

## GROUNDWATER INDEX

Page                      of

County Julia Basin Twp. 15N Rge. 10E

[illegible]

File No. ....

T. 15 R. 10

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

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

Owner John B. Hardenbrook Address Stanford, MontanaContractor (if any) done work myself

Address of Contractor .....

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. Dug 4 Ft. in depth - Concreted with a steel liner. Piped to a 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.....

No measurements taken but flow of springs is20 gallons per minute.

Signature of Owner

*John B. Hardenbrook*

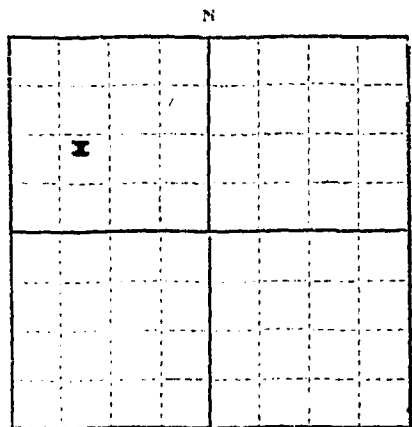
Date.....Dec. 9th, 1963.....

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.



SW 1/4

.....1/4..... Sec. 1..... T. 15. R. 10.

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

File No. 274

John B. Hardenbrook  
Spring in SW/4 Sec. 1-1!

State of Montana  
County of Judith Basin

Filed this 9th day of Decemr  
A.D., 1963 at 2:25 o'clock P.M.

Delia L. Loebe  
County Clerk.

Fee \$2.00 Paid.

2

File No. ....

T. 15 R. 10

DUPLICATE

County Judith Basin

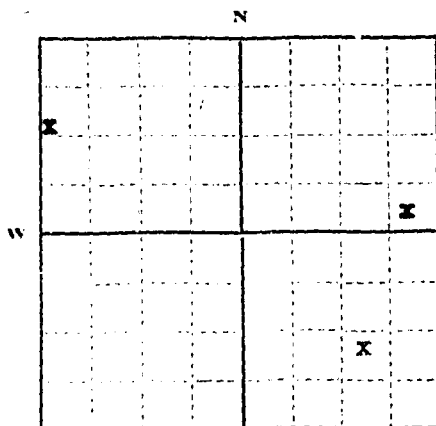
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 16 1964  
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

**Description**  
#1 SE/NW 1/4 Sec. 2-15-10  
#2 SE/SE 1/4 Sec. 2-15-10  
#3 SE/NE 1/4 Sec. 2-15-10



See Above.  
..... 1/4 ..... Sec. .... T. .... R. ....  
Indicate point of appropriation  
and place of use, if possible.

Springs #1 and #2 developed  
in 1959 and #3 in 1963.  
Date of Appropriation of Groundwater .....

Owner John B. Hardenbrook Address Stanford, Montana

Contractor (if any) #1 and #2 springs developed myself  
and #3 Spring part of work was  
done by Keith Royston

Address of Contractor Moore, Montana

Date Started Dates Date Completed Dates as Above  
as above.

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

#1- Spring dug to a depth of 4 Ft. Concreted with  
a Steel liner and flows into a tank. Gravity flow  
at 10 gals per minute. #2 Spring.- dug to a depth  
of 3 Ft. - Gravity flow into a tank at 5 gals  
per minute.- #3- Spring - Dug to about 4 ft. in  
depth, collection box installed, flowing about  
20 gals per minute into 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.....

No measurements taken.

Signature of Owner John B. Hardenbrook

Date Dec. 9th, 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.

32567

File #272

3 Springs

JAMES B. HANDEBROOK

State of Montana

County of Judith Basin

Filed this 9th day of  
December A.D. 1963 at  
2:15 o'clock P.M.

*Deborah R. R. R.*  
Clerk and Recorder.

Fee \$2.00 Paid.

File No. ....

T. 15 R. 10

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

State Engineer

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

(Under Chapter 237 Montana Session Laws, 1961)

Partly developed in 1959  
and part in 1963.

Date of Appropriation of Groundwater  
Owner Abbie M. Butterfield Address Stanford, Montana

Contractor (if any) part of work done by John B. Hardenbrook and part by Keith Royston of  
Address of Contractor Moore, Montana

Date Started 1959 Date Completed 1963.

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

Dug to a depth of 7 ft.- Concrete box with  
40 ft of fiber pipe installed, and flows into  
a 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

No measurements taken bu flows approximately  
2 gallons per minute. Gravity flow.

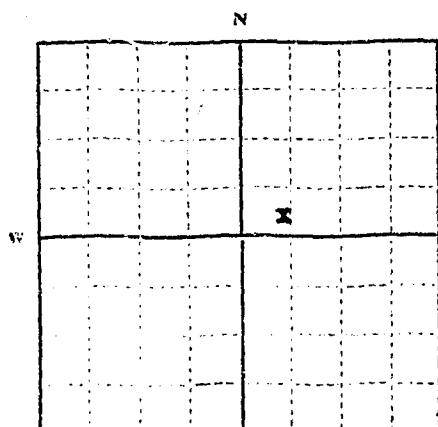
Signature of Owner Abbie M. Butterfield  
By John B. Hardenbrook  
Date December 9th, 1963.

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.



SW 1/4 Sec. 11 T. 15 R. 10  
Indicate point of appropriation  
and place of use, if possible.

File No. 275

Abbie M. Butterfield, Owner

SWANK Sec. 11-15-10

State of Montana

County of Judith Basin

Filed this 9th day of  
December A. D. 1965 at 2:30  
o'clock P.M.

Delbert C. Cline  
County Clerk.

File No.

