

File No.....

DUPLICATE

T. 8^N R. 28^E 32

County: Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

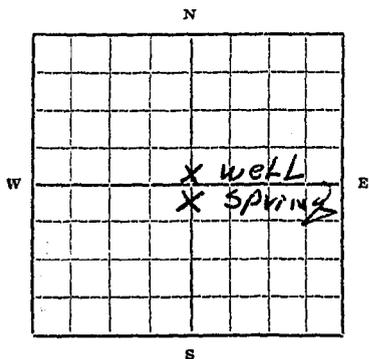
JAN 3 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jim H. Brown, of Roundup, (Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Center of Sec 32 T. 8. R. 28

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Spring 1900
Well 1912
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Spring 10 gal per min
Well 5 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
Well - Pump
Spring - Flows Naturally

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Well - 1912

8. The depth of water table
40 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
Spring Flows Naturally
Well 280 Ft. deep. approx. Cased

10. The estimated amount of groundwater withdrawn each year
Spring 400,000 gallons
Well 300,000 gallons

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

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

Signature of Owner Jim H. Brown

Date December 30, 1963

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

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

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

20634

169790

STATE OF MONTANA, (ss)
MUSSELSHELL COUNTY, (ss)

FILED THIS 31 DAY OF

dec A. D. 1963

AT 5:46 O'CLOCK P.M.

FILED MATTERS

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

GW 2

File No.

MONTANA
RECORDS

Sec. 33
NE 1/4 SE 1/4

T. 8n R. 28e

33

DUPLICATE

00718 1971

County Musselshell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(If above sea level.....)
3050 ft

brown sandstone
gravel w/ sandstone strks
sandstone brown w/ blue shale
blue shale & clay

Doc No. 182720
Filed for record
this 8 day of October
D. 19 77, at 9:45
clock 4 M.

Owner Gerald Kaufman Address Delphia, Mont

Driller Merle E. Hunt Address Klein Star Rte. Roundup, Mont.

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

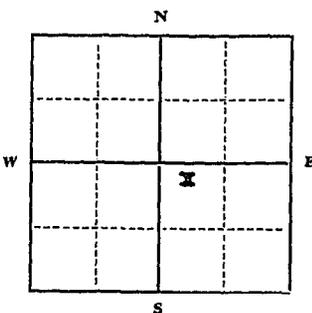
Date well started Aug. 8, 1971 Date completed Aug. 9, 1971

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8	7" 17 #	8	50	slotted	12	36



Static Water Level for non-flowing well 8 feet.

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

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

Discharge in gal. per min. of flowing well.....

How Tested bailed

Length of Test 2 hrs

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

NE 1/4 SE Sec. 33 T. 8N R. 28E

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

(Continue on reverse side)

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

50

Show exact depth of bottom.

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

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

207

Driller's License Number

Merle E. Hunt
Driller's Signature.

49211

182720

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 8th DAY OF

October A. D. 1921

AT 9:45 O'CLOCK P. M.

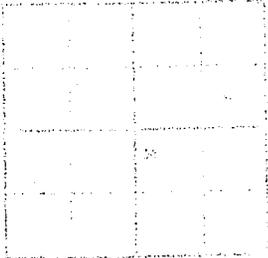
CLAUDE F. FLETCHER

COUNTY RECORDER

Louis Stevens

DEPUTY

20



RECORDS SECTION
MUSSELSHELL COUNTY
MONTANA
FILED
OCT 8 1921
CLAUDE F. FLETCHER
COUNTY RECORDER

34

File No.

T. 8 N., R. 28 E.

DUPLICATE

County Musselshell

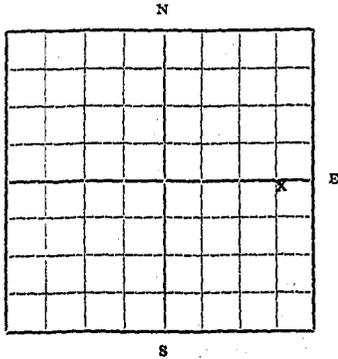
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 17 1962

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

STATE ENGINEER

1. Helen Keller of Delphia
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE1/4SE1/4
Sec. 34, T. 8N. R. 28E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20, 1948, and continuously thereafter.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pipe and jack. Located in the NE1/4NE1/4SE1/4 of Section 34-8-28.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed May 20, 1948.

