

GROUNDWATER INDEX

Page 1 of 1

County Big Horn

Twp. 55

Rge. 408

[illegible]

RECEIVED
DEC 4 1958

"BIG HORN"
COUNTY

T. 55 R. 40 E. 28
County Roanoke

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

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

Owner Pauline Fritz & Sons Address Forayth

Driller Charles Turner Address Forayth

Date Started November 12, 1958 Date Completed Nov. 26, 1958

Location: Sec. 28 T. 5 R. 40 1/4 sec. N. E

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 1 ft. to 100 ft. Type 18 gauge Size 6 in

Casing: 100 ft. to 245 ft. Type 20 gauge Size 6 in

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

Perforated or screened: Ft. 221 to ft. 236 Ft. _____ to ft. _____

Type of screen or perforations Factory perforated pipe

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

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

Pumping water level 195 feet at 20 gal. per min.

How tested: 22 gal. bailer

Length of test 1 hr. for 3 days

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

Cemented

(over)

No 1

[illegible]

164885

GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 65 Rge. 26E

[illegible]

County Missouri

RECEIVED

JAN 18 1971

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

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

Owner Ross Fugs

Address Prior, Montana

Date well started 10-4-70

completed 10-6-70

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used cable tool

.....
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

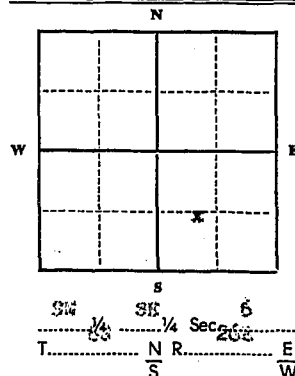
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***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 500,000 gal.

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 6" | 6.5/800 18.974 | + 18" | 52 | 4x6x6 | 47 | 51 |



Static water level 37 ft.*
Pumping water level 43 ft.*
at 12 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.

Well developed by

for 4 1/2 hours.

Power..... Pump.....

Remarks: (Gravel packing, cen

packers, type of shutoff)

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

Briggs Drilling Contractor

Driller's Signature

F.O. Box 1083, Dillon, Montana 59725

Driller's Address

LICENSE NO.

52

Show exact depth of bottom

48021

File No.

DUPLICATE

T. 6S R. 27 E., P. M., M.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1957

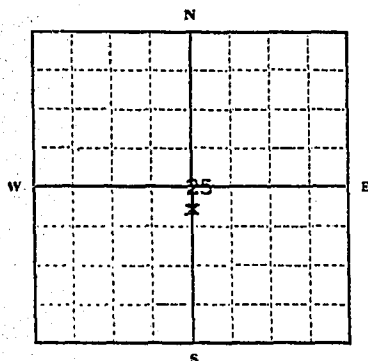
Owner RICHARD B. HOVLAND Address Hardin, Montana

Contractor (if any) None

Address of Contractor None

Date Started 1957 Date Completed 1957

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



Sec. 25, T. 6S R. 27E.
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.

Estimated Use:
50 gallons per minute

Signature of Owner

Date December 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.

26845

206559

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

SEP 21 1963 day of

31 A. D. 19

at 1:34 o'clock P. M.

Harry E. Cox

County Recorder

Geddie L. Smith Deputy

File No.

DUPLICATE

T. 6 S., R. 28 E., P.M., M.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

PRYOR LAND CO., a Montana
Owner Corporation Address Hardin, Montana

Contractor (if any) None

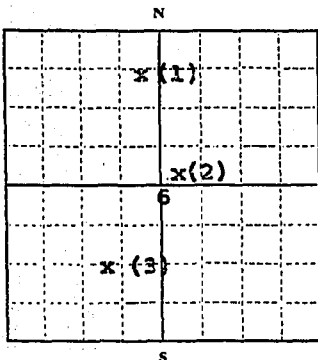
Address of Contractor None

Date Started 1960 Date Completed 1960

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

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



1/4 Sec. 6 T6S. R. 28 E. P.M.M.
Indicate point of appropriation
and place of use, if possible.

Estimated Use:

(1) 10 gallons per minute

(2) 10 gallons per minute

(3) 50 gallons per minute

Signature of Owner By: Pryor Land Co.
Attorney in Fact

Date December 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.

26850

206564

STATE OF MONTANA } ss:
County of Big Horn }

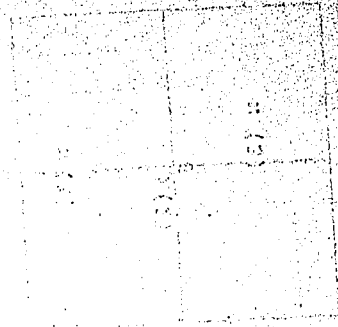
The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

at 1st o'clock P.M. A.D. 19

Harry E. Cap
County Recorder

By Goddard Smith Deputy



RECORDED
INDEXED
DEC 31 1963
HARDIN, MONTANA
COUNTY OF BIG HORN
STATE OF MONTANA

File No.