T 15 N R 10 E

DUPLICATE

County Judith Basin

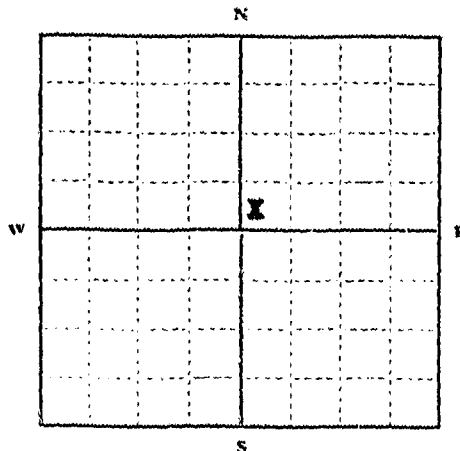
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SESW 1/4 NW Sec. 16 T15N R. 10E

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

2. The beneficial use on which the claim is based stock watering - Taylor Ranch well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since 1923
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 N/A
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and gas motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1923
8. The depth of water table 10 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 55 foot well; 200 feet 1 inch pipe; 2'x6' tank
10. The estimated amount of groundwater withdrawn each year 90,000 gallons
11. The log of formations encountered in the drilling of each well if available not available  
Lewis and Clark water right #173
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

USDA - FOREST SERVICE

Signature of Owner

District Forest Ranger

Date December 13, 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.

32593



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by Betty Crutmore sp.

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File No. ....

DUPLICATE

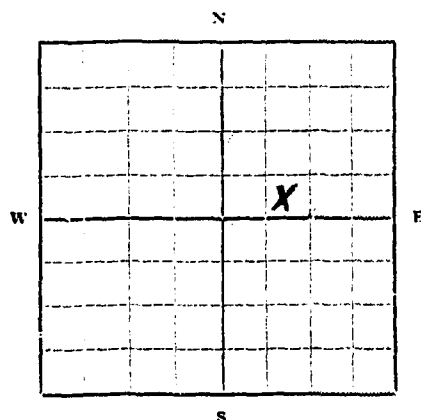
T. 15 R. 10  
County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
DEC 12 1963  
STATE ENGINEER

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



SW 1/4 Sec. 16 T. 15 R. 10

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 **1951 Stock Water**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **1951 and is in use during the summer months**
4. The amount of groundwater claimed (in miner's inches or gallons per minute) **25 gallons per minute.**
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof **No irrigation**
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Pump with gasoline motor installed.**
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Started in 1951 and completed that year. This well was drilled by E. L. Flood.**
8. The depth of water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **Well is 78 ft. in Depth. Cased with galvanized pipe.**
10. The estimated amount of groundwater withdrawn each year **Not known.**
11. The log of formations encountered in the drilling of each well if available **No Log Available.**
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record **None.**

**Skelton Ranch Company**  
Signature of Owner **Harold P. Skelton**  
Date **Dec. 10th, 1963.**

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

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

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

1590

#281

VESTED GROUNDS OR RIGHTS  
SKELTON RANCH CO.

SWNE Sec.16-15-10

121952

State of Montana  
County of Judith Basin  
Filed for record this 10th day  
of Dec. A.D. 1963 at 1:20  
o'clock P.M.  
Delight Leslie, Clk. & Rec.

by \_\_\_\_\_ Dep

Fee \$2.00 pd.

File No. ....

T. 15 R. 10

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 12 1963

STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1963.....

Owner Skelton Ranch Co. Address Stanford

Contractor (if any) Fred Youderian

Address of Contractor Lewistown, Montana

Date Started 1963 Date Completed 1963

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

about 20 ft., and is flowing Spring.

Flowing out from the top.

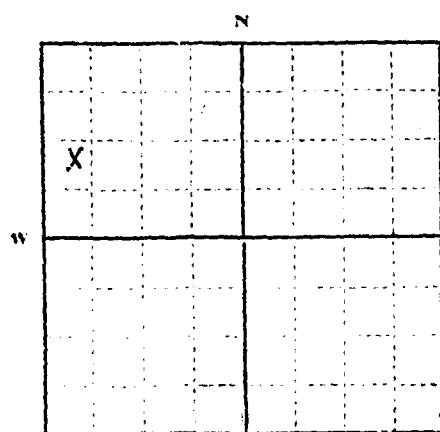
Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

Flows about 5 gallons per minute.

Signature of Owner By *Stanley A. Skelton*

Date Dec. 10th, 1963.



SW 1/4 Sec. 17 T. 15 R. 10

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.

#218

State Approp  
Kelton Ranch Co.

SWW Sec. 17-19-10

121949

State of Montana  
County of Judith Basin  
Filed for record this 10th  
day of Dec. A.D. 1963 at 1:05  
o'clock P.M.  
Delight Leslie, Clk. & Sec.

by Delight Leslie Sec.

Fee \$2.00 pd.

## GROUNDWATER INDEX

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County Judith Basin Twp. 15-N Rge. 11-E

[illegible]

T. 15. N. R. 11. E. ....

County Indian Basin.....

[illegible]

**appropriation**

**appropriation**

June 1906

ress Stanford, Kansas...

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### Contents

Completed.....1906.....

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Methods of use. ~~Water used to~~

used the year around

Rock Company, Inc.

ember 26, 1983

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will be returned.

er; Triplicate to the Montana

32687

File No. 411  
HUGHES LIVESTOCK CO.  
2 Springs Sec. 1 -15-11

State of Montana  
County of Judith Basin

Filed this 27 day of  
December A. D. 1963 at  
2:05 P.M.

Delbert Reelie  
County Clerk.

Fee \$2.00 Paid.



File No. ....

T 15 N, R 11 E.

DUPLICATE

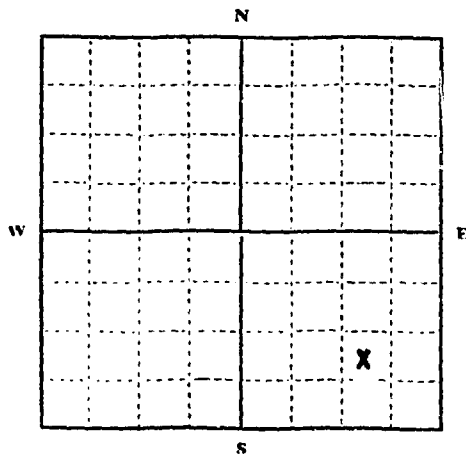
County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 3 T 15N R. 11E

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

2. The beneficial use on which the claim is based Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April, 1884, with continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SE 1/4 of Section 3, Township 15 North, Range 11 East, owned by claimant.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pitcher pump in NW 1/4 Sec. 3, Township 15 North, Range 11 East.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Built in April of 1884.
8. The depth of water table 8 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 Pitcher pump on 4 inch pipe with sand point.
10. The estimated amount of groundwater withdrawn each year 50,000 gallons
11. The log of formations encountered in the drilling of each well if available Sandy loam
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 Originally dug by Allen Pierce.

