

GW:

File No. _____

DUPLICATE

County Garfield

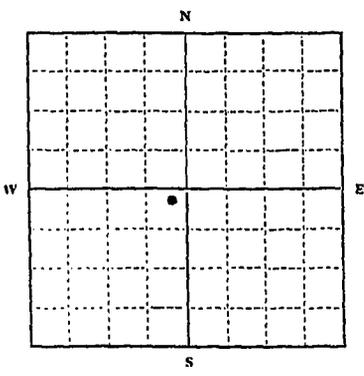
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Jim J. Morrison of Jordan
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NESU 1/4 Sec. 31 T. 19 R. 41

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

2. The beneficial use on which the claim is based. Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1924
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15 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. none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1924
8. The depth of water table. 5'
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. 128' Deep 11" casing
10. The estimated amount of groundwater withdrawn each year. 25,000
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. none

Signature of Owner. Jim J. Morrison
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.

535

125192

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec.
A. D. 1963 at 8:32 clock A M.

Charles S. Langford
County Clerk and Recorder
By Marvin R. James
Deputy

Fee Paid \$ 2.00

ml
INDEXED
cs

File No.

T. 19 N. R. 41 E

DUPLICATE

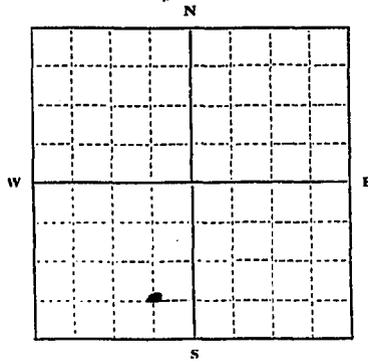
County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

1. Jim J. Morrison, of Jordan
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESW 1/4 Sec 32 T. 19. R. 40

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 Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1924

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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. None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1924

8. The depth of water table. Natural flow

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. 70' Deep 3' casing

10. The estimated amount of groundwater withdrawn each year. 2,000,000

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. None

Signature of Owner Jim J. Morrison

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.

530

125187

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1963 at 8:27 o'clock A. M.
Charles E. Langhammer

County Clerk and Recorder
By Marion A. James
Deputy

Fee Paid \$ 2.00

INDEXED ML
FILED ML

T. 19N R. 41E

33

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Charles McRae Address Jordan, Montana

Driller Carl Jerrel Address Miles City, Montana

Date Started 7/20/61 Date Completed 7/21/61

Location: Sec. 33 T. 19N R. 41E 1/4 sec. SE 1/4

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 0 ft. to 150 ft. Type Galvanized Size 2 1/2 inch

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

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

Perforated or Screened: Ft. 90 to ft. 150 Ft. _____ to ft. _____

Type of screen or perforations slots

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

Shut-in pressure, for flowing well: 5 gals per minute 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)

332

File No.

T. 19 N. R. 41 E

DUPLICATE

County Garfield

F.W.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

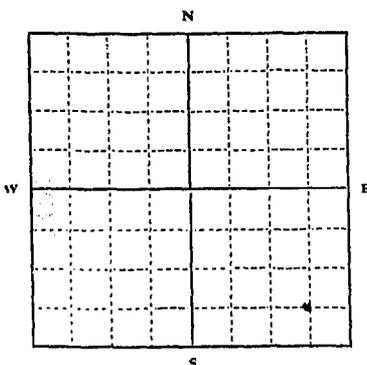
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles McRae, of Jordan
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 33 T. 19. R. 41.

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

- 2. The beneficial use on which the claim is based livestock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961
- 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 Flow

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961

8. The depth of water table 20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 150 ft 2 1/2 gal

10. The estimated amount of groundwater withdrawn each year Shut off in winter

11. The log of formations encountered in the drilling of each well if available log 65' ...

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 Log 65' ...

Signature of Owner Charles M. Rae
Date Dec 26 1963

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

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

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

14755

301

124952

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 27 day of Dec.

A. D. 1927 at 11:35 o'clock A. M.
Charles E. Langham
County Clerk and Recorder

By Thomas B. James
Deputy

Fee Paid \$ 2.00

INDEXED mj
FILED led



RECEIVED

19N-42E

JAN 18 1973

County DeWitt

DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
1	23	Sandy SHALE
15	25	CLAY
25	140	SHALE
140	160	SAND
160	230	SHALE
230	305	SAND

Owner Ross BILLINGS

For Administrator's Use

Address JORDAN

File 588; 138433

MONT

Date Jan 17, 1973

Date well started DEC 17

GW 2:30 p.m.

