

175523

STATE OF MONTANA,  
COUNTY OF ROSBUD

Filed on the 4<sup>th</sup> day of July  
1962 at 2:50 o'clock

Howard Lutz  
County Clerk & Registrar

By Ruth M. Brittain  
4222

11/11/62  
Howard Lutz

101 - 108 - 110 - 111 - 112 - 113 - 114 - 115 - 116 - 117 - 118 - 119 - 120 - 121 - 122 - 123 - 124 - 125 - 126 - 127 - 128 - 129 - 130 - 131 - 132 - 133 - 134 - 135 - 136 - 137 - 138 - 139 - 140 - 141 - 142 - 143 - 144 - 145 - 146 - 147 - 148 - 149 - 150 - 151 - 152 - 153 - 154 - 155 - 156 - 157 - 158 - 159 - 160 - 161 - 162 - 163 - 164 - 165 - 166 - 167 - 168 - 169 - 170 - 171 - 172 - 173 - 174 - 175 - 176 - 177 - 178 - 179 - 180 - 181 - 182 - 183 - 184 - 185 - 186 - 187 - 188 - 189 - 190 - 191 - 192 - 193 - 194 - 195 - 196 - 197 - 198 - 199 - 200 - 201 - 202 - 203 - 204 - 205 - 206 - 207 - 208 - 209 - 210 - 211 - 212 - 213 - 214 - 215 - 216 - 217 - 218 - 219 - 220 - 221 - 222 - 223 - 224 - 225 - 226 - 227 - 228 - 229 - 230 - 231 - 232 - 233 - 234 - 235 - 236 - 237 - 238 - 239 - 240 - 241 - 242 - 243 - 244 - 245 - 246 - 247 - 248 - 249 - 250 - 251 - 252 - 253 - 254 - 255 - 256 - 257 - 258 - 259 - 260 - 261 - 262 - 263 - 264 - 265 - 266 - 267 - 268 - 269 - 270 - 271 - 272 - 273 - 274 - 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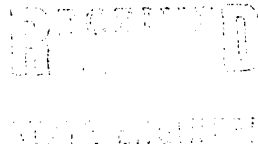
Form No. 18  
8-60

15

T. 1 S. R. 43 E.

County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG


Owner Gifford S. Wood Address Forsyth, Montana

Driller Robert Choate Address Forsyth, Montana

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 15 T. 1 S. R. 43 E.  $\frac{1}{4}$  sec. N.E.

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

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

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

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

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

Perforated or Screened: <sup>well depth 40'</sup> 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 25' feet at \_\_\_\_\_ gal. per min.

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

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

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

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

(over)

173298

STATE OF MONTANA, SS.  
COUNTY OF ROSEBUD)

Filed on the 20<sup>th</sup> day of Dec.

1914 at 2:05 o'clock P.M.

----- J. Howard [Signature]  
County Clerk & Recorder

By: [Signature] J. Howard  
County Clerk & Recorder

96

File No. ....

T-1-S-R-13-B

DUPLICATE

County .....

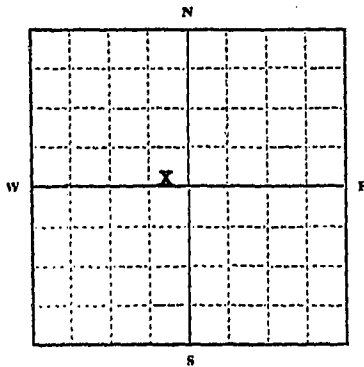
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

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

1. HIGHAM CATTLE COMPANY, of ROUTE 1, PORSYTH  
(Name of Appropriator) (Address) (Town)

County of ROSEBUD 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 16 T-1-S-R-13-B

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...1956
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....30
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
WINDMILL

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...SEPT. 2, 1956
- 8. The depth of water table.....149
- 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 WELL, 152 ft., 1/2 in. CASING  
TANKED FOR STOCK USE
- 10. The estimated amount of groundwater withdrawn each year...1 1/2, 150,000
- 11. The log of formations encountered in the drilling of each well if available...1 1/2 TOP SOIL, 12 SAND  
ROCK, 13 COAL, 3 LIGHT SHALE, 73 SAND BRICK, 3 ROCK, 11 SAND ROCK AND  
WATER (9 gal.); 1 ROCK, 18 SAND WATER (14 gal), 6 SHALE
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....  
RECORDED IN ASC OFFICE

Signature of Owner Higham Cattle Company  
Mr. Jack Higham  
Date Dec. 24, 1963

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

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

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

180309

STATE OF MONTANA, COUNTY  
OF ROSSBURG CO. FILED JAN.  
8, 1954, AT 3 PM, CO. CLERK

*2<sup>nd</sup> fl Edward J. Jit*

File No. ....