T. 6 S. R. 28 E. 11 M. 11 M.

TRIPPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

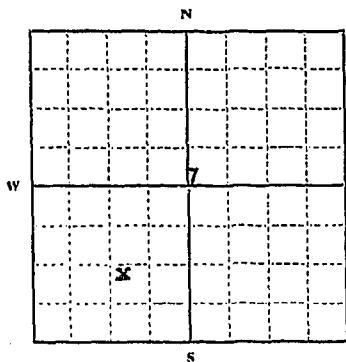
Date of Appropriation of Groundwater..... 1960
PRYOR LAND CO., a Montana
Owner..... Corporation Address Hardin, Montana

Contractor (if any) ..None

Address of Contractor None

Date Started..... 1960 Date Completed..... 1960

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



Sw 1/4 Sec. 7 T. 6 S. R. 28 E.
P. M. 11 M.
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.....

Estimated Use: 15 gallons per minute

Signature of Owner By PRYOR LAND CO.
Attorney in Fact

Date December 30, 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.

26828

206537

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC. 2, 1960

day of

A. D. 19

at 10¹⁵

o'clock P. M.

Harry E. Cox
County Recorder

W. L. Smith Deputy

File No.

DUPLICATE

T. 6 S. R. 28 E., P.M., M.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1960

Owner.....PRYOR LAND CO. a Montana Corporation.....Address.....Hardin, Montana

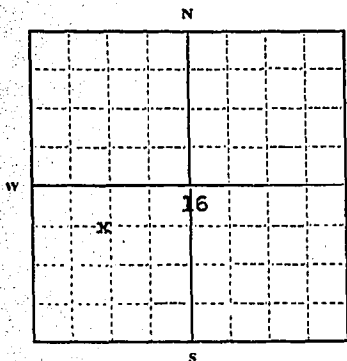
Contractor (if any).....None

Address of Contractor.....None

Date Started.....1960.....Date Completed.....1960

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

stock water. The groundwater is obtained by sub-irrigation and other natural processes.



SW 1/4 Sec. 16 T. 6 S. R. 28 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.....

Estimated Use: 10 gallons per minute

Signature of Owner.....

By: [Signature] PRYOR LAND CO.
Attorney in Fact
Date: December 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.

26852

206567

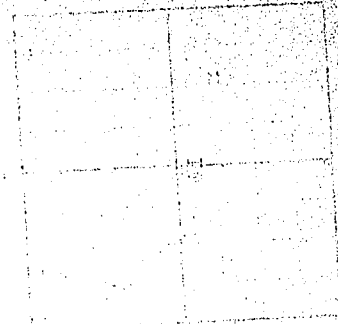
STATE OF MONTANA } ss.
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1953 day of

at 1:52 P.M. A.D. 19

Harry E. Cox
County Recorder
By Indie Smith Deputy



Not Public Use of Record
Instrument of the
County of Big Horn
Dec 31 1953

RECORDED IN THE
OFFICE OF THE
COUNTY CLERK

File No.

T. 6 S. R. 28 E., P.M., M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1960.....

Owner.....PRYOR LAND CO., a Montana Corporation.....Address.....Hardin, Montana

Contractor (if any)None.....

Address of ContractorNone.....

Date Started.....1960..... Date Completed.....1960.....

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

stock water. The groundwater is obtained by sub-irrigation and other natural processes.

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. Estimated Use:

1/4 Sec. 17 T. 6 S. R. 28 E.
Indicate point of appropriation and place of use, if possible.

(1) 35 Gallons per minute

(2) 15 Gallons per minute

(3) 15 Gallons per minute

(4) 15 Gallons per minute

(5) 15 Gallons per minute

Signature of Owner.....PRYOR LAND CO. BY.....

Date.....Attorney in Fact

December 31, 1963

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

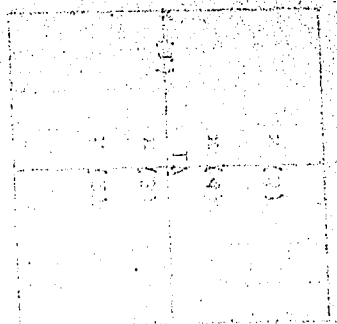
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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.

26854

206568



STATE OF MONTANA } ss.
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

DEC 27 1969 day of

at 1:54 A. D. 19
o'clock P. M.

Harry E. Cox
County Recorder
By Hebert L. Smith Deputy

RECEIVED
DEC 27 1969
HARDIN, MONTANA

- (1) 12 copies of the same
- (2) 12 copies of the same
- (3) 12 copies of the same
- (4) 12 copies of the same
- (5) 12 copies of the same
- (6) 12 copies of the same
- (7) 12 copies of the same
- (8) 12 copies of the same
- (9) 12 copies of the same
- (10) 12 copies of the same
- (11) 12 copies of the same
- (12) 12 copies of the same

File No.

DUPLICATE

T. 6 S. R. 28 E., P.M., M.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner PRYOR LAND CO. a Montana Corporation Address Hardin, Montana

Contractor (if any) None

Address of Contractor None

Date Started 1960 Date Completed 1960

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

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. Estimated Use:

- (1) 50 gallons per minute
- (2) 20 gallons per minute
- (3) 20 gallons per minute
- (4) 20 gallons per minute
- (5) 20 gallons per minute

Signature of Owner By: PRYOR LAND CO.