1972 completed DEC 19

Type of well DRILLED

(Dug, driven, bored or drilled)

Equipment used ROTARY

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

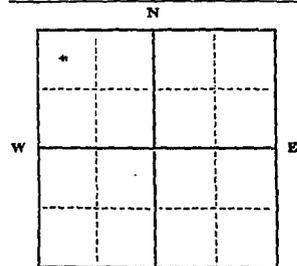
Industrial Drainage Other * Garden/Lawn

*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)
<u>1 1/4</u>		<u>1</u>	<u>63</u>			
<u>4 1/2</u>		<u>63</u>	<u>305</u>			
	<u>3"</u>	<u>1</u>	<u>237</u>	<u>1/4</u>	<u>237</u>	<u>300</u>
	<u>2"</u>	<u>237</u>	<u>300</u>	<u>3/8</u>		



Static water level Flow ft.*
Pumping water levelft.*
at 55 gallons per minute,
measuredminutes after pumping began.

*Measured from ground level.

Well developed byhours.
forhours.

Power..... Pump..... HP

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

CEMENTING WITH VALVE

NW 1/4 NW 1/4 Sec. 3
T. 19 N R. 42 E

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

Driller's Signature Diane Drilling Inc.

Driller's Address Jordan Mont

LICENSE NO. 29

305 Show exact depth of bottom

888
138433

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17th day of Jan
A. D. 19 13 at 2:30 o'clock P. M.
Charles E. Pongburn
County Clerk and Recorder

By Jo Ann Stanton
Deputy

Fee \$5.00 2.00

INDEXED Gas
FILED Gas

File No.

T. 19^N R. 42^E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

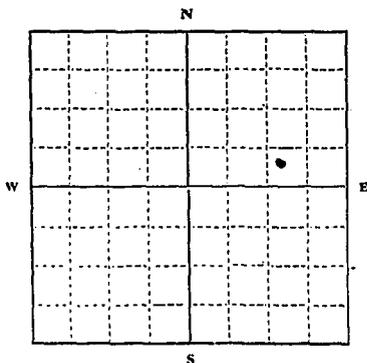
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert & Hazel Z. Kern, of Jordan
(Name of Appropriator) (Address) (Town)

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



SENE 1/4 Sec. 3 T. 19 R. 42

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 Gal Per Minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915

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 300

10. The estimated amount of groundwater withdrawn each year 7,500

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 12-16-63

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

11460

181

124749

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana, on
this 16 day of Dec.

A. D. 1913 at 1:30 o'clock P.

Charles E. Langbein
County Clerk and Recorder

Marion S. James
Deputy

Fee Paid \$ 2.00

MJ
lls

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED

19N-42E
County GARFIELD

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

APR 27 1971

Developed after January 1, 1962

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

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

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

Owner John W. Billing
Address Jordan MONT.
Date well started 4-16-71 completed 4-17-71
Type of well drilled
Equipment used NOTARY
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use	
File	<u>136344</u>
	<u>April 22, 1971</u>
	<u>1:30 P.M.</u>
GW 1	

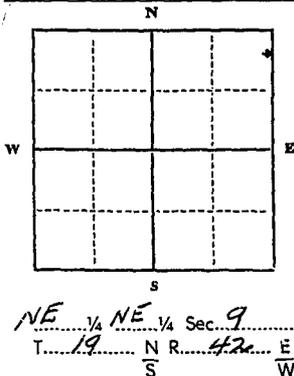
Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
1	16	SAND & GRAVEL
16	19	CLAY
19	24	SHALE
24	28	ROCK
28	140	SHALE
140	163	SAND
163	190	SHALE
190	325	SAND

*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)
<u>4 1/4 in.</u>	<u>3 in. 8 lb.</u>	<u>1</u>	<u>320</u>	<u>5 1/2 in.</u>	<u>260</u>	<u>320</u>



Static water levelft.*
Pumping water levelft.*
atgallons per minute,
measuredminutes after pumping
began.
*Measured from ground level.
Well developed by
forhours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) NAIVE

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

Driller's Signature James D. Billing
Driller's Address Jordan MONT.
LICENSE NO. 29

Show exact depth of bottom

48395

119375

866

136344

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 23rd day of April

A. D. 1971 at 1:30 o'clock P.M.

Charles E. Langston
County Clerk and Recorder

Fee Paid \$ 2.00

~~CEP~~
~~MLM~~

Owner JOHN W. GUILLET

Address TARDAN

Mont

Date well started 4-16-71

completed 4-17-71

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

Equipment used AOTARY
(Name of firm, 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 Core	From (feet)	To (feet)	PERFORATIONS	
				Kind and Size	From (feet) To (feet)
<u>4 1/2 in.</u>	<u>3 in.</u>	<u>1</u>	<u>320</u>	<u>5107 ft</u>	<u>260</u>
<u>2 in.</u>	<u>2 in.</u>				<u>320</u>

136344
290335
A B N D

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962:

