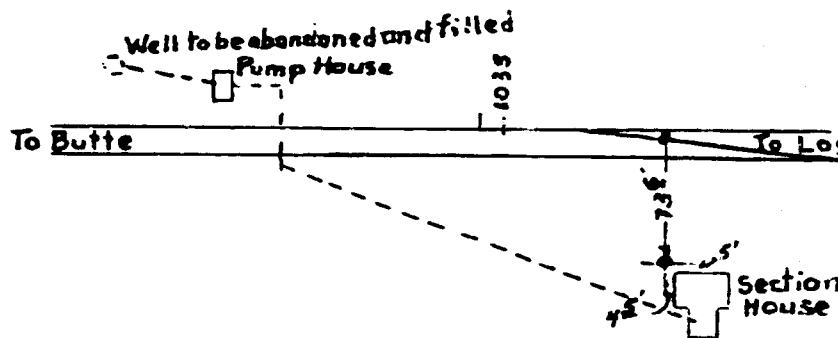
Drilled by E.A. Bodin N.P. Ry. Co.

Work begun 10/24/56 Completed 2/18/57



Vertical scale: 1" = 50'

| Water Analysis | |
|------------------------|-------------------|
| Calcium bicarbonate | 9.6 gpg |
| Magnesium bicarbonate | 0.7 " |
| Magnesium sulfate | 4.5 " |
| Sodium sulfate | 1.1 " |
| Sodium chloride | 2.9 " |
| Silica | 0.98 " |
| Iron | 1.4 ppm |
| pH | 6.8 |
| Total dissolved solids | 18.8 gpg (Actual) |



Location Plan
Scale: 1" = 100'

F.M.W.

File No. _____

T. 14 R. 1W

DUPLICATE

County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

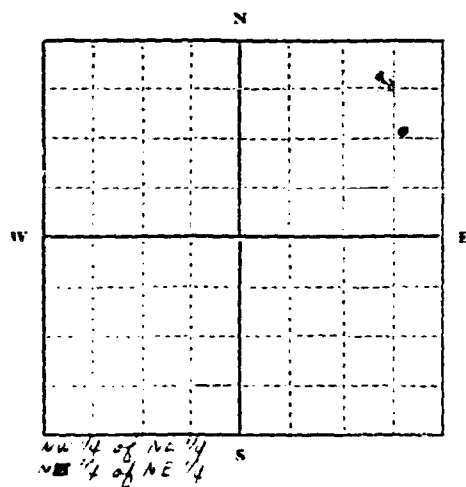
JAN 15 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Shippington Herford Ranch, of Yellow Creek, Montana
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 31 T. 14 R. 1W

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 October 15, 1963
Continuous

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October the 14th

8. The depth of water table Eighteen 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 Two inches inside diameter, thirty-eight feet and one thirty six feet

10. The estimated amount of groundwater withdrawn each year Forty thousand gallons

11. The log of formations encountered in the drilling of each well if available (6 ft) top soil
(12 ft) sand and gravel
(8 ft) blue clay
bottom sand and gravel

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

Signature of Owner

Maud H. Shippington

Date 29 Dec, 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

36052

#1738

State of Montana } ss.
County of Gallatin }

Filed Dec. 31 1963
at 3:45 o'clock PM.

EARL WALTON

COUNTY CLERK & RECORDER

By [Signature] DEPUTY

Fee \$ 2.00

File No. _____

~~12~~ T1N R 1W

DUPLICATE

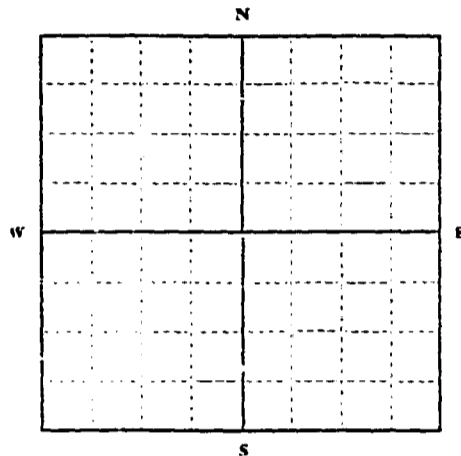
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. LEO A. EROES, of Three Forks
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 34 T. 1N R. 1W

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 and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 - Continuous since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately fifty (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 Southeast Quarter (SE 1/4) Section Thirty-two (32), Township One North (T1N) Range One West (R1W)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table fifty feet (50')
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 not applicable
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
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 applicable

LEO A. EROES

Signature of Owner
.....