8. The depth of water table 80 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 80' deep, 6" casing, Withdrawn by means of pipe and jack.

10. The estimated amount of groundwater withdrawn each year 260,765 gallons

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

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

Signature of Owner Helen Keller

Date April 13, 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.

166171

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } ss.

FILED THIS 16 DAY OF

April A. D. 1962

AT 1:22 O'CLOCK P.M.

E. H. MATZKE

COUNTY RECORDER

Clarence J. Gussman
DEPUTY

\$ 2.00

GW 2

Well No. 5

File No.

T. 8 N R. 28 E

County Mussakell

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 25 1962

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner *Helen Miller* Address *Roundup Mont*

Driller *Clyde Sando* Address *1141 Miles Ave Billings*

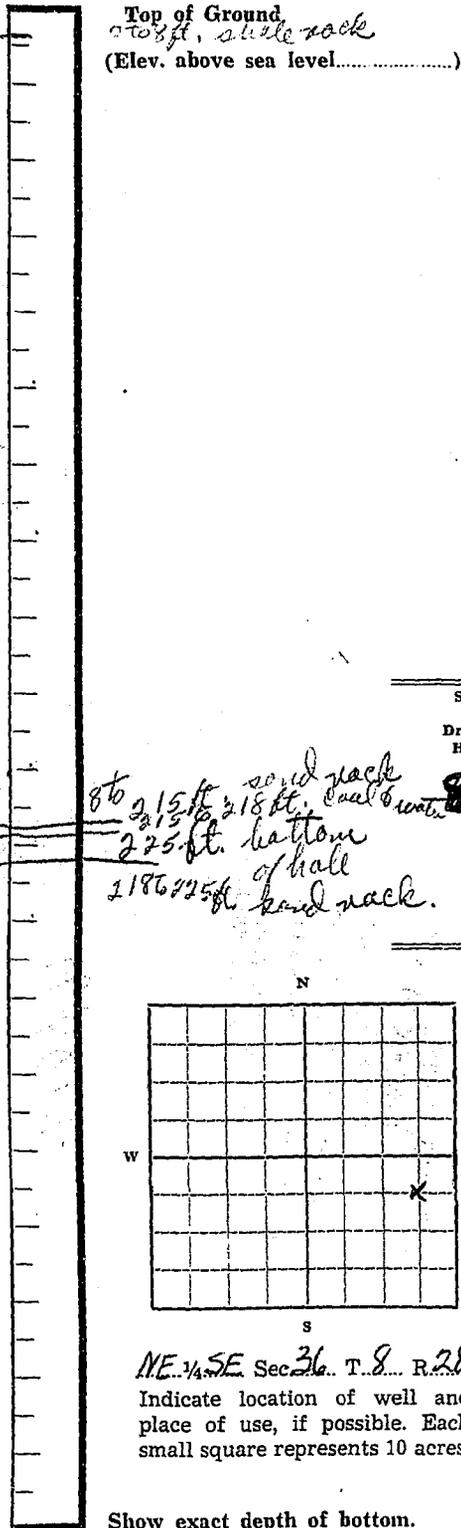
Date of Notice of Appropriation of Groundwater

Date well started *5/25/62* Date Completed *5/19/62*

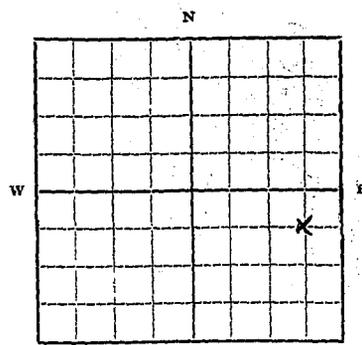
Type of well *drilled* Equipment Used *Cable*
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	24 lb	0	10 ft 3 in.			
6"	16" galv.	0	220	standard galv.	220	190



NE 1/4 SE Sec 36 T. 8 R. 28
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well *175* feet

Shut-in Pressure for Flowing Well

Pumping Water Level *45* feet at *8* gal. per minute.