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

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

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

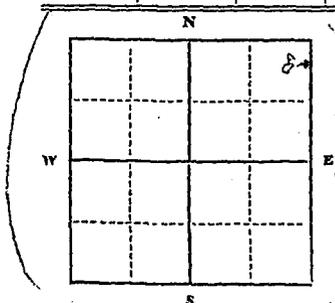
Owner John W. Billing
Address Jordan
MONT.
Date well started 4-16-74 completed 4-17-74
Type of well drilled
Equipment used NOTARY
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 136344
April 22, 1974
1:30 PM

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
1	16 SAND & GRAVEL
16	19 CLAY
19	24 SHALE
24	28 ROCK
28	100 SHALE
100	143 SAND
143	190 SHALE
190	335 SAND

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>4 1/4 in.</u>	<u>3 in. 8 lb.</u>	<u>1</u>	<u>320</u>	<u>5 1/2 in.</u>	<u>260</u>	<u>320</u>



Static water level 15.1 ft.*
Pumping water level Flows ft.*
at 2.0 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) U.A.I.C.

NE 1/4 NE 1/4 Sec. 9
T. 19 N. R. 42 E.

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

Driller's Signature John W. Billing
Driller's Address Jordan
MONT. LICENSE NO. 29

Show exact depth of bottom

File No.

T. 19^N R. 42^E

13

DUPLICATE

County. Greenfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.

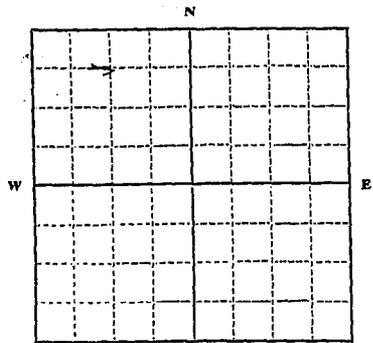
Owner John Bean Address Jordan

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. unfenced Springs



NE 1/4 Sec. 13 T. 19. R. 42

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 John Bean

Date Dec 10 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.

File No. _____

T. 19ⁿ R. 42^e S. 13

DUPLICATE

County Grant-Peak

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

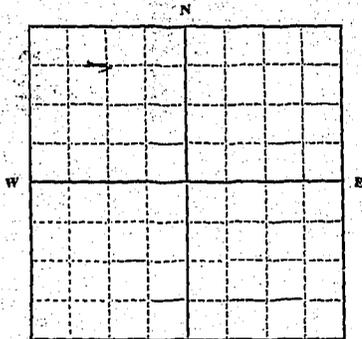
Owner John Kern Address Jarden

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. unimproved Springs



NE 1/4 Sec. 13 T. 19 R. 42

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 John Kern

Date Dec 10 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.

11488

209

124777

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Deeds in County, State of Montana,
this 17 day of Dec.

A. D. 1915

Charles E. Langhorne
County Clerk and Recorder

B. *Marian G. James*
Deputy

Fee Paid \$ 2.00

mj
RECORDED
INDEXED

File No.

T. 19th R. 42 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

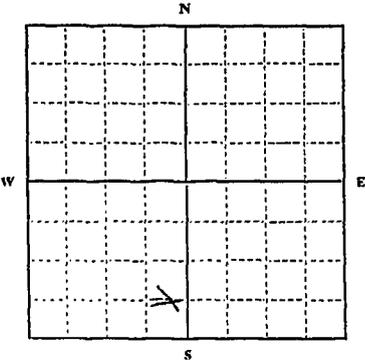
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, John Kerr, of Jordan,
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESW 1/4 Sec. 14 T. 19 R. 42
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 Stockwater
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1961
- The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal 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
- The means of withdrawin gas engine water from the ground and the location of each well or other means of withdrawal
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961
- The depth of water table 80'
- 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 240'
- The estimated amount of groundwater withdrawn each year 500,000
- 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

Signature of Owner John Kerr
Date Dec. 17, 1963

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

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

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

11486

207

124775

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17th day of Dec

A. D. 1963 1135 P. M.

Charles E. Pughman
County Clerk and Recorder

Marian B. Jones
Deputy

Fee Paid \$2.00

M. J. [Signature]
Notary Public
State of Montana

File No.

T. 19 N. R. 4 E

DUPLICATE

County Hartfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner J. L. Jones Address Jordan

Contractor (if any)

Address of Contractor

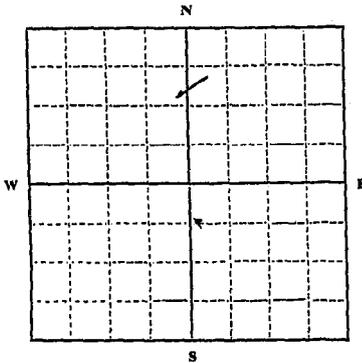
Date Started..... Date Completed.....