T. 1 S. R. 43 E

DUPLICATE

County ROSEBUD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

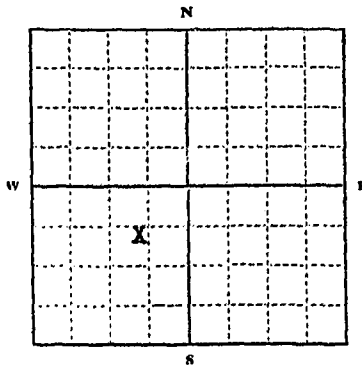
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HIGHAM CATTLE COMPANY, of ROSEBUD, FORSYTH, (Town)  
(Name of Appropriator) (Address)  
County of ROSEBUD State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec. 18 T. 1 S. R. 43 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.....

1955

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

21 gal.

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

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

WINDMILL

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

MAY 17, 1955

8. The depth of water table.....

90

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 WELL, 90 ft., 4 in. CASING  
TANKED FOR STOCK USE

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

2), 70,000

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

6 ft. CLAY, 2 1/2 ft. SANDY, 16 ft. BROWN MUCK, 8 ft. GRAVEL WATER, 4 ft. QUICK SAND, 7 ft. BROWN SANDROCK, 7 ft. GRAY WATER SAND, 8 ft. LIGHT SANDY

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

RECORDED IN THE ASC OFFICE

Signature of Owner.....

*Higham Cattle Company*  
*Mrs. Jack Higham*

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.

30364

180315

STATE OF MONTANA, COUNTY  
OF ROOSEVELT SS. FILED JAN.  
8<sup>th</sup>, 1964, AT 3:40 PM, CO. CLERK

*Wm. J. Galt*  
*By: E. W. Clark, Dep*

Form No. 18  
8-60

T. 1 S. R. 43 E.  
County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Gifford S. Wood Address Forsyth, Montana

Driller Claude Bradley Address Forsyth, Montana

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. \_\_\_\_\_ T. 1S R. 43E.  $\frac{1}{4}$  sec. S.W.

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

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

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

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

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

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ . Ft. \_\_\_\_\_ to ft. \_\_\_\_\_  
well depth 40'

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 22' feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

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

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

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

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

(over)



173297

STATE OF MONTANA  
COUNTY OF ROSEBUD

Filed on the 23<sup>rd</sup> day of Nov

1961 at 2:05 o'clock P. M.

Howard J. C.

County Clerk & Recorder

By Betty M. Fontaine

Deputy

Form No. 18  
8-60

32

T. 1 S. R. 43 E.  
County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Gifford S. Wood Address Forsyth, Montana  
Driller Claude Bradley Address Forsyth, Montana  
Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_  
Location: Sec. 22 T. 1 S. R. 43 E.  $\frac{1}{4}$  sec. N.W.

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

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

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

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

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

Perforated or Screened: <sup>well depth 98'</sup> 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 77' feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

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

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

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

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

(over)

173296

STATE OF MONTANA, SS.  
COUNTY OF ROSBUD,

Filed on the 24<sup>th</sup> day of Dec  
1961 at 2:02 o'clock P.

Howard A. ...  
County Clerk of Rosbud

by Robert D. ...  
Deputy

Form No. 18  
8-60

T. 15 R. 42  
County ROSBUD

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
1963

WATER WELL LOG

STATE ENGINEER


Owner Gifford S. Wood Address Barney, Montana  
Driller Thomas Wood Address deceased  
Date Started 1961 Date Completed 1963  
Location: Sec. 22 T. 15 R. 42  $\frac{1}{4}$  sec. NW 1

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

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

Casing: rocked in from natural sandstone to surface. ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size 6 ft. dia.

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: 56 feet.

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

well depth 64 feet, water level 56 feet  
Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min.

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

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

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

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

(over)

173504

173504

STATE OF MONTANA) SS.  
COUNTY OF ROSEBUD)

Filed on the 6<sup>th</sup> day of Dec.

1961 at 11:30 o'clock A.M.