Discharge in gal. per min. of flowing well

How Tested *bailed* Length of Test

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

2
Driller's License Number

Clyde Sando
Driller's Signature

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

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

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

GROUNDWATER INDEX

County Musselshell Twp. 8N Rge. 29E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	McCommell, Eugene	GW3	169564	
2	" "	GW4	169563	
2	Hillman, Hugh	GW4	169574	
2	" "	GW4	169571	
3	Strang, W.B.	GW3	169769	
5	" "	GW4	169763	
5	" "	GW3	169770	
5	" "	GW4	169764	
6	Davis, Bert H.	GW3	169879	
6	" "	GW4	169877	
7	Harvey, Ralph	GW4	169522	
7	" "	GW4	169533	
8	Rubin, Fred	GW4	169249	
8	Dunkan, Lloyd	GW4	169718	
9	" "	GW4	169770	
9	" "	GW3	169719	
10	Hillman, Hugh	GW4	169569	
11	" "	GW4	169570	
12	Harvey, Ralph	GW4	169531	
12	" "	GW3	169526	
12	" "	GW3	169528	
14	Hillman, Hugh	GW4	169573	
17	" "	GW4	169573	
20	Jucker, Marguerite	GW4	169250	
20	Jensen, Clayton	GW2	182297	
22	Harvey, Ralph	GW3	169527	
23	Northern Pacific Railway Company	GW4	168907	
24	Harvey, Ralph	GW4	169530	
24	" "	GW4	169529	
25	Bar U Bar Cattle Co.	GW3	169221	
25	" " " "	GW4	169227	
26	" " " "	GW4	169226	
26	" " " "	GW4	169228	
28	" " " "	GW4	169228	
28	" " " "	GW4	169230	
28	" " " "	GW3	169222	
29	Rubin, Fred	5706		
29	" "	5706		
30	" "	5706		
30	" "	GW4	168808	
30	" "	GW4	168809	
30	" "	GW4	169539	
32	Clute, Rosa	GW4	169533	
33	Bedford, Henry	GW2	184633	
34	Hillman, Hugh	GW4	169572	
34	Phillips, Mrs Ruth	GW3	169220	

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.

T. 8 N R 29 E

DUPLICATE

County MUSSELSHELL

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater DEC. 30, 1963

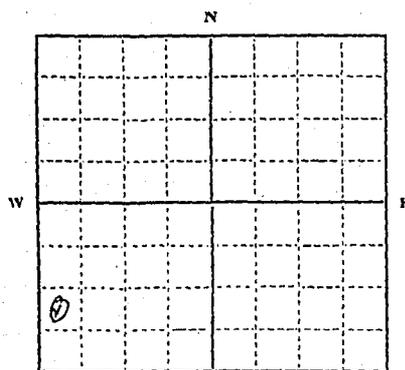
Owner EUGENE McCONNELL Address Roundup, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started NOT APPLICABLE Date Completed NOT APPLICABLE

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



SW 1/4 Sec. 1 T. 8 R. 29

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. APPROXIMATE

FLOW 10 GAL. PER MIN. NATURAL

Flow CONTINUOUS

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.

17813

169564

STATE OF MONTANA,
MUSSELSHELL COUNTY,)

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 2:26 O'CLOCK P M.

E. H. MATZKE

COUNTY RECORDER

James L. Dawson

DEPUTY

\$2.00

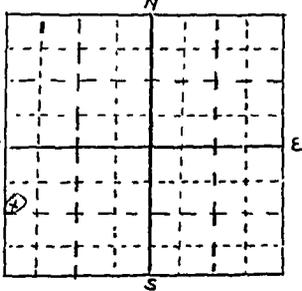
T. 3 N R. 27
County MUSELSELL

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1960) STATE ENGINEER

1. EUGENE McCONNELL of Box 41 Roundup
(Name of Appropriator) (Address) (Town)
County of MUSELSELL State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



- 2. The beneficial use on which the claim is based.....
Stock and domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been DEC. 25, 1962 CONTINUOUS
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....1.2 GAL. PER MIN.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
LIFT PUMP

5. W. 2 Sec. 2 T. 3 N R. 27
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ... DEC. 10, 1962 - DEC. 25, 1962
- 8. The depth of water table ... 65'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 INCH DIAMETER 100' DEPTH
- 10. The estimated amount of groundwater withdrawn each year... 50,000 GAL.
- 11. The log of formations encountered in the drilling of each well if available... ON FILE
- 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 court record.....