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

Spring

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.....



NE 1/4 Sec. 16 T. 19 R. 4 E

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

Signature of Owner J. L. Jones

Date Dec 10 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.

File No.

T. 19 N. 4 E.

DUPLICATE

County Sanfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Johann Jordan Address Jordan

Contractor (if any)

Address of Contractor

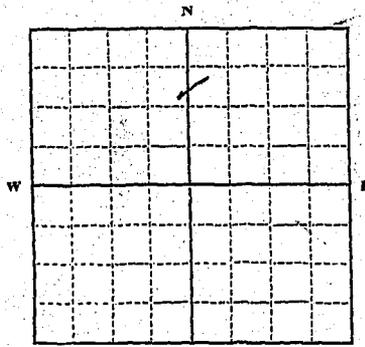
Date Started..... Date Completed.....

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

Surface
unpaved spacing

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.....



NENW 1/4 Sec. 16 T. 19 R. 4

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

Signature of Owner Johann Jordan

Date Dec 10 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.

208

124776

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17 day of Dec

A. D. 1927 at 11:40 o'clock P. M.

Charles E. Pennington
County Clerk and Recorder

B. Marion H. Davis
Deputy

Fee Paid \$ 3.00

ml
led
INDEXED
FILED

135182

File No.

MONTANA WATER RESOURCES BOARD
RECEIVED

T. R.

DUPLICATE

MAY 13 1970

County Harfield

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

Owner: KERR RANCH Address: Jordan Mont.

Driller: Dean Drilling Service Address: Jordan Mont.

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

Date well started 4-8-70 Date completed 4-10-70

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

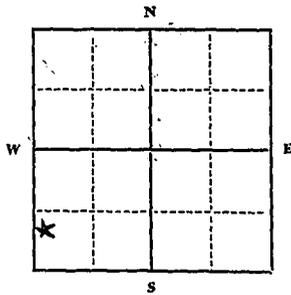
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground
1- 40 gravel
40- 42 coal
42- 165 shale
165- 168 rock
168- 270 shale
270- 307 sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4 in.	805 ft.	1	294	Slotted	252	294
	4 1/2 in.					
4 1/2 in.	189 ft.					
	3 in.					
	8 in.					

No. 135182
for record
on 8 day of May
A. D. 19 70, at 11:50
o'clock a.M.



Static Water Level for non-flowing wellfeet.

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

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

Discharge in gal. per min. of flowing well
10

How Tested.....

Length of Test.....

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

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.

29
Driller's License Number

Dean Drilling Service
Driller's Signature.
16438

844
135182
G. F. Well
Here Ranch
to
Public, the

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana
this 8th day of May

A. D. 19 70 at 11:50 o'clock A. M.

Charles E. Gungerson
County Clerk and Recorder

Delpha E. Armstrong
Deputy

Paid \$ 2.00

File No.

T. 19^N R. 42^E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

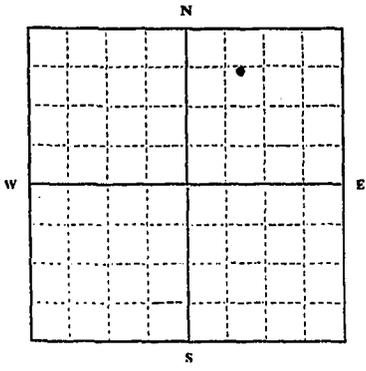
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Kern of Jordan
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based Home +
Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1938

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

NW 1/4 Sec. 16 T. 19 R. 42

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1938

8. The depth of water table. Flowing

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 200' Deep

10. The estimated amount of groundwater withdrawn each year. 12,000,000

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

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

Signature of Owner John Kern

Date Dec. 17, 1963

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

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

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

11485

206

124774

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 17th day of _____

A. D. 1963 1:30 PM

Charles E. Rayburn
County Clerk and Recorder

By *Marek H. Jones*
Deputy

Fee Paid \$ 2.00

mky
m.k.

34

File No. _____

T. 19N R. 12E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 23 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ross A. Billing of Van Norman
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 SE 1/2 Sec. 34 T. 19N R. 12E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1952 constant

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1952

8. The depth of water table. 120 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 60 feet of 4 inch casing and cut down to 3/4 inch pipe, flowing well 120 feet deep

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 Ross A. Billing
Date _____

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

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

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

181610

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 5th day of March

A. D. 1962 at 9:15 o'clock A. M.

Clara B. Regan
County Clerk and Recorder

By _____
Deputy

Fee Paid \$ 2.00

cc to
Montana Bureau of Mines and Geology
Butte, Montana
cep

GARFIELD COUNTY
Jordan, Montana
February 24, 1966

STATE WATER CONSERVATION BOARD

FEB 28 1966

Bill	_____	McDermott	_____
Bur	_____	McNulty	_____
Co. Jc	_____	Morton	_____
Dartinton	_____	Sullivan	_____
Dickert	_____		_____

State Engineer
Helena, Montana

Gentlemen:

Please correct the location of a water well for Ross A. Billing of Van Norman, Montana. Filed in the office of the County Clerk & Recorder in Garfield County, March 5, 1962 at 9:15 o'clock A. M. Number 1 Reception Number 121382. The location of this well is NE $\frac{1}{4}$ NW $\frac{1}{4}$ of Sec. 3 TWP. 19 North Range 42 East M. P. M.