Sheward J. Junt  
County Clerk & Recorder

By Betty M. Fortin  
Deputy

Form No. 18  
8-60

22

T. 1 S. R. 43 E.

County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER


Owner Gifford S. Wood Address Forsyth, Montana

Driller Clyde Noakre Address Sheridan, Wyoming

Date Started 1916 Date Completed 1916

Location: Sec. 22 T. 1 S. R. 43 E.  $\frac{1}{4}$  sec. NW 1/4

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

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

Casing: 500 ft. to \_\_\_\_\_ ft. Type galvanized steel Size 4 inch

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

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

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

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

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

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

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

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

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

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

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

(over)



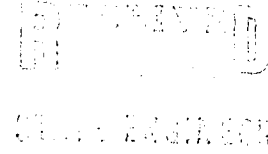
Form No. 18  
8-60

22

T. 1 S. R. 43 E.

County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG


Owner Gifford S. Wood Address Forsyth, Montana

Driller Claude Bradley Address Forsyth, Montana

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

Location: Sec. 22 T. 1 S. R. 43 E.  $\frac{1}{4}$  sec. N.W.

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

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

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

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

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

Perforated or Screened: <sup>well depth 80'</sup> 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 56' feet at \_\_\_\_\_ gal. per min. \_\_\_\_\_

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

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

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

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

(over)





File No.....

T 15 R 413

DUPLICATE

County.....

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.....

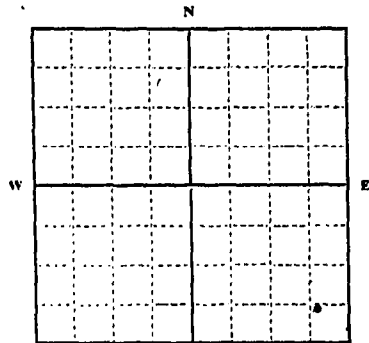
Owner John E. Dodds Address Forsyth Mont

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..... Natural spring



S.E. 1/4 Sec 24 T 15 R 43

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.....

Year around

Signature of Owner..... John E. Dodds

Date Jan 20 1964

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.

180574

STATE OF MONTANA, )  
COUNTY OF ROSEBUD, ) SS

Filed on the 3rd day of Feb  
1914 at 9:30 o'clock PM

Edward Lib  
County Clerk of said County

By Edward Lib  
Deputy

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—40876

24

File No. ....

T. 15 R. 43

DUPLICATE

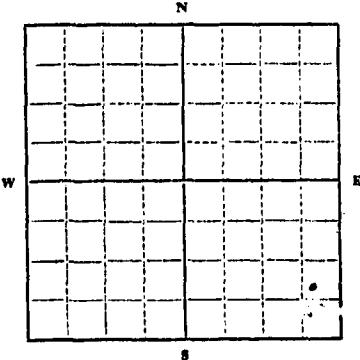
County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John E. Dodds of Forsyth ~~Montana~~  
(Name of Appropriator) (Address) (Town)  
County of Rosebud State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 24, T. 15, R. 43

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute

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

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

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

8. The depth of water table 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. 3 in casing 75 ft casing

10. The estimated amount of groundwater withdrawn each year. 18200.0

11. The log of formations encountered in the drilling of each well if available. drilled by  
oil casing

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 E. Dodds  
Date Jan 20 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.

34807

180572

STATE OF MONTANA, } SS.  
COUNTY OF ROSEBUD }

Filed on the 7<sup>th</sup> day of February  
1964 at 7:30 o'clock P. M.

*Richard J. ...*  
County Clerk & Ex-Officio

*Richard J. ...*  
\$ 2.00

Form No. 18  
8-60

T. 1 S. R. 43 E.

County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Gifford S. Wood Address Forsyth, Montana

Driller Thomas Wood Address deceased

Date Started 1904 June Date Completed 1904

Location: Sec. 28 T. 1S. R. 43 E.  $\frac{1}{4}$  sec. N.E.

Type of well dug Equipment used pick and shovel and windlass  
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

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

Casing: cased with rock ft. to 20 ft. Type \_\_\_\_\_ Size 4 feet diameter

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

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

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

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

Static Water level, for non-flowing well: 18 feet feet.

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

Pumping water level 20 feet at \_\_\_\_\_ gal. per min.

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

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

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

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

(over)



File No. ....