Signature of Owner Eugene McConnell
Date Dec. 30, 1963

169563

STATE OF MONTANA,
MUSSELSHELL COUNTY. }^{ss.}

FILED THIS 30 DAY OF
Dec A. D. 19 63
AT 2:24 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER
Francis L. Dawson
DEPUTY

\$2.00

P.
L.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—4192

File No.....

T. 8 N R. 29 E ²

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

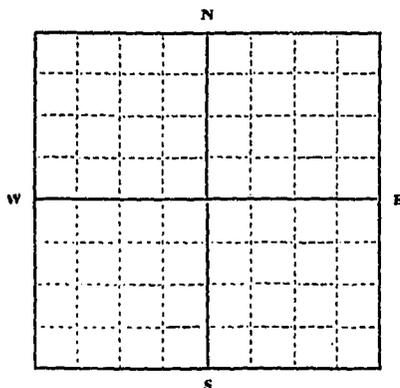
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh Hillman, of Musselshell (Town)
(Name of Appropriator) (Address)

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



NW/4NW Sec. 2 T8 R. 29

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 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.....
cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1953

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Drilled 4 in casing 190 feet

10. The estimated amount of groundwater withdrawn each year.....
40,000 gal 60,000 gal

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: Hugh Hillman

Date: 1/2/64

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.

17823

169574

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF
Dec A. D. 1963

AT 2:46 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

\$2.00

GW

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

File No.

T. 8 N. R. 29 E. 2

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

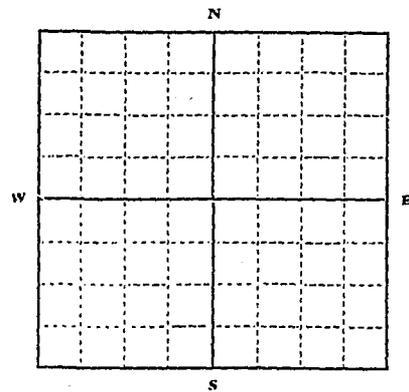
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Hugh H. Hillman, of Musselshell County, Montana State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW. Sec. 2 T. 8 R. 29

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 stock

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

1915

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

8 gal per min

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

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

pressure pump

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

Not known

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

24 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 well 3 in casing

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

100,000 gal.

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

No log

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.....

Hugh Hillman

Date 1/28/63

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.

17820

169571

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ^{ss.}

FILED THIS 30 DAY OF
Dec A. D. 1963
AT 2:40 O'CLOCK P.M.
B. H. MATZKE

COUNTY RECORDER
Frances L. Dawson
DEPUTY
2.00

3

File No.....

T. 2N R. 29E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Year 1898

Owner W. B. Strang Address Musselshell, Montana

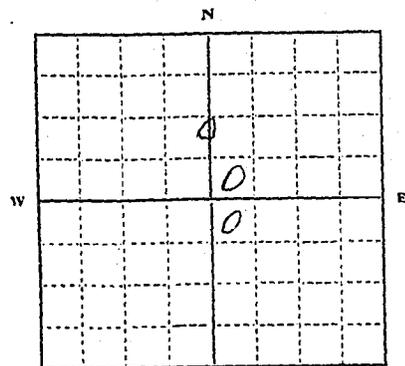
Contractor (if any) None

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.....

Surface springs utilized as stock water on range land.



1/4 Sec. 3 T2N R29E
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.....

4000 gallons per day for 100 days
400,000 gallons total - method of estimation,
400 head of cattle at 10 gallons of water per each
per day.

Signature of Owner W. B. Strang

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.