Thank You

Charles E. Pangburn
Charles E. Pangburn
County Clerk & Recorder
Garfield County, Montana

cc to
Montana Bureau of Mines and Geology
Butte, Montana

cep

135181

34

File No.

MONTANA WATER CONSERVATION BOARD
RECEIVED

T. R.

DUPLICATE

MAY 18 1970

County Garfield

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

Owner KEITH PANCH Address Jordan, Mont.

Driller Dean Drilling Service Address Jordan Mont.

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

Date well started 4-6-70 Date completed 4-8-70

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Top of Ground

(Elev. above sea level.....)

1- 20 gravel
20- 35 shale
35- 38 coal
38- 145 shale
145- 147 rock
147- 325 shale
325- 365 sand

135181

Filed for record
this 8 day of May
A. D. 19 70, at 11:46
o'clock A.M.

NE 1/4 NW Sec. 34 T. 19 R. 42

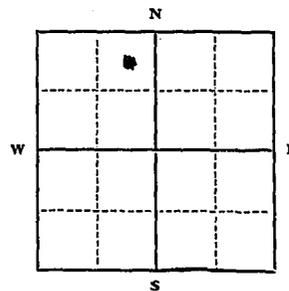
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

.....(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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2 in.	3 in. 8 lb.	1	336	5107c d 1/2 x 3 in.	296	336
4 1/2 in.						



Static Water Level for non-flowing wellfeet.

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

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

Discharge in gal. per min. of flowing well 7

How Tested.....

Length of Test.....

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

29
Driller's License Number

Dean Drilling Service
Driller's Signature.

46439

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.

843
135781
G. W. Well
Kerr Ranch
to
Public, the

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana.

this 25 day of May

A. D. 1910 at 11:45 o'clock A. M.

Charles E. Pangburn
County Clerk and Recorder

By Alfred E. Montgomery
Deputy

Fee paid \$ 2.00

19

File No.

T. 18 R. 30

DUPLICATE

RECEIVED
JAN 6 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

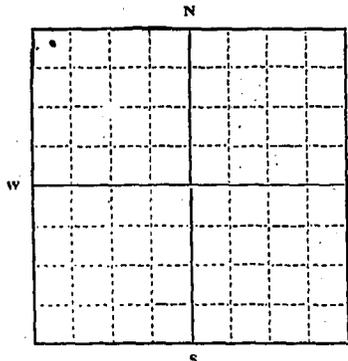
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maxine Matorich, of Mosby
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 19, T. 18, R. 30

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.....
Home + Ranch

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Constantly since it was drilled 1946

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

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.....
Flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Drilling began Nov. 11, 1946 finished Nov. 22, 1946

8. The depth of water table.....
24.0 ft is total depth

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 1/2 in steel galvanized pipe

10. The estimated amount of groundwater withdrawn each year.....
65,700 Gals

11. The log of formations encountered in the drilling of each well if available.....
0-20 Top soil
20-54' Gravel 54'-81.9' lean gray shale
81.9'-82.3' Caprock 82.3'-84.0' Water sand (Judith River Form) 84'

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.....Maxine Matorich

Date.....Dec 28 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.

23652

736

125395

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 31 day of Dec

A. D. 1903 at 11:30 o'clock A.M.

Wm. B. Paulson
County Clerk and Recorder
By Marion B. Paulson

Book 100

md
INDEXED
ccp

Drawn # 2
878
137573

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Mont.
the 5 day of April
A. D. 1972 at 1:20 o'clock P.
Charles E. Phynas
County Clerk and Recorder
W. Rossiter M. Heeley
Deputy
200

File No.