HUGHES LIVESTOCK CO., INC.

Signature of Owner Robert H. Hughes President

Date December 18, 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.

32654

File No. 377

Hughes Livestock Co. Inc.

~~SEE~~

SEE Sec. 3-15-11

State of Montana

County of Judith Basin

Filed this 26th day of  
December A. D. 1963, at  
2:20 P.M.

Delbert H. Kelle  
County Clerk

Fee \$2.00 Paid.

File No. ....

T 15 N., R 11 E.

DUPLICATE

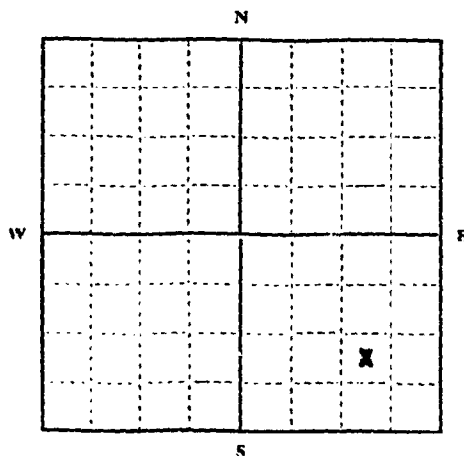
County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 3 T15N R11E

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

2. The beneficial use on which the claim is based Household and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 17, 1946, with continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 SE 1/4 of Section 3, Township 15 North, Range 11 East, owned by claimant.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump on 8 inch casing in NW 1/4 SE 1/4, Section 3, Township 15 North, Range 11 East.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater First well on same location dug in March of 1946. Well deepened to 58 feet commencing October 7, 1959, completed October 10, 1959.
8. The depth of water table 58 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 8 inch casing placed within 58 foot hole. Water drawn by electric pump at top of well.
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available black loam soil on top of sandy loam and gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Original well on same location to depth of 18 feet dried up in 1958 and was then drilled to 58 feet to reach more flow of water.

HUGHES LIVESTOCK CO., INC.

Signature of Owner Donald W. Hughes President.

Date December 18, 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.

32648

File No. 371

Hughes Livestock Co., Inc

SE<sup>1</sup>/<sub>4</sub> Sec 3-15-11

State of Montana

County of Judith Basin

Filed this 26th day of  
December A. D. 1963, at

1:50 P.M.

Deborah K. Kester  
County Clerk.

Fee \$2.00 Paid.

File No. ....

T. 15 N. R. 11 E

DUPLICATE

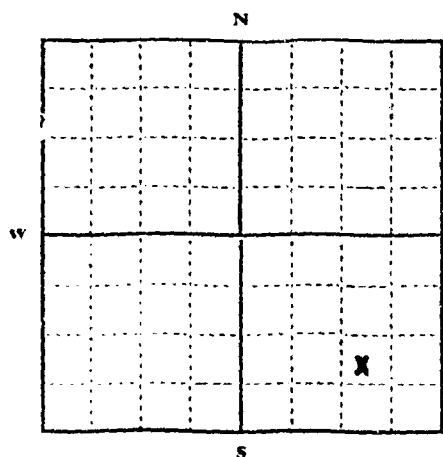
County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 4 T. 15N R. 11E

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 and watering of livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 19, 1954, with continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof SE 1/4, SW 1/4 and E 1/2 of Section 4, Township 15 North, Range 11 East, owned by claimant.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric or Gasoline Engine Pump at the top of 6" casing in NW 1/4 SE 1/4, Section 4, Township 15 North, Range 11 East.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced August 1, 1954; completed August 19, 1954.
8. The depth of water table 50 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 50 foot depth with a 6" hole.
10. The estimated amount of groundwater withdrawn each year 155,000 gallons
11. The log of formations encountered in the drilling of each well if available gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Drilled by E. L. Flood, Great Falls, Montana.

HUGHES LIVESTOCK CO., INC.

Signature of Owner Donald J. Hughes President.

Date December 18, 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.

32649

File No. 372

Hughes Livestock Co., L.

SE 1/4 Sec. 4-15-11

State of Montana

County of Judith Basin

Filed this 26th day of

December A. D. 1963, at

1:55 P.M.

*Delight Leslie*

Clerk and Recorder of Judith  
Basin County, Montana

File No. ....

T15 M R11

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Hughes Livestock Co., Address Stanford, Montana.....

Contractor (if any) Bonar Bros,.....

Address of Contractor Stanford, Montana.....

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

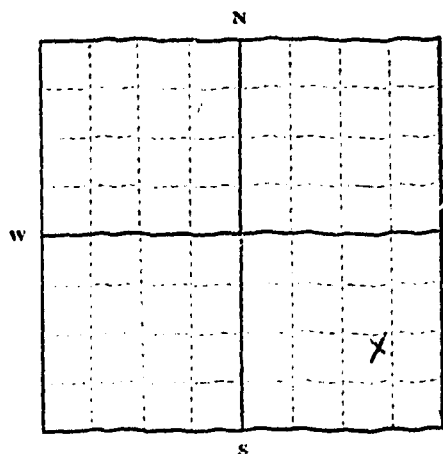
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A spring under a cliff of rock.

Dug out a 4' hole and put in a wooden box, and dug a trench 2' depth for 610' and put in galvanized pipe. Put into troughs to water livestock and to irrigate a hay meadow.

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. water used the year around for livestock and irrigation.

Signature of Owner Hughes Livestock Company, Inc.  
Date December 28, 1963



1/4 Sec. 5 T15 R11  
Indicate point of appropriation and place of use, if possible.

NE 1/4 SE 1/4

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. 414

NS TRANS Sec. 5-15-11

HUGHES LIVESTOCK CO.

State of Montana

County of Judith Basin

Filed this 27th day of  
December A. D. 1963 at  
2:20 P.M.

  
County Clerk.



File No.....