20613

169769

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF

December A. D. 1963

AT 5:04 O'CLOCK P. M.
W. M. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

GW 4

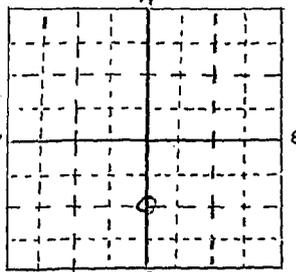
Section 5 in
SN 29E
T. R.
County, Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 8 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) ENGINEER

1. W. P. Strang, of Musselshell, (Name of Appropriator) (Address) (Town)
County of Musselshell, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based.....
. Stock water on range land.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Aug. 1948 and each year since.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
9 gallons per minute.....
5. S. 1/2 of Sec. 5... T. 8. N. R. 29 E. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and pump-jack South half of section 5.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water August 1948.....
8. The depth of water table 200 feet.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
. 6 inch hole - 320 feet in depth - 176 feet of 8 inch 20 gauge casing.....
10. The estimated amount of groundwater withdrawn each year..... 144,000 gallons.....
11. The log of formations encountered in the drilling of each well if available.....
Not available.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

Signature of Owner..... *W. P. Strang*
Date Dec. 31, 1963.....

20607

169763

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 31 DAY OF

December A. D. 19 63

AT 4:52 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

200

File No.....

T. 8N R. 29E

DUPLICATE

County. Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... Year 1945

Owner..... W. B. Strang Address..... Musselshell, Mont.

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.....

Surface springs utilized as stock water on range land.....

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.....

1200 gallons per day for 60 days - total 72,000 gallons.

Method of estimation - will water 120 head of cattle per day.....

Signature of Owner..... *W. B. Strang*

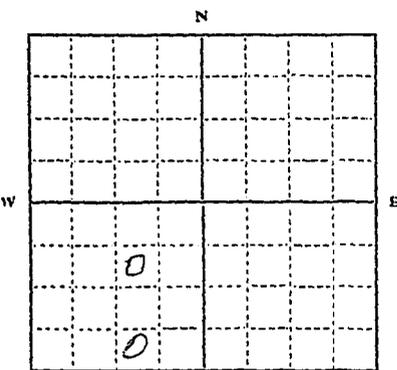
Date..... December 31, 1963.

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.



SW 1/4 Sec 5 T. 8N R. 29E

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

20614

169770

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

December A. D. 1963

AT 5:06 O'CLOCK P.M.

IRREI MATZKE

COUNTY RECORDER

Francis L. Dawson
2⁰⁰ DEPUTY

GW 4

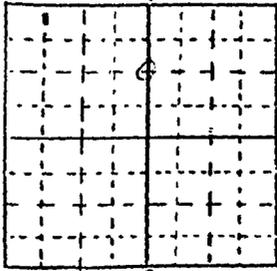
Section 8, in
T. 21 N. R. 17 W.
County, Hill

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS.
(Under Chapter 237, Montana Session Laws, 1961)

1. N. & G. STEVENS....., of Missoula, MT.....
(Name of Appropriator) (Address) (Town)
County of Missoula.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



- 2. The beneficial use on which the claim is based.....
Stock water on range land.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 as each year since.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....6 gallons per minute.....

N. & G. Sec. 5, T. 21 N. R. 17 W. 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.....

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and pump jack - center of north half of section 5

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
In the spring of 1949

8. The depth of water table135 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 inch hole - 200 feet of 6 inch, 20 gauge casing plus 23 feet of 3 inch perforated casing - total depth 223

10. The estimated amount of groundwater withdrawn each year.....144,000 gallons

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

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

Signature of Owner.....N. B. Stevens.....
Date December 31, 1963.....

20608

169764

RECEIVED
DEPT. OF JUSTICE
WASHINGTON, D. C.
DEC 31 DAY OF
December 1963
4:54 P
CLOCK

FRANCIS L. DAWSON
2

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

6

File No.....

T. 8 N. R. 29

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1905

Owner Bert H. Davis..... Address Delphia, Montana.....

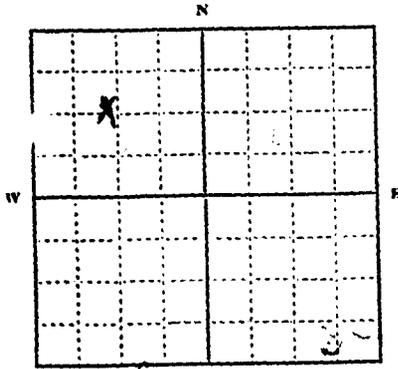
Contractor (if any)..... None.....