T. 18 N R. 31 E

DUPLICATE

County GARFIELD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

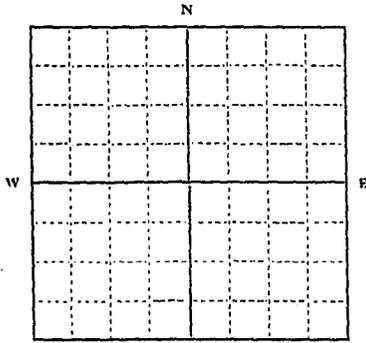
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater OCT 1960
Owner HERB WEDER Address 1304 WASHINGTON HIGHLAND, ILLINOIS

Contractor (if any) EARL CLARK

Address of Contractor BRUSETT, MONTANA

Date Started OCT. 1961 Date Completed NOV. 1961



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. DEVELOPED SPRING DITCH WITH PERFORATED PIPE LEADING INTO 2000 GAL CONCRETE TANK

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

estimate approximate lengths of periods of use. RUNS ABOUT 2 GAL. PER MIN. - FILLED 2000 GAL TANK IN ABOUT 18 hrs. when completed.

USED IN WINTER OCT to April

Signature of Owner Herb Weder by John Coston Date Dec 27, 1963

NE 1/4 Sec. 8 T. 18 R. 31 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.

323

124974

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 27 day of Dec.

A. D. 1963 at 2:15 o'clock P. M.

Charles E. Langston
County Clerk and Recorder

By Amirion J. James
Deputy

Fee Paid \$ 2.00

mj
SEARCHED _____
INDEXED _____
SERIALIZED _____
FILED _____

3/9/15

File No.

T. 18 R. 31

DUPLICATE

County GARFIELD

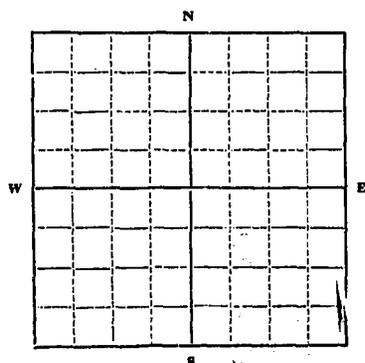
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERWIN WEDER, of SAND SPRINGS, (Name of Appropriator) (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based. Livestock Water.
Well # 3 Livestock Water a household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
Well # 1 - November 1961 continuous
Well # 2 - August 1962 continuous
Well # 3 - 1948 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
Well # 1 - 9 gal/min
Well # 2 - 8 gal/min
Well # 3 - 5 gal/min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Well # 1 - electric pump - sect 15, 18-31
Well # 2 - wind mill - sect 3, 18-31
Well # 3 - pump jack & electric motor - sect 9, 18-31

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Well # 1 - started Sept 1948, completed Oct 1961
Well # 2 - started May 1962, completed July 1962
Well # 3 - estimated 1948

8. The depth of water table.
1 - 300 ft. # 2 - 400 ft. # 3 - 240 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
Well # 1 - drilled well, cased with 4" pipe, 325 ft. deep
Well # 2 - " " " " " " 460 " "
Well # 3 - " " " " " " 320 "

10. The estimated amount of groundwater withdrawn each year.
Well # 1 - 20,000 gal.
Well # 3 - 50,000 gal.

11. The log of formations encountered in the drilling of each well if available.
Log Wells 1 & 2 attached
Well 3 not available

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

Signature of Owner Erwin Weder
by John Coster
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.

53

123196

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 14 day of February

A. D. 19 63 at 4:05 o'clock P M.

Charles E. Engstrom
County Clerk and Recorder

By _____ Deputy

Fee Paid \$ 2.00

INDEXED ML

FILED CL

File No. _____

T. 18 N. R. 31 E

DUPLICATE

County. Farfield

18
32

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. 1920 App.

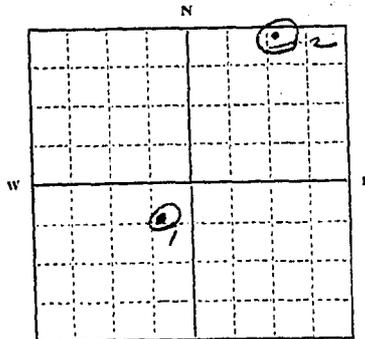
Owner W. J. Brown & Son Address Sand Springs Mont

Contractor (if any) _____

Address of Contractor _____

Date Started unknown Date Completed unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. these 2 springs run into the draw & strike water at holes



1-3W 32 Sec. 32 1/4 T. 18 R. 31

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 _____

4.5 hrs. day
10,572,000 gal app

Signature of Owner W. J. Brown and Son
William J. Brown Jr.

Date Dec 21, 1962

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

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

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

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

730

125389

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,

this 31 day of Dec

A. D. 19 63 at 11:30 o'clock AM

Charles E. [Signature]
County Clerk and Recorder

By Marion [Signature]
Deputy

Fee Paid \$ 2.00

INDEXED ml
FILED CS

File No.