T. 15 R. 11

DUPLICATE

County.....Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

RECEIVED  
JUL 3 1973  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....June 29, 1973

Owner.....B. G. Schmitt Address.....Stanford, Montana

Contractor (if any) .....

Address of Contractor .....

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

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

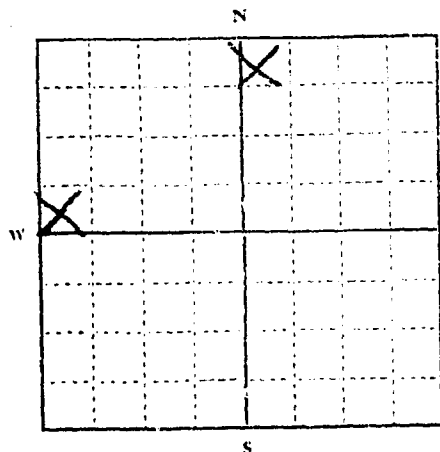
Natural processes

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.....Figured at.....  
2 gals. per minute 2280 gals per day.

Signature of Owner.....B. G. Schmitt

Date.....June 29, 1973



SW NW  
NW NE Sec. 6 T. 15 R. 11  
Indicate point of appropriation  
and place of use, if possible.

1778  
6-29-73  
3:00 p.m.

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.

#778

SCHMITT, B. C.  
WATER APPROPRIATION

SWNW, NWNE Sec. 6-15-11

STATE OF MONTANA  
County of Judith Basin

Filed for record this 29th  
day of June A.D. 1973 at  
3:00 p.m.

Delight Leslie Co. Clk

Mary Lee Barker Deputy

File No.....

T. 15 R. 1

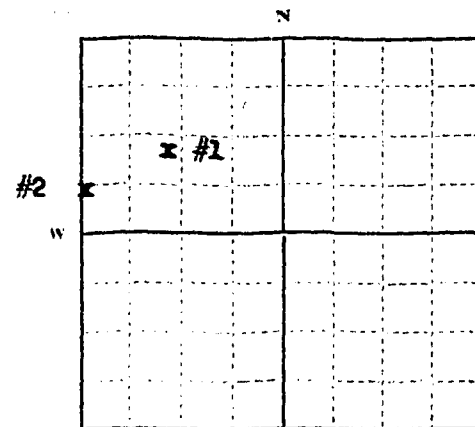
DUPLICATE

County Judith Basin

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)



SW/NE/

1/4 Sec. 7 T. 15 R. 11

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

Date of Appropriation of Groundwater. #1 developed 1956  
#2 developed 1963.

Owner John B. Hardenbrook Address Stanford, Montana

Contractor (if any) Developed myself.

Address of Contractor

Date Started dated as above Date Completed as above

Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. #1-- Spring is dug down to about  
3 feet in depth. Piped to house and Barn.

#2 Spring dug to 2 feet- Steel box installed.

E piped to a 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.

#1-- 15 gallons per minute.

#2-- 1 gallon per minute.

Signature of Owner

*John B. Hardenbrook*

Date Dec. 9th, 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. 273

Spring 1/4 SW 1/4  
Sec. 7-15-11

JOHN B. HARDENBROOK

State of Montana  
County of Judith Basin

Filed this 9th day of  
December A. D. 1963 at  
2:20 o'clock P.M.

Delight H. Rees  
County Clerk.

Fee \$2.00 - paid

File No. ....

T. 15 R. 11

DUPLICATE

County Judith Basin

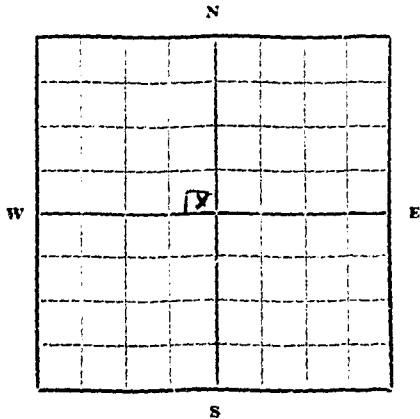
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SE 1/4 NW Sec. 8 T. 15 R. 11

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

2. The beneficial use on which the claim is based well No. 3
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) all the well will produce 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof stock water
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal SE 1/4 NW Sec. 8 - T. 15 - R. 11 E. Electric Powered Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950 drilled 5 inch casing
8. The depth of water table 153 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 153 ft 5 inch casing
10. The estimated amount of groundwater withdrawn each year do not know
11. The log of formations encountered in the drilling of each well if available do not know
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 B. C. Schmitt

Date 12-18-63

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

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

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

32606

328

WATERED GROUNDWATER RIGHTS  
B. C. SCHMITT

WARRANT Dec. 8-15-11

122048

State of Montana  
County of Judith Basin  
Filed for record this 19th  
day of Dec. A. D. 1963 at  
1:35 o'clock P.M.  
Delight Leslie, Clerk and Rec.

by \_\_\_\_\_ Dep.

Fee \$2.00 pd

File No. ....

T 15<sup>N</sup> R 11<sup>E</sup>

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

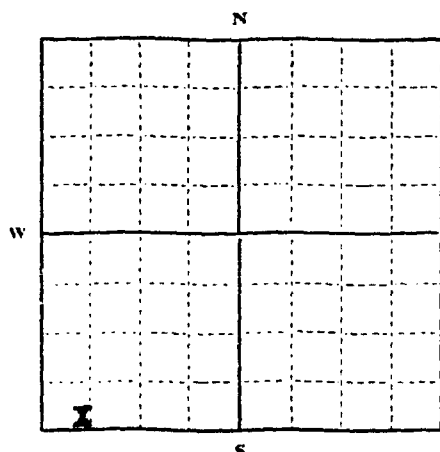
RECEIVED  
JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Peter J. Marcoff, of Rt. 2, Stanford  
(Name of Appropriator) (Address) (Town)  
County of Judith Basin State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SWASW

Sec. 25 T. 15R. 11

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 spring  
used for livestock purposes
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximately 40 years,  
continuously since this date;
4. The amount of groundwater claimed (in miner's inches or gallons per minute) not known
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  
does not apply
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring;  
natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater does not apply
8. The depth of water table does not apply
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 does not apply
10. The estimated amount of groundwater withdrawn each year not known
11. The log of formations encountered in the drilling of each well if available none
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 known

Signature of Owner

Peter J. Marcoff  
Date December 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.