Attorney in Fact

Date December 31, 1963

| | | | | | |
|------|--|----|--|------|--|
| | | | | | |
| | | | | | |
| | | | | 2. x | |
| | | | | 3. x | |
| 1. x | | 1B | | 4. x | |
| | | | | 5. x | |

1/4 Sec. 18 T. 6 S. R. 28 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.

26852

206566

STATE OF MONTANA } ss.
County of Big Horn

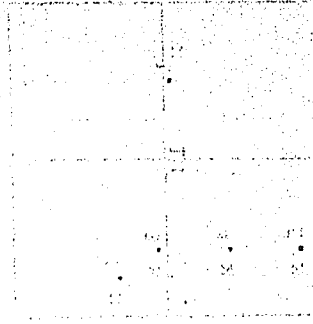
The within instrument was filed
in my office at Heydin, Montana, this

DEC. 31, 1963 day of

A.D. 19

at 1:52 o'clock P.M.

Harvey E. Co.
County Recorder
By Richard Smith Deputy



NOTED FOR RECORD
DEC 31 1963

- (1) 20 OFFICIAL COPY
- (2) 20 OFFICIAL COPY
- (3) 20 OFFICIAL COPY
- (4) 20 OFFICIAL COPY
- (5) 20 OFFICIAL COPY
- (6) 20 OFFICIAL COPY
- (7) 20 OFFICIAL COPY
- (8) 20 OFFICIAL COPY
- (9) 20 OFFICIAL COPY
- (10) 20 OFFICIAL COPY

File No. _____

T. 6S R. 28 E. P.M., M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

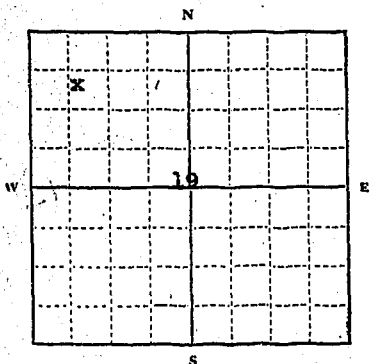
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960
PRYOR LAND CO., a Montana Corporation
Owner _____ Address Hardin, Montana

Contractor (if any) NoneAddress of Contractor NoneDate Started 1960 Date Completed 1960

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



NW 1/4 Sec. 19 T. 6S R. 28E
P.M., M.
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.

Estimated Uses 15 gallons per minute

Signature of Owner By: _____

PRYOR LAND CO.
Attorney in FactDate December 30, 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.

206539

STATE OF MONTANA } ss:
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

SEP 21 1963 day of

A. D. 19

at 10²² o'clock A. M.

Harry E. Cox
County Recorder

Goldie L. Smith Deputy

GW 3

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

File No.

T. 6 S., R. 28 E., P.M., M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

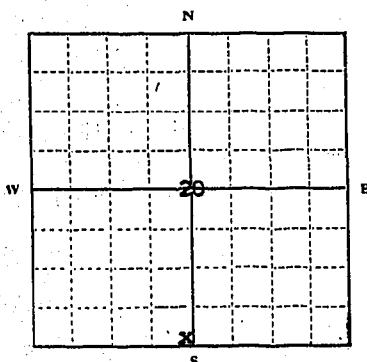
Date of Appropriation of Groundwater 1960
PRYOR LAND CO., a Montana Corporation
Owner Hardin, Montana Address Hardin, Montana

Contractor (if any) None

Address of Contractor None

Date Started 1960 Date Completed 1960

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



SW 1/4 Sec. 20 T. 6 S. R. 28 E.
P.M., M.
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

15 gallons per minute

Signature of Owner PRYOR LAND CO.

Attorney in Fact

Date December 30, 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.

26829

206538

STATE OF MONTANA }
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1966 day of

A. D. 19
at 10²⁰ o'clock A. M.

Harvey E. Cap
County Recorder
by *Goldie Smith* Deputy

GROUNDWATER INDEX

Page 1 of 1

County Big Horn

Twp. 65

Rge. 29E

[illegible]

File No.

T. 6. S. R. 29. E.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

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

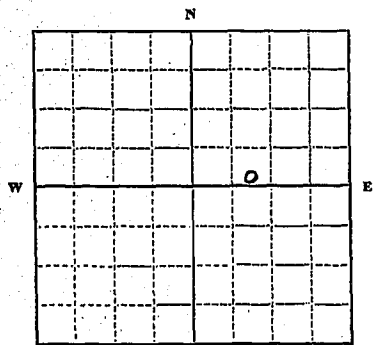
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater August 27, 1959Owner William A. Scruggs Address Hardin, MontanaContractor (if any) None

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, which has been cleaned and maintained at regular intervals as needed.



NE 1/4 Sec. 1 T. 6. S. R. 29. 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

20 gal. per minute. Piped into five gal. bucket

and timed. Used continuously for livestock

purposes.

Signature of Owner William A. Scruggs

Date December 20, 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.

26864

206577

STATE OF MONTANA
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963

day of

A. D. 19

at 2:11 o'clock P.M.

James E. Carl
County Recorder

By *Wesley Wemple* Deputy

GROUNDWATER INDEX

Page 1 of 1

County Big Horn Twp. 65 Rge. 30 E

[illegible]

File No.