T. 13 R. 43E

DUPLICATE

County. CS. BUD

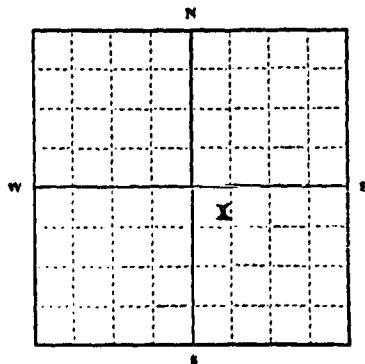
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. HIGHAN CATTLE COMPANY, of ROUTE 1, FCHSYTH  
(Name of Appropriator) (Address) (Town)  
County of ROSEBUD State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



See Sec. 29, T. 13, R. 43 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 FEED
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....1947
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....22 gal.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
WINDMILL

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....PHIL 1947
- 8. The depth of water table.....60
- 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 WELL, 60 feet DEEP, 1 in. CASING
- 10. The estimated amount of groundwater withdrawn each year.....150,000 gal.
- 11. The log of formations encountered in the drilling of each well if available.....  
NOT AVAILABLE
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner.....HIGHAN CATTLE COMPANY  
Mr. Jack Highan  
Date.....Jan 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.



180317

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS- FILED JAN.  
8, 1964, AT 3-pM, CO. CLERK

2<sup>nd</sup> Pd Howard Fair

Department of Natural Resources and Conservation  
 Water Resources Division  
 Engineering Bureau  
 Groundwater Section  
 Sam W. Mitchell Building  
 Helena, Montana 59601

Owner Mr. Harold Sprague  
 Address Rt. 1, Forsyth, MT 59327  
 Location T. 1S R. 43E Sec. 30  
 Doc. No. 334

ROSEBLUD

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide information where lacking, as indicated in red on the attached form.

Thank you.

RECEIVED

JUL 16 1973

MONTANA DEPARTMENT OF NATURAL  
 RESOURCES AND CONSERVATION

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other \* Garden/Lawn

\*Describe .....

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

ESTIMATED ANNUAL WITHDRAWAL .....

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	4" Heavy Duty Plastic	top	85 ft.	None		

Static water level ..... 70 ft.\*  
 Pumping water level ..... 80 ft.\*  
 at ..... 1.5 gallons per minute,  
 measured ..... minutes after pumping  
 began.  
 \*Measured from ground level.  
 Well developed by Blowing  
 for ..... 2 hours.  
 Power..... Pump..... HP  
 Remarks: (Gravel packing, cementing,  
 packers, type of shutoff) .....

NE 1/4 SE 1/4 Sec. 30  
 T. 1S N. R. 43 (E) 2  
 (S) W

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

Driller's Signature Earl Hensley

Driller's Address Broadus, Montana

..... LICENSE NO. 205 ..... 120 Show exact depth of bottom

50,396



STIMATED ANNUAL COST OF WELL  
 and Address)  
 \*Describe state number of well  
 Water Use: Domestic  Industrial  Municipal  Drainage   
 Equipment used \_\_\_\_\_  
 Type of well \_\_\_\_\_  
 completed 5/19/69  
 Date well started 5/19/69  
 Address \_\_\_\_\_  
 Owner \_\_\_\_\_  
 12314 Sprague  
 Box #1 Rosebud, Montana  
 For Administrator's File  
 334  
 8/17/1970  
 GW 1  
 This form to be prepared by driller, and three copies to be filed in the County Clerk and Recorder in the county in which the well is located. If not applicable, so state, otherwise the form may be returned.  
 Under Chapter 237 Montana Session Laws, 1961, as amended)  
 Developed after January 1, 1962  
**NOTICE OF COMPLETION BY MEANS OF WELL**  
 ADMINISTRATOR OF GROUNDWATER RESOURCES BOARD  
 STATE OF MONTANA

DATE OF MONTANA) ss.  
 COUNTY OF ROSEBUD)  
 on the 17<sup>th</sup> day of July  
 1969 at 3:30 o'clock P.M.  
 I, Lawrence J. ...  
 County Clerk & Recorder  
 do hereby certify that the above  
 is a true and correct copy of the  
 original as filed in my office  
 on the above date.  
 12.00

334

DEPT. OF AGRICULTURE  
 DISTRICT  
 212/23  
 212/23

Indicate presence of gravel deposits







File No. ....

T. 18. R. 43 E.

DUPLICATE

County ROSEBUD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 28 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

HAROLD HOWARD SPRAGUE FORSYTH, MONT

Contractor (if any) None

Address of Contractor .....

Spring in use since 1914

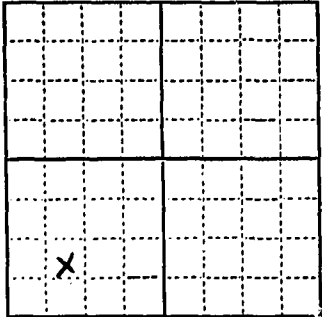
Date Started..... Date Completed.....

improved and installed 300 feet pipe in 1957

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

water when applicable. from spring to tank use

about 300 feet 2 inch pipe



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.....

Sec 31 T. 18. R. 43 E.