32881

File No. 605

Peter J. Marcoff

SW $\frac{1}{4}$ /SW $\frac{1}{4}$  Sec. 25-15-11

State of Montana

County of Judith Basin

Filed for record this  
31st day of Dec. A.D. 1963  
At 3:48 P.M.

*Del. H. Healey*  
County Clerk

Fee \$2.00 Paid.



File No. ....

T. 15N R. 11E

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 7, 1963

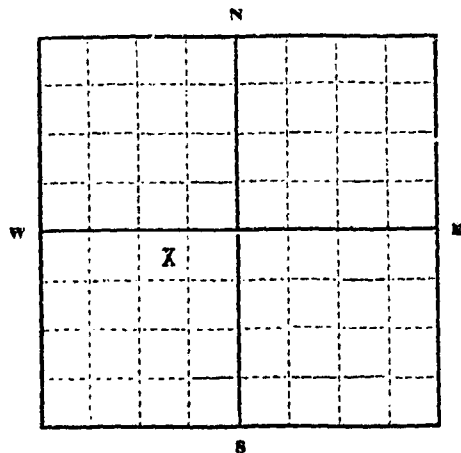
Owner Hughes Livestock Co., Address Stanford, Montana

Contractor (if any) J.B. Long

Address of Contractor Stanford, Montana

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 flow from springs.



1/4 Sec. 27, T. 15N R. 11E

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

NE 1/4 of SE 1/4

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 250,000 gallons

per year varies. Used continuously for livestock and  
irrigation.

Hughes Livestock Co., Inc.

Signature of Owner *Donald H. Hughes*

President

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.

32792

#516

HUGHES LIVESTOCK CO., INC.

Sec. 27-15-11

State of Montana

County of Judith Basin

Filed this 31st day of  
December A. D. 1963 at  
1:20 o'clock P.M.

*Delight Keeler*  
County Clerk.

Fee \$2.00 Paid.

File No. ....

T. 15 R. 111

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 4, 1910Owner Hughes Livestock Co., Address Stanford, MontanaContractor (if any) Long Inv. CompanyAddress of Contractor Stanford, MontanaDate Started June 1910 Date Completed July 1910

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A spring coming out of the earth on

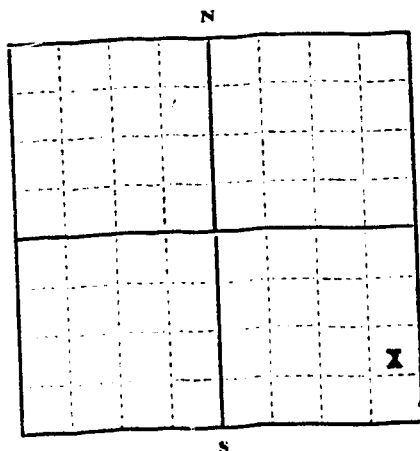
a side hill. Dug a hole 6' deep, and put in a wooden

box; then then dug a trench 210 feet long, 2 feet deep, and put in a galvanized pipe, 2" into the house and for  
livestock and irrigation.

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

estimate approximate lengths of periods of use. Used the year

around 25 gallons a minute.



$\frac{1}{4}$  Sec. 28 T. 15 N. R. 11 E

Indicate point of appropriation and place of use, if possible.  
NE  $\frac{1}{4}$  of SE  $\frac{1}{4}$

Signature of Owner Hughes Livestock Company, Inc.  
[Signature]

Date December 27, 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.

Fee \$2.00 Paid.

County Clerk.

Filed this 27th day of Dec.  
D.D. 1963 at 2:30 o'clock P.M.  
State of Montana  
County of Judith Basin  
HUGHES LIVESTOCK CO.  
RECEIVED Sec. 28-15/11

File #416

32692

File No. 416

NE~~1~~SE~~1~~ Sec. 28-15-11

HUGHES LIVESTOCK COMPANY

State of Montana

County of Judith Basin

Filed this 27th day of  
December A. D. 1963 at 2:30  
o'clock P.M.

*Deborah L. Lister*  
County Clerk.

Fee \$2.00 Paid.

File No. ....

T. 15. R. 11. E.

DUPLICATE

County. Golden

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

Notice of Completion of Groundwater Appropriation  
Without Well

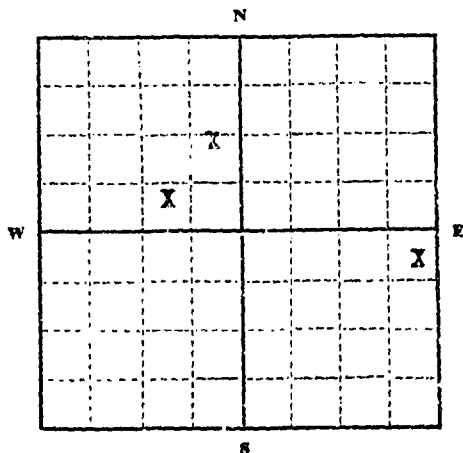
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1883Owner Hughes Livestock Co., Address Stanford, MontanaContractor (if any) Bower BrosAddress of Contractor Stanford, Montana

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 flow from springs.

1/4 Sec. 29. T. 15. R. 11.Indicate point of appropriation  
and place of use, if possible.

NE 1/4 of SE 1/4 of Sec

1. Sec. 21- 15-11

SW 1/4 of NW 1/4

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

estimate approximate lengths of periods of use. Used for live-stock and irrigation.100,000 gallons a year.Signature of Owner Hughes Livestock Co., Inc.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.

32795

#519

Hughes Livestock Co.

Sec. 29-15-11

State of Montana

County of Judith Basin

Filed this 31st day of  
December A. D. 1963 at  
1:35 o'clock P.M.

*Delilah Parker*  
County Clerk.

Fee \$2.00 Paid.

File No. ....