T 6 S R 30 E

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 17, 1954

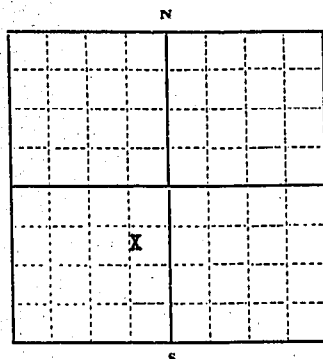
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

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, which has been cleaned and maintained at regular intervals as needed



SW 1/4 Sec. 6 T6S R30E
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

30 gal. per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 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 Quaduplicate for the Appropriator.

26869

206583

FILED

RECORDED

OFFICE OF

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1968 day of

A.D. 19

at 2:16 o'clock P.M.

Harry E. Cox
County Recorder

By *Ruby W. Sample* Deputy

File No.

T. 6 S. R. 30 E.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 17, 1955

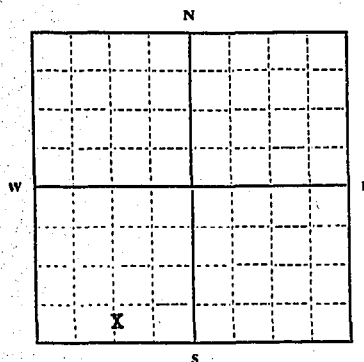
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

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, which has been cleaned and maintained at regular intervals as needed.



SW 1/4 Sec. 15 T. 6 S. R. 30 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

Ten gallons per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 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.

26868

206582

Date

Debit

Office of the County Clerk

STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963

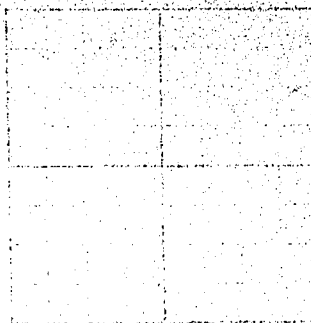
day of

A. D. 19

at 2:15 o'clock P. M.

Harry E. Cap
County Recorder

By *Robert L. Sample* Deputy



Not a copy of the original
instrument, but a copy of the
instrument as recorded in the
office of the County Clerk.

Not a copy of the original
instrument, but a copy of the
instrument as recorded in the
office of the County Clerk.

MONTANA WATER RESOURCES BOARD
RECEIVED
DUPLICATE

AUG 5 1971

T. _____ R. _____
County BIG HORN

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)

Doc. No. 233304
Filed for record
this 3 day of August
A. D. 19 71, at 1:00
o'clock P. M.

Date of Appropriation of Groundwater July 25, 1967

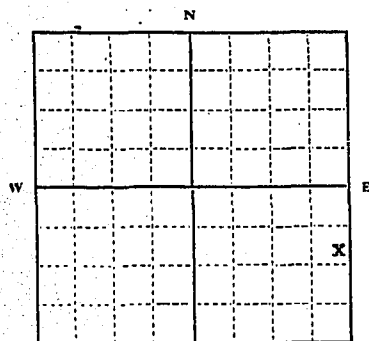
Owner Stephen J. Kenney Address Hardin, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started 7-25-67 Date Completed 7-30-67

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow and pump,
surface spring and creek.



SE $\frac{1}{4}$ NE $\frac{1}{4}$ SE $\frac{1}{4}$
Sec. 15 T. 6 S. R. 30 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 _____

400 gallons per minute

Signature of Owner _____

Date July 15, 1971

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.

48832

233304

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this
AUG 3 1971 day of

at 1:00 o'clock PM A. D. 19

Joyce Lippert
County Recorder
By *Ruby Wilkerson* Deputy

File No.

DUPLICATE

T. 6 S. R. 30 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 9, 1961

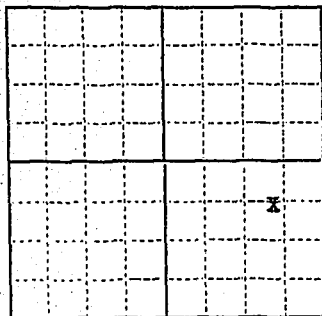
Owner Elsie M. Willcutt Address Hardin, Montana

Contractor (if any) None

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, which has been cleaned and maintained at regular intervals as needed



SE 1/4 Sec. 17 T. 6 S. R. 30 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.

12 gallons per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner. ELSIE M. WILLCUTT
By [Signature]
Attorney in Fact
Date December 30, 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.

26867

206581

Public
File No.

STATE OF MONTANA ss.
County of Big Horn

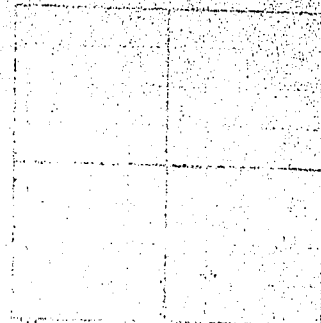
The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 2:14 o'clock P. M.

Harry L. Campbell
County Recorder
By *Paul J. Campbell* Deputy



Indicate page of instrument
by number in margin

File No.