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

35797

1483

Mar 31 63
1006
Card Hutton

12

707

County Gallatin Twp. 1-N Rge. 1-E

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|------|------------------------|--------------|-----------------|---------|
| 1 | Kyle Cattle Company | 274 | 1755 | - |
| 2 | Lane James J. and | 274 | 1548 | - |
| | Lane Fred | | | |
| 3 | Lane William Kenneth | 274 | 953 | - |
| 4 | Lane Lee J. | 274 | 1549 | - |
| 4 | Lane Thomas E. | 274 | 1641 | - |
| 10 | Lingsen Dale | 272 | 2042 | - |
| | Lingsen Mary | | | |
| 10 | Lingsen William Dale | 271 | 3279 | - |
| 10 | Lingsen Robert L. | 272 | 2042-P | - |
| | Lingsen Mary J. | | | |
| 11 | Kardumel Eric W. | 272 | 3354 | - |
| | Kardumel Kathleen | | | |
| 12 | Kyle Cattle Company | 274 | 1754 | - |
| 16 | Buttbreand John S. | 273 | 1553 | - |
| 17 | Lullap William A. | 272 | 3252 | - |
| | Lullap H. E. | | | |
| 17 | Lullap William E. | 274 | 3258 | - |
| | Lullap Charles D. | | | |
| 17 | Luttrell Thomas | 272 | 3339 | - |
| 18 | Macdonald Willie R. | 273 | 3204 | - |
| | Macdonald Roy R. | | | |
| 19 | Miller William A. | 274 | 1273 | - |
| 19 | Anderson Howard | 272 | 1906 | - |
| 19 | Anderson Bryan L. | 272 | 1953 | - |
| | Anderson Bryan L. | | | |
| 19 | Campana Archie H. | 274 | 1857 | - |
| | Campana Doug M. | | | |
| 19 | Chen Eugene | 274 | 1462 | - |
| 19 | Church of Christ | 272 | 3290 | - |
| 19 | Church of Christ | 272 | 3287 | - |
| 19 | Cherland Agnes | 272 | 3278 | - |
| | Cherland Francis A. | | | |
| 19 | Cherland Joseph Harold | 274 | 1095 | - |
| 19 | Cook Robert | 274 | 1561 | - |
| | Cook Leta | | | |
| 19 | Craig Harry B. | 274 | 1074 | - |
| 19 | Heiker George | 272 | 3270 | - |
| | Heiker Frank | | | |
| 19 | Heiker George | 272 | 3269 | - |
| | Heiker Frank | | | |
| 19 | Holman Mary W. | 274 | 1213 | - |
| 19 | Jensen Keith E. | 272 | — | - |
| | Jensen Mary E. | | | |
| 19 | School District 15 | 272 | 3291 | - |
| 19 | School District 15 | 272 | 3292 | - |

County Hallam Twp. 1 N Rge. 1 E

[illegible]

File No. _____

T 1 N R 1 E

DUPLICATE

County Gallatin

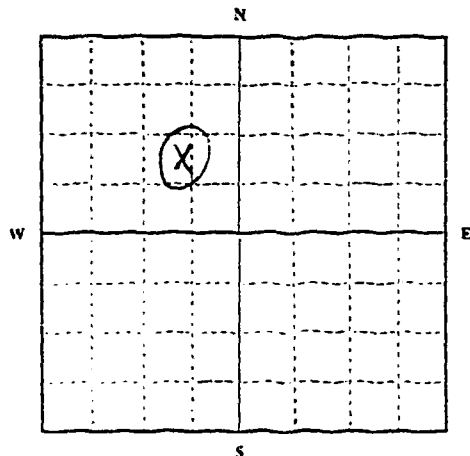
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Kyd Cattle Co., of Box 798, Three Forks
(Name of Appropriator) (Address) (Town)
 County of Gallatin State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 1 T. 1 N. R. 1 E

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

2. The beneficial use on which the claim is based
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Homestead well
continuous
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

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
Not available
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
8" hole Depth 70 feet
10. The estimated amount of groundwater withdrawn each year

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 Kimberly S. KydDate 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.