T. 15 N. R. 11 E.

DUPLICATE

County Judith Basin

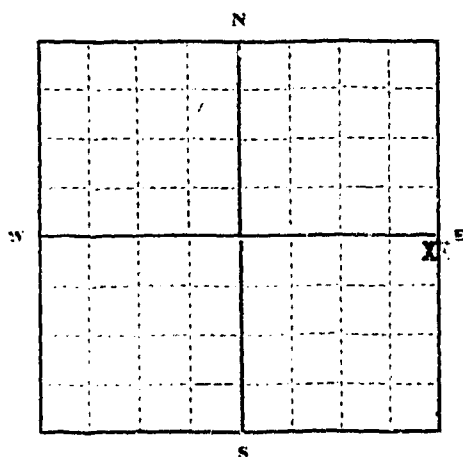
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1917Owner Hughes Livestock Co., Address Stanford, MontanaContractor (if any) Willis BloxmanAddress of Contractor Stanford, MontanaDate Started 1917 Date Completed 1917

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs rising out of the earth, through rock formations.



$\frac{1}{4}$  Sec. 29 T15N R11E

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

NE  $\frac{1}{4}$  SE  $\frac{1}{4}$

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. Water used for

irrigation and to water livestock. Used eleven

months out of the year.

Signature of Owner Hughes Livestock Company, Inc.  
Harold S. Hughes

Date December 26, 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. 413  
NEENE/SE/4  
Sec. 29-15-11  
Hughes Livestock Company

State of Montana  
County of Judith Basin

Filed this 27th day of  
December A. D. 1963 at  
2:15 o'clock P.M.

Delbert Keelie  
County Clerk.

Fee \$2.00 Paid.



File No. ....

DUPLICATE

T. 15 N. R. 11 E

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

STATE ENGINEER  
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June, 1920

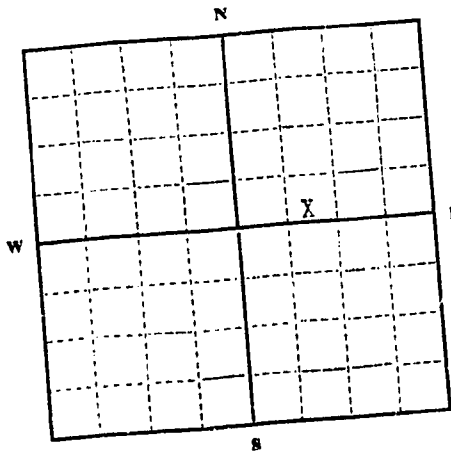
Owner Hughes Livestock Co. Address Stanford, Montana

Contractor (if any) Al Close & Neill

Address of Contractor Stanford, Montana

Date Started June 1920 Date Completed June 1920

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



1/4 Sec. 35 T. 15. R. 11E  
Indicate point of appropriation  
and place of use, if possible.  
SW of NE

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

estimate approximate lengths of periods of use. Used for Irrigat

tion most of year. Used for Irrigation during the summer months.

Signature of Owner Hughes Livestock Co. *[Signature]*  
President

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.

32793

#527

~~REGISTERED~~  
HUGHES LIVESTOCK CO.

Sec. 35-15-11

State of Montana

County of Judith Basin

Filed this 31st day of  
December A. D. 1963 at  
1:25 o'clock P.M.

Joseph Leelee  
County Clerk.

Fee \$2.00 Paid.

52,837

#766     21

GROUNDWATER APPROPRIATION

X Z RANCH

NE 1/4 of Sec. 52

Twp 15 N, R 11 E

STATE OF MONTANA

County of Judith Basin

Filed for record this 6th day  
of April A.D. 1973 at 10:30 a.m.

Delight Leslie Co. Clerk

Mary Lee Corrie Deputy

Fee: \$2.00 pd

32

T. 15N R. 11E  
County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

	X		

Owner Chas., George & Percy Coyins Address Stanford, Montana  
Driller James Richmond Address Moccasin, Montana  
Date Started June 10, 1934 Date Completed July 10, 1934  
Location: Sec. 32 T. 15N R. 11E 1/4 sec. NE 1/4 SW 1/4

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

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

Casing: 30 ft. to ft. Type Concrete Size 5 feet diameter  
Casing: ft. to ft. Type Size  
Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level 23 feet at 20 gal. per min.

How tested: Estimated

Length of test

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

(over)

County Judith Basin Twp. 15 N Rge. 12 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Ridgeway, Russell	Well log	None	
2	United Cattle Co. of America	GW-4	119302	
3	Mikaelson, Charles W.	"	1157	
5	Hughes Livestock Co.	GW-3	12,400	
5	" " "	"	12,300	
6	" " "	GW-4	514	
9	" " "	GW-3	513	
10	Schlepp, Warren	GW-3	392	
11	" " "	GW-4	396	
12	Knutsen, William	"	119513	
12	Tripp, John L.	"	603	
12	Willey, W. Dale	Well log	-	
14	Kochirer, Albert & William	GW-4	122153	
16	Saults by, Joe E. & Alice	"	122505	
18	Hughes Livestock Co.	"	367	
18	" " "	"	368	
18	" " "	"	369	
18	" " "	"	370	
18	" " "	"	371	
19	" " "	"	372	
21	Saults by Bros.	"	373	
22	Saults by, Joe E. & Alice	"	122506	
23	Kochirer, Albert & William	"	122154	
24	" " "	"	122155	
25	Knutsen, A.C.	"	119136	
25	" " "	GW-3	119137	
27	Saults by Bros.	GW-4	600	
28	" " "	"	601	
29	Nelson, R.F., Peter J.	"	602	
29	Rosenquist, Byron N.	"	603	
30	Hughes Livestock Co.	GW-3	514	
30	Rosenquist, Byron N.	GW-4	611	
30	Nelson, R.F., Peter J.	"	604	
30	" " "	"	605	
33	Larson Bros.	GW-1	118101	
33	" " "	GW-4	423	
35	" " "	"	422	
12	Ridgeway, Russell	Well log	None	
12	Turner, Roland J.	GW-3	589	
<del>4</del>	<del>Ridgeway, Russell</del>	<del>Well log</del>	<del>62</del>	
4	Ridgeway, John & Emma	GW-4	584	

Form No. 18  
8-60

T. 15 R. 12

County of Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER

	X	

Owner Russell Ridgway Address Windham, Montana

Driller O. C. Thatcher Address Stanford, Montana

Date Started Oct. 31, 1960 Date Completed Nov. 3, 1960

Location: Sec. 1 T. 15 R. 12  $\frac{1}{4}$  sec. NW SE

This well is on State Land.