T. 15 N. R. 32

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

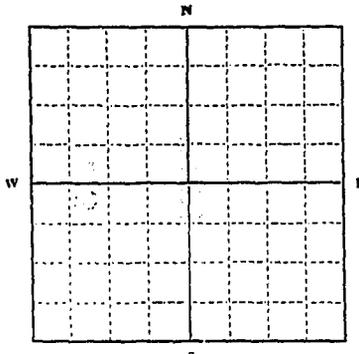
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROSE M. PENSE of SAND SPRINGS
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 17 T. 18 R. 32

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... House and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1923

Continuously

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

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

none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1923 pump windmill and gas engine

8. The depth of water table... about 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... 4 1/2 ft in dia water cased well

10. The estimated amount of groundwater withdrawn each year... 2 gal per min

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... Rose M. Pense
Date... Dec. 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.

345

125001

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 20 day of Dec.

A. D. 1918 at 9:17 A. M.

Charles E. Langston
County Clerk and Recorder

Marian R. James

W. J.

1918

5

RECORDED

INDEXED

2320

File No.

T. 18^N R. 32^E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

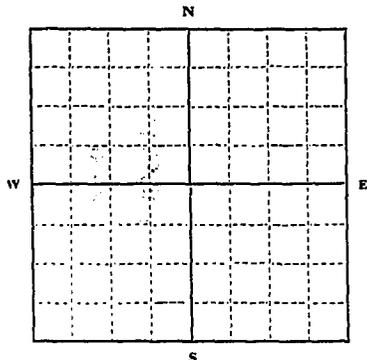
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROSE M. PENSE, of SAND SPRINGS
(Name of Appropriator) (Address) (Town)

County of HARFIELD State of MONTANA

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



N.M.S. Sec. 20 T. 18 R. 32

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. House and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 off and on but quite continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1920 - pump

8. The depth of water table. 20 ft

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

10. The estimated amount of groundwater withdrawn each year. about 2 gal per min

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 Rose M. Pense
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.

344
125000

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Records of Garfield County, State of Montana,
this 30 day of Dec

A. D. 19 63 at 9:00 o'clock A. M.

Charles E. Langston
County Clerk and Recorder
By Marion A. James
Deputy

Fee Paid \$ 2.00

INDEXED mf
FILED efg

GV

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

File No.

T. 18 N. R. 32 E. 23

DUPLICATE

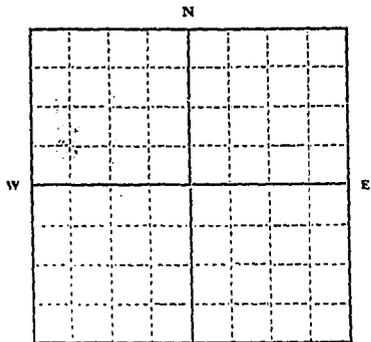
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

1. ROSE M. PENSE, of SAND SPRINGS
(Name of Appropriator) (Address) (Town)
County of MARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW 1/4 SW 1/4 NE 1/4
1/4 Sec. 23 T. 18 R. 32

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. House and stack
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1920 continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) about 2 gal per min
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump, gas engine, windmill, electric motor
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1920 pump, windmill, gas engine electric motor
- The depth of water table. about 35 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. Dug well about 6 ft in diameter
- The estimated amount of groundwater withdrawn each year. about 2 gal per min
- 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. not applicable

Signature of Owner

Rose M. Pense

Date Dec 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.

23255

342

124998

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 20 day of Dec

A. D. 1963 at 9:05 o'clock A. M.

Marion R. [Signature]
County Clerk and Recorder

By Marion R. [Signature]
Deputy

Fee Paid \$2.00

RECORDED [Signature]
INDEXED [Signature]

File No.

DUPLICATE

*Sections?
Date of signature?*

T. 18 R. 32

County Garfield

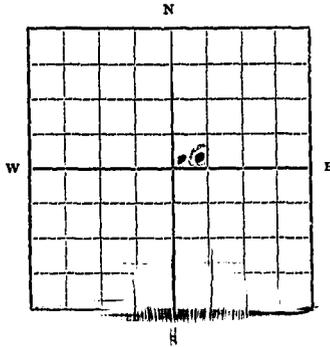
RECEIVED
MAY 11 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Rose M. Perce of Sand Springs
(Name of Appropriator) (Address) (Town)
County of Garfield 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. 23 T. 18 R. 32

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 irrigation
stock and domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been West well in 1917
East well in 1960 fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute) West well 1 gal per minute
East well 2 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 1/4 section 23 T. 18 R. 32
on my land

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Each well
pumps & electric motor for each pump
gas engine and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater West well 1917
East well 1960 fall

8. The depth of water table from 40 to 70 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater West well 40 feet
East well 120 feet

10. The estimated amount of groundwater withdrawn each year total 3 gal per min

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 available

Signature of Owner Rose M. Perce

Date

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

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

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

121765

121765

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 11 day of May

A. D. 1967 at 1:30 o'clock P. M.

Gene Bray
County Clerk and Recorder

By _____ Deputy

Sho Peck & Wood

23

File No.