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1755

County of ...
File Dec 31 1968
to 402 P. M.
of 1000
By FA
Fee \$ 200

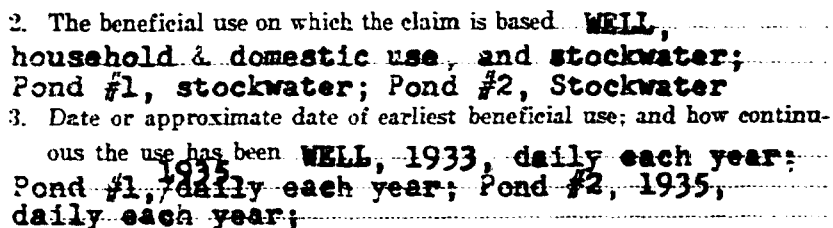
T...IN.....R...IE

County **GALLATIN**

APR 15 1954

(Under Chapter 237, Montana Session Laws, 1961)

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



4. The amount of groundwater claimed (in miner's inches or gallons per minute) WELL, 50 gallons per minute;
Pond #1, 500 gallons per day; Pond #2, 500
gallons per day

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

~~no irrigation~~

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

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

WELL, drilled, steel cased, 6-inch casing, 80 feet deep, 1 horse power pump; Pond #1, scooped pond, 10 feet deep; Pond #2, scooped pond, 10 feet deep.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **WELL, 1933; Pond #1, 1935; Pond #2, 1935**

8. The depth of water table **WELL, 10 feet; Pond No. 1, 7 feet, Pond No. 2, 7 feet.**

5. 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, 80 feet deep, 6-inch steel cased, drilled, 1 horse power pump; Scooped pond #1, livestock drink direct; Scooped pond #2, livestock drink direct.

10. The estimated amount of groundwater withdrawn each year **WELL, 200,000 gallons; Pond #1, 200,000 gallons; Pond #2, 200,000 gallons**

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

gravel base

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 unknown

Signature of Owner

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.

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Nov - 31
11:30
East Waller

RM

750

File No.

T. 1N R. 1E

DUPLICATE

County

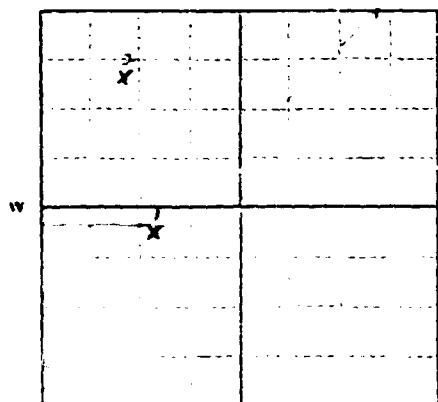
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **WILLIAM KENNETH LANE**, of **Three Forks**,
(Name of Appropriator) (Address) (Town)
County of **Gallatin** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
Two (2) rights, numbered and referred to as 1 and 2 respectively as follows:



2. The beneficial use on which the claim is based **(1) irrigation and stock water (2) stock water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **(1) 1955, continuous since (2) 1940, continuous since**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **(1) 400 miners inches (2) 833 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
(1) for irrigating the following described lands

1/4 Sec. 3 T. 1N R. 1E

Beginning at the Northwest corner of section Three, Township One North of Range One East, thence south along the west side of said Section a distance of 4854 feet, to a point where the west side of said Section and the northwest side of the Chicago, Milwaukee St. Paul and Pacific Railway Company's right of way intersect; thence in a northeasterly direction along the northwest side of the Chicago Milwaukee St. Paul and Pacific Railway Company's right of way, to a point where the northwest side of said right of way intersects the north side of said section; thence west along the north side of said section a distance of 4301.5 feet to the point of beginning; containing 232.46 acres, more or less; excepting therefrom a parcel of land containing 32 acres, more or less, described as follows: Beginning at a point where the west side of said section and the northwest side of the Chicago, Milwaukee St. Paul and Pacific Railway Company's right of way intersect; then 2310 feet in a northeasterly direction along the northwest side of the Chicago Milwaukee St. Paul and Pacific Railway Company's right of way to a point on said northwest side of said right of way; thence west and parallel with the north side of said section to the west line of said section; thence south along the west side of said section 2316 feet, more or less to the place of beginning.