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

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

Casing: 0 ft. to 451 ft. Type Cemented Size \_\_\_\_\_

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

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

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

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

Static Water level, for non-flowing well: at 95' produces 100 gal. per minute at pumping

Shut-in pressure, for flowing well: Produces approx 15 gal. min pumping over  
\_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_ (date)

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

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

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

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

Cemented casing with 1 sack of cement

(over)

## Log of Well

[illegible]



File No. **C1(3)**T **15N** R **12E** MPM

DUPLICATE

County **Judith Basin**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

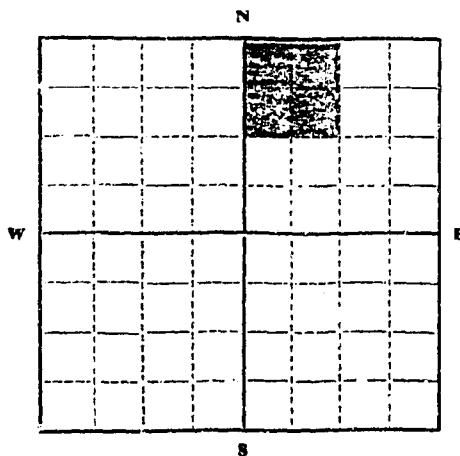
RECEIVED

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **United States of America** of **c/o U. S. Corps of Engineers**  
(Name of Appropriator) (Address) (Town)  
County of **Cascade** State of **Montana**  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE 1/4 Sec. 2 T15N R12E MPM

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 use**

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been.....  
**3 October 1960**  
**Continuous use**

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater.....  
**Started - 2 September 1960**  
**Completed - 3 October 1960**

8. The depth of water table..... **450 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.....  
**Drilled vertical well - 565 feet**

10. The estimated amount of groundwater withdrawn each year..... **2980 gallons**

11. The log of formations encountered in the drilling of each well if available.....  
**Shale and sandstone of various types**

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.....

UNITED STATES OF AMERICA

By **John E. Ritchie, Actg. Chief**  
Great Falls Real Estate Ofc  
Date **10 April 1962**

Signature of Owner

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.

No. 163

NW NE Sec. 2-15-12

Vested Gr. W. Rights.

119328

Filed for record this 1st day  
of May at 1:05 o'clock P.M.

Delight Leslie, Clk. & Rec.

by Betty Crutcher Dep

Fee  
\$2.00 pd.

Withdrawn 4/26/62 Judith Basin County  
County of Judith  
Filed APR 20 1962  
at 11:15  
County Clerk and Recorder  
Judith Basin

COPY

8612

File No. ....

T 15 R 12

DUPLICATE

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 15 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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


NE 1/4 SE Sec. 3 T. 15R. 12

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  
home and stock
- Date or approximate date of earliest beneficial use; and how continuous the use has been  
1942  
continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute)  
10 gals per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
self flowing
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1942
- The depth of water table  
Surface
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled well depth-500 ft. size-2 inches casing
- The estimated amount of groundwater withdrawn each year  
unknown
- The log of formations encountered in the drilling of each well if available  
Yes
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 30-1962

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

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

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

32732

File No. 457

Clarence M. Mikkelsen

NE~~4~~/SE~~4~~ Sec. 3-15-12

State of Montana

County of Judith Basin

Filed this 30th day of  
December A. D. 1963 at  
1:45 P. M.

*Delbert L. Leslie*  
County Clerk

Fee \$2.00 Paid.

File No. ....

T. 15 R. 12  
County Judith Basin

DUPLICATE

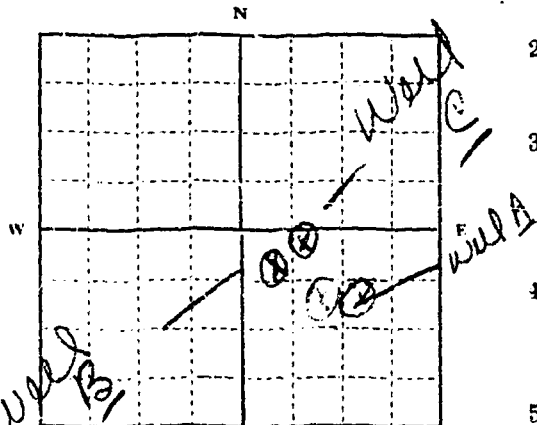
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 15 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



See Below for description  
 Sec. 4 T. 15 R. 12

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

Well A- NE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 4-15-12  
 Well B and C- NW $\frac{1}{4}$ SE $\frac{1}{4}$  Sec. 4-15-12

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1925, continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1925

8. The depth of water table 7 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  
A - 700 feet, 6 in. casing  
B - 700 feet, 6 in. casing  
C - 500 feet - 3 in. casing

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner John Ridgway  
 Date 12-30-63

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

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

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

32860

584

John Ridgeway

Sec. ~~20-26-12~~ 4-15-12

State of Montana  
County of Judith Basin  
Filed for record this  
31st day of Dec. A.D. 1963  
at 3:27 o'clock P.M.  
Delight Leslie, Clerk and Rec.  
by Betty Outmore Dep.  
Fee \$2.00 pd.

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

T. 15 N. R. 12 E.

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES

County DEERBOLT

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 14, 1972

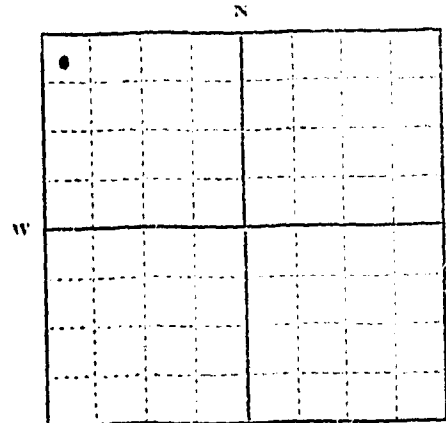
Owner Hughes, William C. Address Blair, Montana

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. CHALK SPRING 50' DEPT.