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

spring is used mostly year around runs about 4 gallons water per minute.

Signature of Owner Harold J. Sprague

Date Dec. 23 - 1963

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

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

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

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



179652

STATE OF MONTANA, ss.  
COUNTY OF ROSEMUND

Filed on the 23 day of December

1963 at 4:45 o'clock P.M.

Howard Fish  
County Clerk & Ex-Officio

By \_\_\_\_\_ Deputy  
202

34

File No. ....

T. 15 R. 43 E

DUPLICATE

County Rosebud

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1930

Owner Greenleaf Land & Livestock Corp. Address Forsyth

Contractor (if any) none

Address of Contractor none

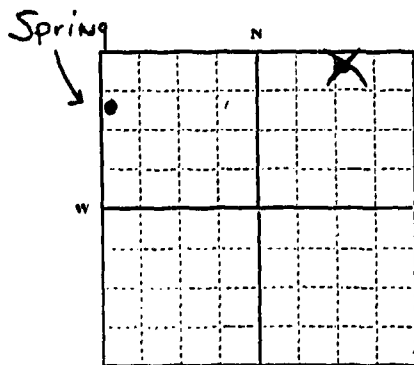
Date Started..... Date Completed.....

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

used by this corporation since about 1930. Water is boxed and piped into a tank. This was done about 1954

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. Spring runs about 1/4 gal. per minute.



NW 1/4 NW Sec 34 T. 15 R. 43 E  
Indicate point of appropriation and place of use, if possible.

Signature of Owner Greenleaf Land & Livestock Corp. by Malcolm M. Park

Date 9 December, 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.

179457

STATE OF MONTANA, } ss.  
COUNTY OF ROSEBUD }

Filed on the *22<sup>nd</sup>* day of *December*  
19*44* at *2:30* o'clock *P.*M.

*Howard J. Fisher*  
County Clerk & Ex-Officio  
By *Alvin James Haffel*  
Deputy

RECORDED  
INDEXED  
DEC 22 1944  
COUNTY CLERK





File No. ....

T. 15th R. 44 East 2

DUPLICATE

County Roseland

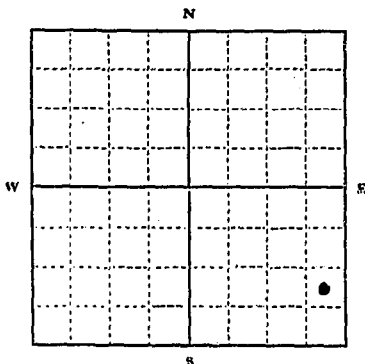
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen M. Viall, of Tongue River at Miles City  
(Name of Appropriator) (Address) (Town)  
County of Roseland State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T. 15R. 44E

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

- The beneficial use on which the claim is based. stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been. May 1952
- The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump and windmill
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 1952
- The depth of water table. 30 ft
- 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 1/2 inch drop pipe 45 ft four inch casing 40 ft
- The estimated amount of groundwater withdrawn each year. 950,000
- The log of formations encountered in the drilling of each well if available. not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. all surface shall & gravel

Signature of Owner Glen M. Viall  
Date Dec 24 '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.

180165

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS. FILED JAN.  
20, 1964, AT 8:00 AM, CO. CLERK

*Edward Lutz  
Edw. Club, Sdy.*

*RECEIVED  
JAN 21 8 13 AM '64*

*180165*

*180165*

*180165*

*180165*

*180165*

*180165*

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

T. 1 S. R. 14 E

DUPLICATE

County ROSEBUD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

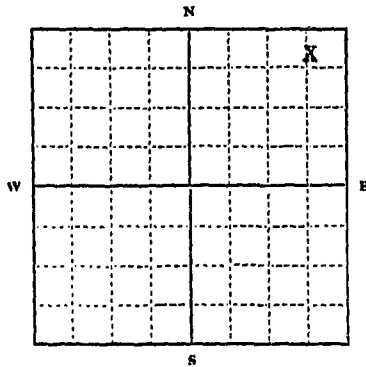
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HIGHWAY CATTLE COMPANY, of ROUTE 1, PERSEPH (Town)  
(Name of Appropriator) (Address)

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



NE 1/4 NE Sec 5 T. 1 S. R. 14 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.....1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....16 gal.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....1946

8. The depth of water table.....80

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 well, 80 feet deep, 7 in. casing

10. The estimated amount of groundwater withdrawn each year.....120,000 gal.

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

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

Signature of Owner.....HIGHWAY CATTLE COMPANY

Mr. Jack Graham  
Date.....5-31-63

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.