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 applicable**

Signature of Owner

Date **December 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.

RECEIVED
JUN 23 1962

STATE ENGINEERING

Journal of Management Education 30(6)p. 789-804

of

(Address)

(Town)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) withdrawn from gravel pit by means of a 10" pipe and a 20 H.P. motor. (2) 2" pipe motor, see diagram for location

commencement and completion of the construction of the well, wells, or other works for with-
groundwater (1) 1955 (2) 1940

8. The depth of water table Approximately ~~xxxx~~ 10 to 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 (1) 10" casing from gravel pit
(2) 2" casing, 20 feet deep

10. The estimated amount of groundwater withdrawn each year

| | |
|-----|-------------------|
| (1) | 1,000,000 gallons |
| (2) | 500,000 gallons |

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

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

Signature of Owner

Date **December 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.

#953

State of Montana }
County of Gallatin } ss.

Filed December 20, 1963

at 2:16 o'clock P. M.

EARL WALTON

COUNTY CLERK & RECORDER

By Paul W. Majors

DEPUTY

Fee \$ 2.00

RECORDED
INDEXED
FEB 21 1964
CLERK OF DISTRICT COURT
GALLATIN COUNTY, MONTANA

T I N R L E

County **GALLATIN**

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

| | |
|-----------|-------------------|
| | |
| I Well #2 | |
| I Well #1 | I Scooped well #3 |

2. The beneficial use on which the claim is based **Drilled Well #1, household and stockwater; Drilled Well #2, stockwater; Scooped well #3, stockwater**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well #1, 1960, daily use year
around; Well #2, 1925, daily use year around;
Well #3, 1930, daily use year around

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1, 50 gallons per minute;
Well #2, 500 gallons per day; Well #2, 500
gallons per day

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

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

Well #1, 7 1/2 feet deep, steel cased, 6-inch casing, 1 horse power pump; Well #2, drilled 60 feet deep, 8-inch steel cased, 1 1/2 horse power pump, 10 inch deep.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well #1, 1968; Well #2, 1925; Well #3, 1930

8. The depth of water table Well #1, 10 feet; Well #2, 10 feet; Well #3, 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well #1, drilled, 6-inch steel cased, 150 feet deep, 1 horse pump; Well #2, drilled, 6-inch steel cased, 40 feet deep, 1/2 horse pump; Well #3, scooped well from which livestock drink direct.

10. The estimated amount of groundwater withdrawn each year Well #1, 450,000 gallons;

Well #2, 200,000 gallons, Well #3, 200,000 gallons

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

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

Signature of Owner

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 to the Appropriator.

25863

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State of Montana (ss.
County of Lincoln)

Dec. 31, 1933

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11.31

File No. _____

T 1N R 1E

DUPLICATE

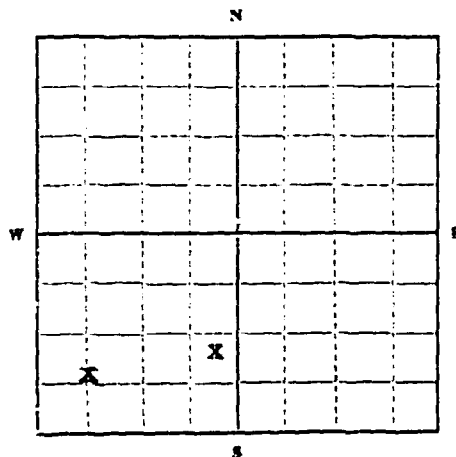
County Gallatin

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Thomas E. Lane of Three Forks
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 4 T1N R1E
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 2 wells - domestic use, building site, irrigation yard and lawn and feed lot. 1 well, live stock and feed lot
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 2 wells - about 40 years - continuous. 1 well about 6 years old - continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 wells - 40 gallons per minute each well. 1 well - 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
2 wells - irrigation of lawn and garden of Thomas E. Lane and Robert D. Lane, owners, 1 well situate approx. 40 rods north and 40 rods east of the southwest corner of Section 4, T1N, R1E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motors and pumps. 2 wells approximately northeast corner of Southwest Quarter of Southwest Quarter, Section 4, T1N, R1E, M.P.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 2 wells - apparently about 40 years old. 1 well - over six years old
8. The depth of water table 2 wells - 6 feet. 1 well - 6 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 casings 2 inch galvanized inner pipe, drilled wells approximately 40 feet deep
10. The estimated amount of groundwater withdrawn each year 3 wells - 3,000,000 gallons
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Thomas E. Lane, one of the owners, makes this declaration on behalf of and as an appurtenance to the property above described and on behalf of the owners, Thomas E. Lane and Robert D. Lane

Signature of Owner Thomas E. LaneDate 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.