T. 6-S. R. 30-E.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 17, 1955

Owner H. W. Willcutt Address Hardin, Montana

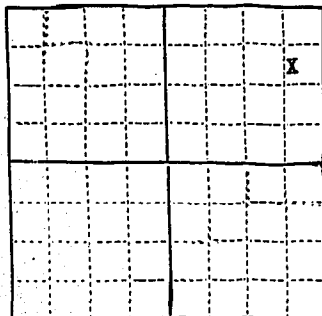
Contractor (if any) None

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, which has been

cleaned and maintained at regular intervals as needed



NE 1/4 Sec. 22 T. 6-S. R. 30-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.

Six gallons per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1966

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.

26882

206596

DECEMBER
1963

1963

STATE OF MONTANA ss.
County of Big Horn

The within instrument was file
in my office at Helena, Montana, this

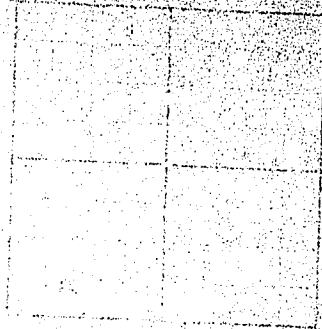
DEC 31 1963 day of

A. D. 19

at 2:29 o'clock P.M.

Harvey E. Cox
County Recorder

By Ruth W. Wenzel Deputy



RECEIVED
COUNTY OF BIG HORN
DECEMBER 31 1963

File No.

DUPLICATE

T. 6 S. R. 31 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

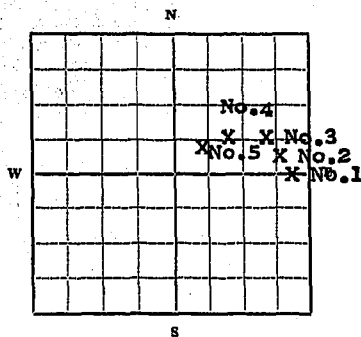
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964

STATE ENGINEER

1. Juanita Willcutt, of Hardin
(Name of Appropriator) (Address) (Town)
County of Big Horn 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. 6 S. R. 31 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 Water for livestock & irrigation purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 1, 1940. Used continuously ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 800 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 560 a. in Secs. 8, 9, 10, 16 and 17, Twp. 6 S., R. 31 E. Owner - H. W. Willcutt

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater December 1, 1940 - Completion date

8. The depth of water table 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater All wells are 450 ft. deep, and have 8 inch casings. Each of the five wells flows 160 gallons per minute. All wells are artesian.

10. The estimated amount of groundwater withdrawn each year 800 gallons per minute

11. The log of formations encountered in the drilling of each well if available None

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

Signature of Owner Juanita WillcuttDate December 30, 1963

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

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

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

26862

206576

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

 A. D. 19

at 2:04 o'clock P.M.

Henry E. Carr
County Recorder

By Ruby Wemple Deput

File No.

DUPLICATE

T. 6 S. R. 31 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan. 2, 1952

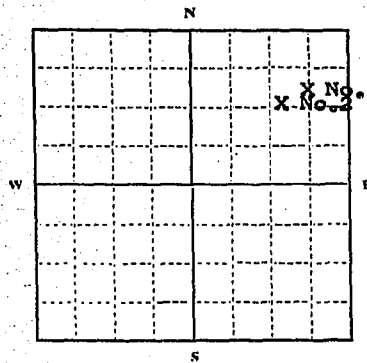
Owner Juanita Willcutt Address Hardin, Montana

Contractor (if any) None

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. ^{Two} Natural Springs, which have been cleaned and maintained at regular intervals as needed



NE 1/4 Sec. 7 T. 6 S. R. 31 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

Spring No. 1 30 gallons per minute; used

continuously for domestic use, lawn irrigation

and livestock. Spring No. 2 8 gallons per min. Used continuously for livestock purposes. Piped into five gal. bucket and timed.

Signature of Owner Juanita Willcutt

Date December 30, 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.

26865

206580

County of Sanborn ss.

The within instrument was filed
in my office at Sanborn, Montana, this

DEC 31 1963 day of

 A. D. 19

at 2:13 o'clock P.M.

Harry E. Cox
County Recorder

by Ruby Wampler Deputy

File No.

DUPLICATE

T. 6 S. R. 31 E.

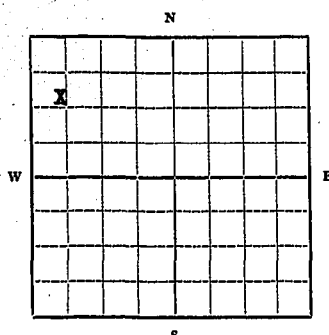
County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 8 1964
STATE ENGINEER

1. H. W. Willcutt of Hardin
(Name of Appropriator) (Address) (Town)
County of Big Horn State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 8 T. 6S R. 31E

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 Water for domestic use and livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 12, 1945. Used continuously.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian water, and house pressure pump system
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table ten 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 Depth - 190 feet. 4 in casing
10. The estimated amount of groundwater withdrawn each year Continuously flowing well at the rate of 5 gals. 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

Signature of Owner H. W. Willcutt

Date December 30, 1963

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

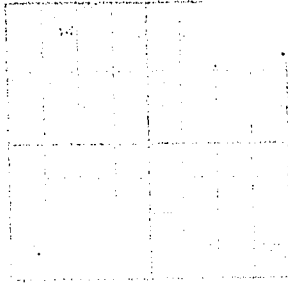
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26863

206577

RECORDED
INDEXED



RECORDED
INDEXED
DEC 31 1963

RECORDED
INDEXED
DEC 31 1963

STATE OF MONTANA }
County of Hill } ss.