180300

STATE OF MONTANA, COUNTY  
OF HILLSBORO, FILED JAN.  
8, 1964, AT 3-p.m., CO. CLERK

*2<sup>nd</sup> Pd Howard Zeit*

File No. ....

T. 13 R. 44 E

DUPLICATE

County ROSEBUD

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

JAN 10 1964

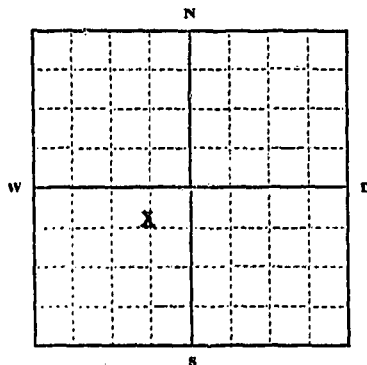
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, HIGHA CATTLE COMPANY, of ROUTE 1, ROSBYTH (Name of Appropriator) (Address) (Town)

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



NE  $\frac{1}{4}$  SW Sec. 6 T. 13. R. 44. 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 1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1954
8. The depth of water table 210 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 Well, 210 ft. Deep, in casing
10. The estimated amount of groundwater withdrawn each year 100,000 gal.
11. The log of formations encountered in the drilling of each well if available NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including references to book and page of any county record

Signature of Owner HIGHA CATTLE COMPANY

Mrs. Jack Hyman  
 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.

30346

180297

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS. FILED JAN.  
8, 1964, AT 3-pm, CO. CLERK

*2<sup>nd</sup> pd Howard Jait*

File No. ....

T. I. S. R. L. E.

DUPLICATE

County ROSEBUD

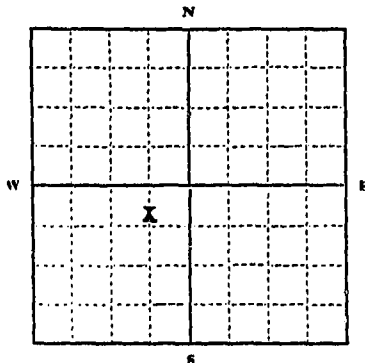
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

JAN 10 1964  
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, HIGGAN CATTLE COMPANY, of ROUTE 1, ROSEBUD  
 (Name of Appropriator) (Address) (Town)  
 County of ROSEBUD State of MONTANA  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 7, T. 1 S. R. 14 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 1944
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 24 gal.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
WINDMILL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1944

8. The depth of water table..... 70

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater..... DRILLED WELL, 70 FEET 4 in. casing

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

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

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

Signature of Owner HIGGAN CATTLE COMPANY  
Mr. Jack Hagan  
 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.

30348

180299

STATE OF MONTANA, COUNTY  
OF MISSOULA CO. FILED JAN.  
8, 1964, AT 3 - PM, CO. CLERK

*2<sup>nd</sup> Pd Howard Zeit*

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

T. J. S. R. H. E.

DUPLICATE

County... BOZEMAN

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

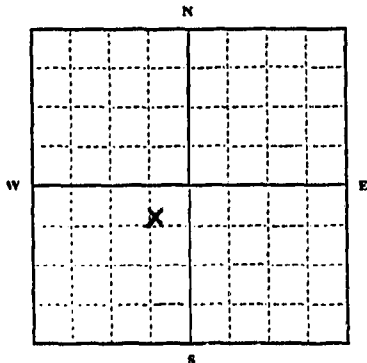
(Under Chapter 237, Montana Session Laws, 1961)

JAN 10 1964

STATE ENGINEER

1. HIGHLAND CATTLE COMPANY, of ROUTE 1, BOZEMAN (Town)  
 (Name of Appropriator) (Address)

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



NE 1/4 SW Sec. 10, T. 13 R. 41 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...  
WELL WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
1944

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
1944

8. The depth of water table...  
75 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 Well, 75 feet, 4 in. casing

10. The estimated amount of groundwater withdrawn each year...  
140,000 gal.

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

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

Signature of Owner...  
[Signature]

Date...  
Jan 21, 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 to the Appropriator.

30350

180301

STATE OF MONTANA, COUNTY  
ROSEBUD SS. FILED JAN.  
8, 1964, AT 3 - M, CO. CLERK

2<sup>nd</sup> pd *Howard Tait*

File No. ....