35955

1641

Dec 31 1963
149
Earl Walton
COUNTY CLERK & RECORDER
By PK
Pgs 3 20

File No.

STATE WATER CONSERVATION BOARD

T. 1N R. 1E

DUPLICATE

SEP 30 1966

County Gallatin

Bill _____ McDermott _____
 LOG Butcher _____ McNulty _____
 Coyne _____ Norton _____
 Darlington _____ Sullivan _____
 Dickert _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

0-2 clay
 2-9 clay & gravel
 9-16 gravel sand & water
 16-28 gravel sand & water
 28-40 clay
 40-41 sand & water
 41-49 clay
 49-51 water & sand
 51-54 clay
 54-55 sand, gravel & water
 55*bottom of well

Notice of Completion of Groundwater
 Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gale & Mary Thompson Address Box 14
Trident, Mont.

Driller Harold Hulbert Address Route 1, Bozeman

Date of Notice of appropriation of groundwater _____

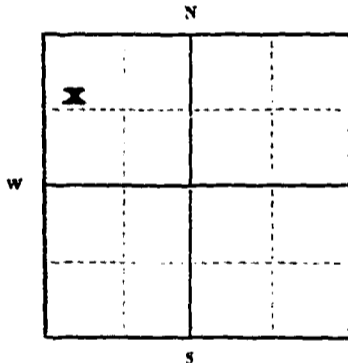
Date well started Sept 16 1966 Date completed September 20, 1966

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

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

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

| Size of Drilled Hole | The and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|--------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | 6 5/8 O.D. | I above | 62 | none | | |



Static Water Level for non-flowing well
7 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 15 feet
 at 50 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested _____

Length of Test 5 hrs

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

NW 1/4 Sec 10, T. 1N, R. 1E.
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

47

Driller's License Number

Harold B. Hulbert
 Driller's Signature

2042

State of Montana { ss.
County of Gallatin {
Filed Sept 29, 1966
at 3:35 o'clock P. M.
Carl L. Stucky
County Clerk & Recorder
By Samuel A. Mapus
Deputy
Fee \$ 20.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF APPROPRIATION OF GROUNDWATER
(Under Chapter 237, Montana Session Laws, 1961, as amended)

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, Murray Gale Thompson, of Box 756 Three Forks
(Name of Appropriator) (Address) (Town)

County of Gallatin, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Lean and Garden Irrigation

(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 100 gallons

Per Minute

The estimated amount of groundwater to be used annually

4. The annual period (inclusive dates) of intended use May 1st to September 15th

5. The probable or intended date of first beneficial use May 1972

6. The probable or intended date of commencement and completion of the well* or wells*

Well was completed in May of 1972

7. The location, type, size and depth of well or wells contemplated 1/4 Sec. 10, T1N., R1E.,

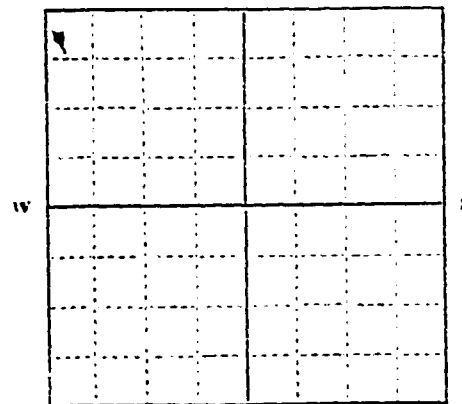
Sand point, 2", 19 feet.

8. The probable or estimated depth of the water-table or artesian aquifer 7'

9. The name, address, and license number of the driller engaged None

10. Give such other similar information as may be useful in carrying out the policy of this act

| For Administrator's Use | |
|-------------------------|---------------------|
| File | <u>2270 1-76-72</u> |
| | <u>7-16-72</u> |



1/4 Sec. 10

T. 1N R. 1E

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

Signature of Appropriator Murray Gale Thompson Date 7-16-72

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.