The within instrument was filed
in my office at Hardin, Montana, this

DEC 31 1963 day of

A. D. 19

at 2:00 o'clock P.M.

[Signature]
County Recorder
By *[Signature]* Deputy

THIS INSTRUMENT BEING FOR THE PURPOSE OF RECORDING IN THE PUBLIC RECORDS OF THE COUNTY OF HILL, MONTANA, AND BEING A TRUE AND CORRECT COPY OF THE ORIGINAL INSTRUMENT AS FILED IN MY OFFICE AT HARDIN, MONTANA, THIS 31ST DAY OF DECEMBER, 1963.

File No.

DUPLICATE

T. 6 S. R. 31 E.

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 30, 1952

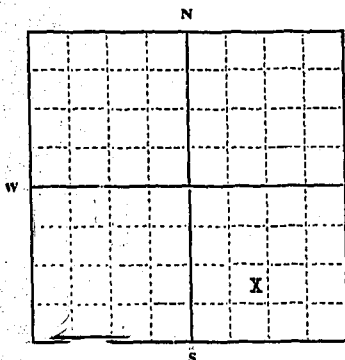
Owner H. W. Willcutt Address Hardin, Montana

Contractor (if any) None

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, which has been cleaned and maintained at regular intervals as needed



SE 1/4 Sec. 9 T. 6 S. R. 31 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.

12 gallons per minute. Piped into five gallon bucket and timed. Used continuously for livestock purposes.

Signature of Owner H. W. Willcutt

Date December 30, 1963

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

Two copies of this notice are to be filed with the County Clerk and Recorder of the county in which the well 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 Quaduplicate for the Appropriator.

26875

RECEIVED
DEC 20 1963

NOTICE

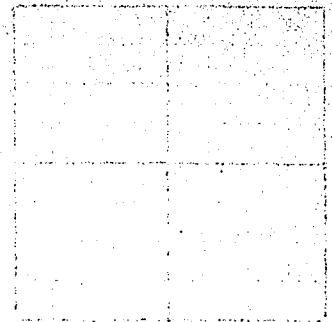
STATE OF MONTANA
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
DEC 31 1963 day of

at 2:22 o'clock PM.

Harry E. Cox
County Recorder

By *Ruby W. Wemple* Deputy



and being a true and correct copy of the original instrument, I have hereunto set my hand and the seal of my office at Hardin, Montana, this 31st day of December, 1963.

County of Big Horn, Montana
Recorder's Office
Hardin, Montana

10
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 6 S. R. 31 E.

County - Big Horn

RECEIVED
JAN 8 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... May. 12, 1945

Owner..... H. W. Willcutt..... Address..... Hardin, Montana

Contractor (if any)..... None

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..... Three Natural Springs, which have been cleaned and maintained at regular intervals as needed.

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.....

No. 1 - 12 gallons per minute. No. 2 - 8 gallons per minute. No. 3 - 5 gallons per min. Piped into five gallon bucket and timed. Used continuously for livestock purposes

Signature of Owner..... H. W. Willcutt

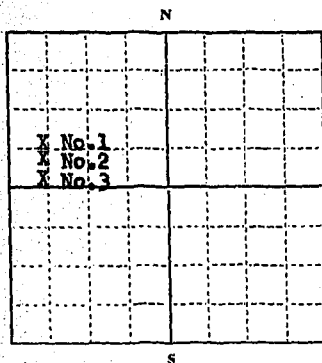
Date..... December 30, 1963

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 work 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.



NW 1/4 Sec. 10 T. 6S R. 31E
Indicate point of appropriation
and place of use, if possible.

26874

206588
206588

DECEMBER 21 1963

Notice

STATE OF MONTANA
County of Big Horn

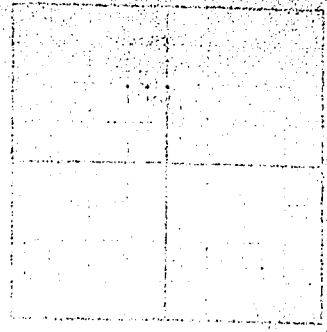
The within instrument was filed
in my office at Hardin, Montana, this

DEC 21 1963 day of

at 7:21 o'clock P.M.

Harry E. Cox
County Recorder

Paul J. Sample
Deputy



and filed of record in Book 11
page 10 of the Hardin
County of Big Horn

If there are any filing fees for this
 service you may bill Bill Adams
 602 Miles Ave.
 Billings, Montana

ADAMS

DO WHAT WY THESE
 3- FILINGS

* - Filed as springs - information
 File as G.W. 3 ^{incomplete} form

| | | | | | | | | |
|----|-----|---|--------|-----|------|---|--------|-----|
| 10 | g/m | = | .0223 | cfs | 19/m | = | .00223 | cfs |
| 20 | " | = | .0446 | " | 3 " | = | .00669 | |
| 30 | " | " | .0669 | | | | | |
| 3 | " | " | .00669 | | | | | |
| 33 | " | = | .07359 | | | | | |

Underground water filing on springs

tribe Bighorn R

Powder SW
Twp 6 S.