DUPLICATE

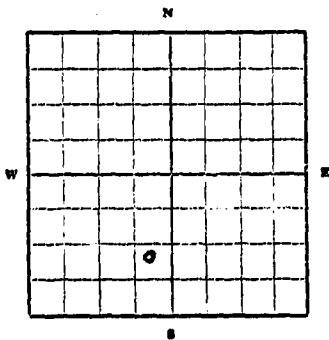
T. 1 South R. 44 East  
County. Rosebud

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

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

1. Glen McViall of Tongue River Miles City  
(Name of Appropriator) (Address) (Town)  
County of Rosebud State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 11, T. 1 S. R. 44 E

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

- The beneficial use on which the claim is based stock water
- Date or approximate date of earliest beneficial use; and how continuous the use has been Dec 31 1959
- The amount of groundwater claimed (in miner's inches or gallons per minute) 90 gallons per minute
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal artesian flow
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 30 1969 to Dec 31 1969
- The depth of water table flow
- 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 700 ft 2 inch casing
- The estimated amount of groundwater withdrawn each year 5,256,000
- The log of formations encountered in the drilling of each well if available 4 1/4 inch, 2 ft gravel, 3 ft blue shale, 26 ft sand, 4 ft blue shale, 17 ft sand, 162 ft blue shale, 1 ft hard rock, 128 ft grey shale, 4 ft hard rock, 18 ft sandstone, 67 ft blue shale, 1 ft 8 inch wash sand
- 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 Glen McViall  
Date Dec 24 1963

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

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

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



180167

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS. FILED JAN.  
2nd, 1964, AT GREAT FALLS, CO. CLERK

*David Latt  
Sgt. Ellen Clark, Dep*

*MR. J. H. ...*

*...*

*...*

*...*

*...*

File No. ....

DUPLICATE

T. 1 South R. 44 E.  
County Rosebud

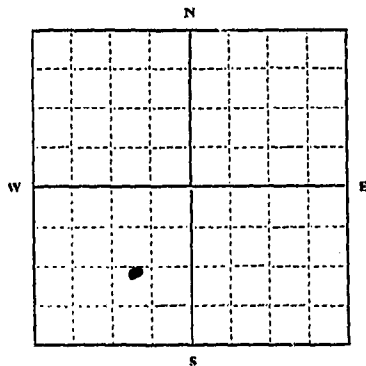
RECEIVED  
JAN 6 1964

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Glen M Siall, of Tongue River Pt Miles City,  
(Name of Appropriator) (Address) (Town)  
County of Rosebud State of Mont  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 12 T. 15 R. 44 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 steady since May 1932
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal wind mill SW 1/4 Sect 12 T. 15 South 44 E. 50 ft

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1962
8. The depth of water table 30 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 40 ft of 1 1/2 inch drop pipe trench casing
10. The estimated amount of groundwater withdrawn each year 350,000
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record all surface strata & gravel

Signature of Owner Glen M Siall  
Date Dec 24 1963

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

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

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

180166

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS. FILED JAN.  
*Jan*, 1964, AT *Bozeman*, CO. CLERK

*James L. Clark*  
*by: Ellen Clark, Rep*

File No. ....

T. 18 R. 143

DUPLICATE

County ROSEBUD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

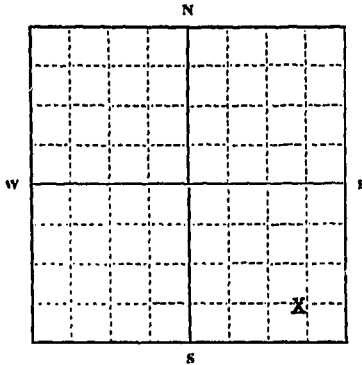
Declaration of Vested Groundwater Rights JAN 10 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. HIGHAM CATTLE COMPANY, of ROUTE 1, FORSYTH,  
(Name of Appropriator) (Address) (Town)

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



SEE SEC. 18 T. 18 R. 143  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1954

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

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

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

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

8. The depth of water table.....  
90

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 well, 90 ft. deep, 4 in. casing

10. The estimated amount of groundwater withdrawn each year.....  
160,000 gal.

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

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

Signature of Owner.....  
HIGHAM CATTLE COMPANY  
Mr. Jack Higham  
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.

60375

180296

STATE OF MONTANA, COUNTY  
OF ROSEBUD SS. FILED JAN.  
8, 1964, AT 3-pm, CO. CLERK

2<sup>nd</sup> Pd Howard Zeit

19

File No. ....

T. 13 R. 44 E

DUPLICATE

County ROBERTS

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1921

Owner Higham Cattle Co. Address Forsyth, Mont.