NW 1/4

S

1/4 Sec. 5, T15N R12E

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

Spring approximately 50' S.  
75' East of NW of Section 5 corner,  
located in NW of NE of Section 5,  
T. 15N R. 12E S. 6.

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. 5-10 minutes

use intermittent use by stock, on a rotational basis.

Signature of Owner \_\_\_\_\_

Date July 14, 1972

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.

Doc. No. \_\_\_\_\_

Filed for record

this \_\_\_\_\_ day of \_\_\_\_\_

A. D. 19 \_\_\_\_\_, at \_\_\_\_\_

o'clock \_\_\_\_\_ M.

50,926

73  
RECEIVED  
File No. \_\_\_\_\_ JUL 14 1972

Approved Stock Form—State Publishing Co., Helena, Montana 42762

5  
T. 15 N. R. 12 E.

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 14, 1972

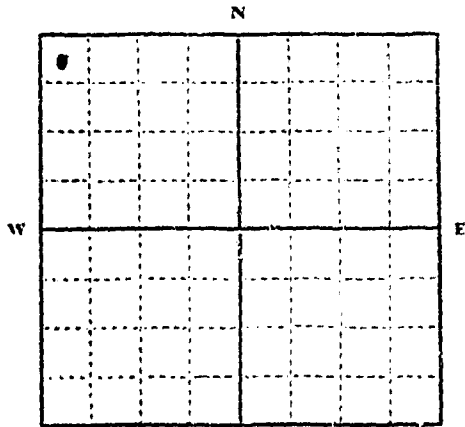
Owner Hughes Livestock Co. Address Stanford, Montana

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. Shallow spring development.



NW/4NW/4

1/4 Sec. 5 T15N R12E

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

Spring approximately 50' S.  
75' East of NW of Section 5 corner,  
located in NW of NW of Section 5,  
T15N R12E.

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. For Livestock  
use intermittent use by stock, on a rotation basis.

Signature of Owner \_\_\_\_\_

Date July 14, 1972

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.

Doc. No. \_\_\_\_\_  
Filed for record  
this \_\_\_\_\_ day \_\_\_\_\_  
A. D. 19 \_\_\_\_\_  
o'clock \_\_\_\_\_ M.

2-17-B

50,926



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

Owner Hughes Livestock Co.  
Address Stanford, MT 59479  
Location T. 15N R. 12E Sec. 5  
Doc. No. \_\_\_\_\_

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

Special Instructions:

Please provide the county filing information for the attached form.

Thank you.


NE/1/4

S

.....1/4..... Sec. 5, T. 15N R. 12E

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

75' East of NW of Section 4 corner,  
located in NE of NW of Section 5,  
T. 15N R. 12E Sec. 5.

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

estimate approximate lengths of periods of use.....

use intermittent use by stock, on a rotational basis.

Signature of Owner.....

Date.....

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.

Doc. No. 131400 # 745  
Filed for record  
this 14<sup>th</sup> day of July  
A. D. 19 72, at 11:55  
O'clock A. M.

Wm. B.  
Deputy

J. F. B

50,726

File No. JUL 14 1972

T. 15 N R. 12 E.

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

County Smith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 14, 1972

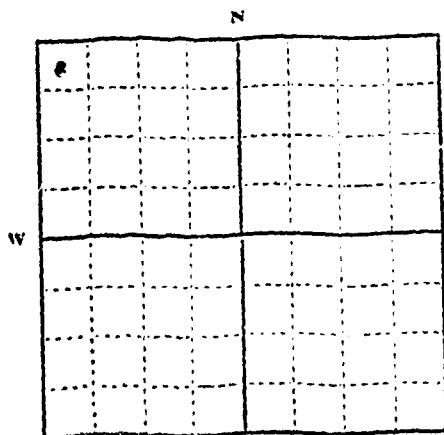
Owner Hughes Livestock Co. Address Box 100, Montana

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 S. G. E. Development.



N 1/4 NW 1/4

1/4 Sec. 5, T. 15 N. R. 12 E.

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

Spring located 1/4 mi. N. of  
75' East of NW of Section 5 corner,  
located in NW of NE of Section 5,  
T. 15 N. R. 12 E.

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

estimate approximate lengths of periods of use. \_\_\_\_\_

use intermittent use by stock, on a rotational basis.

Signature of Owner \_\_\_\_\_

Date July 14, 1972

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.

Doc. No. 131400 745  
Filed for record  
on July 14  
A. D. 1972 at 10:55  
of clock 10:55

M. L. B.  
Secretary

J. F. B.

50,926

File No. JUL 17 1972

T. 15 N R. 12 E

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

County Judith Basin

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 14, 1972

Owner Hughes Livestock Co. Address Star Fort, Montana

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. Shallow Spring development.

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

estimate approximate lengths of periods of use. \_\_\_\_\_

use intermittent use by stock, on a rotational basis.

Signature of Owner \_\_\_\_\_

Date July 14, 1972

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.

Doc. No. 137400 745  
Filed for record  
this 14<sup>th</sup> day of July  
A. D. 1972, at 11:55  
o'clock P.M.

W. L. B.  
Deputy

J. F. B.

50,926

File No. JUL 17 1972T. 15 N R. 12 E

TRIPLICATE

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATIONCounty Judith BasinSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 14, 1972Owner Hughes, Ernest C. Address Box 100, Delta

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started 7-14-72 Date Completed 7-14-72Describe means of obtaining groundwater without a well "as by  
sub-irrigation and other natural processes". Include depth to  
water when applicable. 60' to 75' deep gravel pit.60 gallons per minute.Had a backhoe and tractor and dug out the head  
of the spring, which increased the flow of water.Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use \_\_\_\_\_

use intermittent use by stock, on a rotational basis.

Signature of Owner \_\_\_\_\_

Date July 14, 1972

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.Doc. No. 131400  
Filed for \_\_\_\_\_  
the 17 day of July  
A.D. 1972 at Delta  
O'clock 4 P.M.Judith Basin County Clerk  
Delight Kelle

50,926