T. 18^N R. 32^E

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

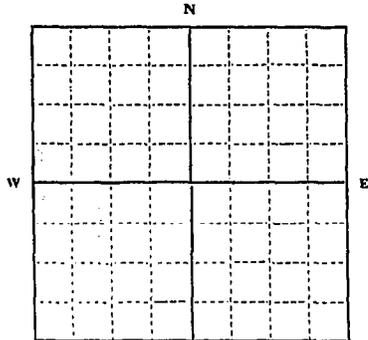
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. ROSE M. PENNIE of SAND SPRINGS
(Name of Appropriator) (Address) (Town)

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



SE 1/4
Sec. 28 T. 18 R. 32

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. House, Stock and some irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960 with continuous house use

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 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. A garden near the well

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater. 1960 - 1961

8. The depth of water table. 90 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. Hand-dug 120 ft deep with hand pump

10. The estimated amount of groundwater withdrawn each year. 2 gal per minute

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 Rose M. Pennie

Date Dec 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.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

23

File No.

T. 18 N. R. 32 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 21 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
 1---15---clay
 (Elev. above sea level.....2800.....)
 15---60---sand
 60---63---rock
 63---180---shale
 180---220---sand

Owner Roy & Rose Pense.....Address Sand Springs, Mont.

Driller Merle Drane.....Address Jordan, Mont.

Date of Notice of Appropriation of Groundwater.....10-6-65

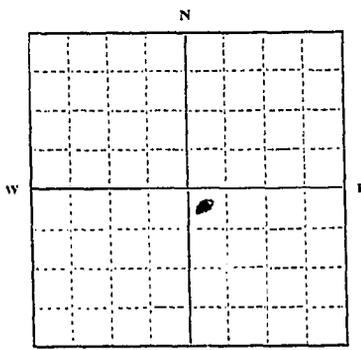
Date well started.....10-6-65.....Date Completed.....10-8-65

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Motor	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6in.	4in. 10lb.	1	220	slotted 1/2 by 4in.	160	220



1/4 Sec. 25 T. 18 R. 32
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well.....170.....feet.
 Shut-in Pressure for Flowing Well.....none.....
 Pumping Water Level.....feet at 3.....gal per minute.....210
 Discharge in gal. per min. of flowing well.....none.....
 How Tested.....DUMP.....Length of Test.....36hrs.

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

29
Driller's License Number

Merle Drane
Driller

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

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

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

6533

104

124054

STATE OF MONTANA }
County of Garfield

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 18th day of October

A. D. 1963 at 2:05 o'clock P. M.

Charles E. Varghese
County Clerk and Recorder

By _____ Deputy

Fee Paid \$2.00

INDEXED CF

FILED CF

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No. _____

T. 18 R. 32

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 21 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
 1-25 clay
 25-140 (Elev. above sea level _____)
 140-145 rock 2745
 145-290 shale
 290-293 rock
 293-315 sand

Owner Roy & Rose Pense Address Sand Springs

Driller Mark Drake Address Jordan, Mont.

Date of Notice of Appropriation of Groundwater 10-2-63

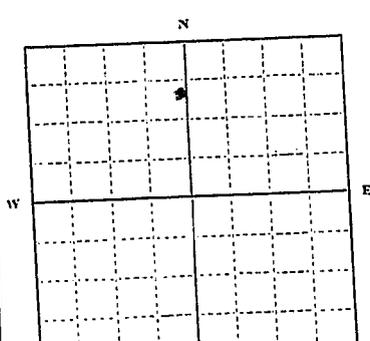
Date well started 10-2-63 Date Completed 10-5-63

Type of Well drilled Equipment Used Rotary
(Churn, drill, rotary or other)

Water Use Domestic Municipal Other Irrigation
Industrial Drainage Stock **

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

Size of Bored Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	4 in. 10 lb.	1	315	slotted by 4 in.	235	315



SW 1/4 Sec. 25 T. 18 R. 32

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 145 feet.
 Shut-in Pressure for flowing Well none
 Pumping Water Level 168 feet at 5 gal. per minute.
 Discharge in gal. per min. of flowing well none
 How Tested pump Length of Test 12 hrs.

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

29
Driller's License Number
Mark Drake
Driller's Signature

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

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

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

6532

124053

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and
Recorder of Garfield County, State of Montana,
this 18th day of October

A. D. 1923 at 2:00 o'clock P. M.
Charles E. Vaughan
County Clerk and Recorder

By _____ Deputy

Fee Paid \$2.00

Witnessed Chf
Filed Chf

RECORDED
INDEXED