Rge 31 E. M.P.M

Bighorn County Montana.

Montana Bureau of Mines and Geology
Butter Montana.

RECEIVED

lot 9 Sec. 10-6S 31E

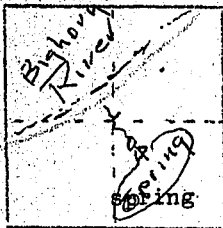
Filing on springs

STATE ENGINEER

Date December 19, 1961

Owner Lillie Maud Adams 602 Miles Ave, Billings, Montana.

Location Sec. 10 Twp 6 S Rge 31 E. M.P.M Lot 9.



Water use: Domestic Livestock Irrigation

Flow: 10 gal. per minute varied very little in the past 30 years.

Filing to prevent encroachment on water supply by adjoining property owners.

Lillie Maud Adams
Lillie Maud Adams Property owner

104513

197317

STATE OF MONTANA }
County of Big Horn } ss.

The within instrument was filed
in my office at Hardin, Montana, this
DEC 20 1961 day of

_____ A. D. 19____
at 1:10 o'clock P.M.

Henry E. Carl
County Recorder

By Ruby W. Wampler Deputy

Little Young Woman Probable Owner

rejoining Probable owners
Willie to prevent encroachment on water supply by

flow: 20 Acres.
10 sq. per minute varied with little in the past

water use: domestic livestock irrigation

location sec. 10 T4B R 2 R2E 31 E. N.P.W. lot 2.

owner Little Young Woman Probable Owner, Billings, Montana.

Date December 18, 1961

Filed on 12/20/61

Billings, Montana

Prob. SW.

Underground water filing on springs

Sub Bighorn R
RECEIVED
DEC 26 1961

STATE ENGINEER

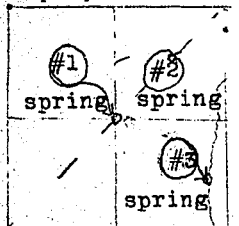
Twp 6 S. Rge. 31 E.

County Bighorn

Date December 19, 1961.

SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 10-6S.- 31 E.

Owner Lillie Maud Adams ,602 Miles Ave. Billings
Montana.



Location Sec. 10 Twp. 6S. Rge. 31 E. SW $\frac{1}{4}$ SE $\frac{1}{4}$

| | | | |
|-------------|----------|-----------|------------|
| Water use ; | Domestic | Livestock | Irrigation |
|-------------|----------|-----------|------------|

Spring flow: 5 gal. per minute for each spring No's 1 & 2.

Spring flow: 3 gal. per minute for spring No 3.

These springs have varied very little for the last 30 years.

Lillie Maud Adams
Lillie Maud Adams Property owner

133312

197316

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
In my office at Hardin, Montana, this
DEC 20 1967 day of

A. D. 19
at 1:05 o'clock P. M.

Harvey E. Carl
County Recorder
By *Ruby Wengler* Deputy

Little Horn, Montana, Big Horn County

Issued 20 acres.

These springs have arisen with little for the

Spring flow: 2 cfs. per minute for spring No. 2.

Spring flow: 2 cfs. per minute for each spring No. 1 & 3.

Water use: domestic livestock irrigation

spring

spring

Location Sec. 10 Twp. 6S. Rge. 31 E. SW1/4

Owner Little Horn, Montana, Big Horn County

Survey Sec. 10-6S-31 E.

Date December 18, 1967.

SURFACE WATER FILING

716-Bighorn R 107
RECEIVED
DEC 26 1961

STATE ENGINEER

Twp. 6 S.

Rge. 31 E.

County

Bighorn

spring coulee Date December 19, 1961.

spring coulee Owner Lillie Maud Adams Address 602 Miles Ave., Billings, Montana.

Location Sec. 10 Twp. _ S. Rge. 31 E. Sub. SW 1/4 SE 1/4.

SW 1/4 SE 1/4 S. 10-6 S. 31 E.

Water use:

Irrigation

Livestock

Stream flow:

Aprox. 20 gal. per minute

Lillie Maud Adams
Property owner, Lillie Maud Adams

125318

197318

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana,

DEC 20 1967 day of

_____ A. D. 19____
at 1:15 o'clock P. M.

Harry E. Cox
County Recorder

By Paul W. Sample Deputy

Splice flow:

Ydiox. 30 Ref. per minute

Water use:

Irrigation

livestock

SAVED 8.10-6 2. 21 E.

adding change

Location Sec. 10

Imp. 2.

Re. 21 E. 2nd. SAVED.

Owner Little Hand Adams Address 608 Miles Ave. Billings

adding conference December 19, 1967.