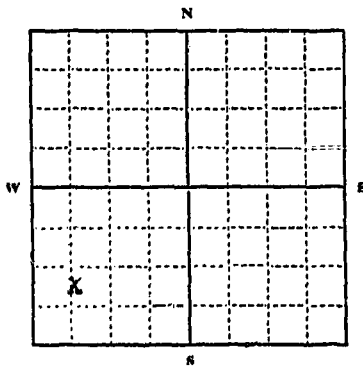
Contractor (if any) self

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. Collecting pipe and Tank

Work was done on this spring in 1951



SE 1/4 Sec. 19, T. 13 R. 44 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 7 months a year

Signature of Owner Higham Cattle Company

Mr. Jack Higham

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.

180318

STATE OF MONTANA, COUNTY  
ROSEBUD SS. FILED JAN.  
8 1964, AT 3 P.M., CO. CLERK

*2<sup>nd</sup> fl Howard Zeit*

File No. ....

T. 1 S. R. 44 E

DUPLICATE

County Rosebud

SW

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

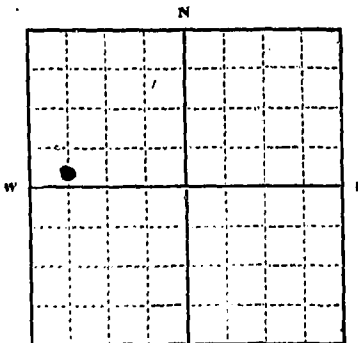
Date of Appropriation of Groundwater 1930

Owner Greenleaf Land & Livestock Corp.  
Address Forsyth

Contractor (if any) none

Address of Contractor none

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



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

a running creek thru about  
1 1/2 miles of our pasture.

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.....

Impossible to measure the  
amount as it is not captured  
in any way.

Signature of Owner Greenleaf Land & Livestock Corp.  
Melvin M. Rae

Date 9 December 1963

SW 1/4 NW Sec 25, T. 1 S. R. 44 E  
Indicate point of appropriation  
and place of use, if possible.

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.



179456

STATE OF MONTANA,  
COUNTY OF ROSEBUD)

Filed on the 12th day of December

1910 at 2:10 o'clock

Howard J. Smith  
County Clerk & Recorder

By David J. Smith  
Notary

RECORDED  
INDEXED  
DEC 15 1910  
COUNTY OF ROSEBUD

28

File No. ....

T. 15 R. 44

DUPLICATE

County .....

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.....

Owner *John E. Dadds* Address *Fourth Mont*

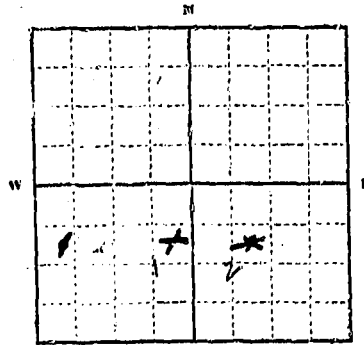
Contractor (if any) .....

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.

*Natural Springs*



S. 1/2 Sec. 28 T. 15 R. 44

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.....

*year around*

Signature of Owner *John E. Dadds*

Date *Jan 20 1964*

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.

180573

STATE OF MONTANA, ss.  
COUNTY OF ROSSBURG)

Filed on this 24 day of Feb

1964 at 2:30 o'clock P

Harold J. Kirk  
County Clerk & Recorder

By Edwin Clark  
Deputy

File No. ....

T. 15 R. 112

DUPLICATE

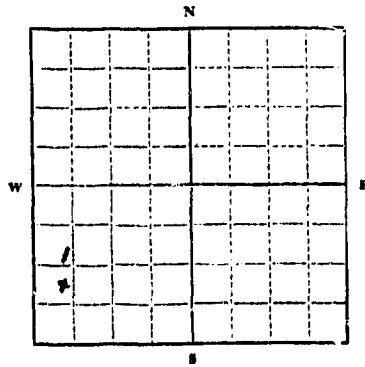
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John E. Dodds, of Forsyth  
(Name of Appropriator) (Address) (Town)  
County of Rosebud State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 28 T15 R44

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  
+ - street water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1 - 1948  
+ - 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 - 15 gal 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: not used to irrigate

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: 1 - 1948 + - 1947

8. The depth of water table: 1 - 50 ft + - 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: 1 - 4 in casing 56 deep  
+ - 3 in casing 72 ft casing

10. The estimated amount of groundwater withdrawn each year: 1 - 54,750 + - 50,000

11. The log of formations encountered in the drilling of each well if available: 1 - not available  
+ - drilled by oil test crew

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 known

Signature of Owner: John E. Dodds  
Date: Jan 26 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.