File No. _____

T. 6 S. R. 31 E., PM. M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

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

1. PARK DALE, INC., a Montana Corporation, of Hardin, Montana

(Name of Appropriator)

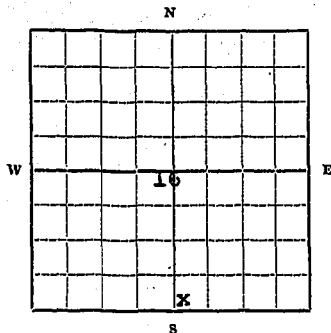
(Address)

(Town)

County of Big Horn

State of Montana

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



SW 1/4 SE Sec 16 T. 6 S. R. 31 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 _____

Municipal Water

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

4/12/61 continuous to date

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

45 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 domestic, lawns and tree irrigation in Yellowtail Sub Division, Big Horn County, Montana

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian well - see location on map, free flow 45 gallons per minute

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced 4/6/61, completed 4/12/61

8. The depth of water table 335' - 355'

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 Casing to 345 ft. Black steel 6 in. I.D. booster pump

10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available surface soil, blue shale, ss ledge, sand stone and shale, Bentonite red clay, sanday clay, hard sandstone, red & blue clay, hard sand, water sand (Lakota)

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 _____

PARK DALE, INC.

Signature of Owner _____

President

Date December 30, 1963

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

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

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

26818

206527

STATE OF MONTANA }
County of Big Horn }

The within instrument was filed
in my office at Hardin, Montana this

DEC 31 1963 day of

at 9:30 P. 19
o'clock P.M.

Harvey E. Culp
County Recorder
by Delia L. Smith Deputy

T. 6 S. R. 31 E.

County Big Horn

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 30 1961

WATER WELL LOG

STATE ENGINEER

| | | | |
|--|----|--|--|
| | | | |
| | 16 | | |
| | | | |
| | | | |

Owner Eric Dale, Inc. (a Montana Corporation) Address Hardin Montana

Driller Western Drilling & Explor. Co. Address Box 1216 Billings

Date Started April 6, 1961 Date Completed April 12, 1961

Location: Sec. 16 T. 6S R. 31E $\frac{1}{4}$ sec. SW $\frac{1}{4}$ of SE $\frac{1}{4}$

Type of well Drilled Equipment used Falling 1500 Rotary Drill
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☐

Municipal ☒

Stock ☐

Irrigation ☐

Industrial ☐

Drainage ☐

Other: _____

Casing: (0) ft. to 345 ft. Type Black Steel Size 6 in. ID

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

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

Perforated or screened: Ft. 330 to ft. 345 Ft. _____ to ft. _____

Type of screen or perforations 3 in. x $\frac{1}{4}$ " cuts

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

Shut-in pressure, for flowing well: 36 lb./sq. in. on June 15, 1961
(date)

Pumping water level: _____ feet at flowing 45 gal per min.

How tested: Timed and measured

Length of test Random samples for 1 hr.

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

Casing was cemented from bottom up 280'; From top down 50';

(over)

Log of Well

| Depth, feet | | Description of Material Drilled |
|-------------|------|--------------------------------------|
| From | To | |
| 0' | 60' | Surface soil, gravel and sand |
| 60' | 83' | Blue shale |
| 83' | 84' | ss ledge |
| 84' | 120' | Shale with sand stone stringers |
| 120' | 122' | Sand Stone |
| 122' | 133' | Shale |
| 152' | 153' | Bentonite |
| 161' | 196' | Shale with Bentonite stringers |
| 196' | 228' | Red Clay |
| 228' | 240' | Bentonite and sand stone stringers |
| 240' | 260' | Sandy Clay |
| 260' | 282' | Sand stone, soft sand, and bentonite |
| 282' | 284' | Hard Sand stone |
| 284' | 296' | Shale, Bentonite, and red clay |
| 296' | 297' | Hard sand stone |
| 297' | 329' | Red and blue clay |
| 329' | 345' | Hard sand |
| 345' | 361' | Water sand (Lakota) |

195537

STATE OF MONTANA } ss.
County of Big Horn

The within instrument was filed
in my office at Hardin, Montana, this
JUN 23 1961 day of

A. D. 19

at 2:40 o'clock P. M.

County Recorder

Deputy

File No.

T. 6S R31 E. P.M.M.

DUPLICATE

County Big Horn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

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(Under Chapter 237, Montana Session Laws, 1961)

1. PARK DALE, INC., a Montana Corporation of Hardin, Montana

(Name of Appropriator)

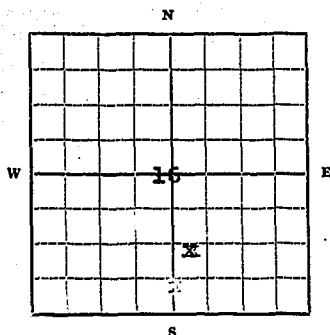
(Address)

(Town)

County of Big Horn

State of Montana

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



SW 1/4 SE Sec 16 T6S R31E

P.M.M.

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 municipal

3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1961 continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn and tree irrigation in Yellow-tail Sub Division, Big Horn County, Montana

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian-free flow 50 gallons per minute booster pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced 8/3/61, completed 8/9/61

8. The depth of water table 380' - 400'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater cased with 6" black steel pipe 400' from top to bottom, booster pump.

10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available surface soil, blue shale, sandy clay, sandstone and shale, bentonite, red clay, sandy clay, hard sandstone, red and blue clay, hard sand, water sand (Lakota)

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.

PARK DALE, INC.

Signature of Owner

President

Date December 30, 1963

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

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

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

26819