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..... Spring

5 Feet



Center of appropriation and place of use, if possible.
Center of appropriation Sec. 6 T. 8 R. 29

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..... Plenty to

water a 150 cattle. Seven months.

Signature of Owner Bert H. Davis

Date January 2, 1964

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

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

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

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

29075

169879

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 9 DAY OF

Jan A. D. 19 64
AT 2:52 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

82. 12

GW 4

State of Montana
Administrator of Groundwater Code
Office of State Engineer

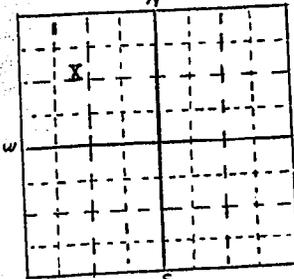
T.S. R29
County Musselshell

RECEIVED
JAN 10 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bert H. Davis, of Delphia, Delphia (Town)
(Name of Appropriator) (Address)
County of Musselshell, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Center of NW Sec. 4, T. 8, R. 29

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

- 2. The beneficial use on which the claim is based. Stockwater.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1942; in continuous use since that date.
- 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. Pump
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water. The year of 1942.
- 8. The depth of water table. 300 feet.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch casing, 300 feet deep.
- 10. The estimated amount of groundwater withdrawn each year. 153,000 gallons.
- 11. The log of formations encountered in the drilling of each well if available. Not available.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record. Not available.

Signature of Owner. Bert H. Davis
Date January 2, 1964

29073

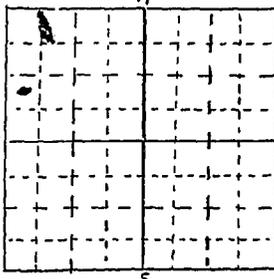
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. 8 N. R. 29 E. 1
County. Musselshell

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962) STATE ENGINEER

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



- 2. The beneficial use on which the claim is based.....
..... water for stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Jan. 29, 1954.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 10 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. Not used for irrigation.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
..... Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 2/1/58 1/29/54 (1954)
- 8. The depth of water table .. 50'
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
..... 210 ft. deep - 6 in. casing
- 10. The estimated amount of groundwater withdrawn each year.. 75,000
- 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 count record.....
.....

0-12 - soil & gravel
 12-25 buff shale
 25-27 hard ledge
 27-34 blue shale
 34-50 sandy shale
 50-72 blue shale
 72-73 coal
 73-84 grey shale
 84-85 hard ledge
 85-110 grey shale
 110-115 sandy shale
 115-118 green shale
 118-138 grey shale
 138-140 hard sand
 140-169 grey shale

Signature of Owner Ralph Harvey
Date Dec. 30, 1963

169-170 hard
170-201 sand
201 - v. hard.

169532

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF
Dec A. D. 1963

AT 11.22 O'CLOCK P.M.
E. H. MATZKE

COUNTY RECORDER
Francis L. Dawson
DEPUTY
\$2.00

T. 8 N. 29 E. 7
County Musselshell

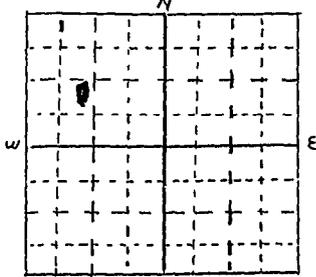
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 2 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

SINCE ENGINEER

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



NW 1/4 7 S 8 T 29 R

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

- 2. The beneficial use on which the claim is based.....
to be used for stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been not in use yet....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....30 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.....not for irrigation.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
 pump.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water.....
started in 1959 - not in use.....
- 8. The depth of water table unknown.....
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
8 in. hole - 650 ft. deep.....
- 10. The estimated amount of groundwater withdrawn each year.....not in use.....
- 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 count record.....
none.....

Signature of Owner Ralph Harvey
Date Dec 30 1963

169533

STATE OF MONTANA,)
MUSSELSHELL COUNTY,)

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 1:24 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

\$2.00

G

File No.

T. 8 N R 27

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

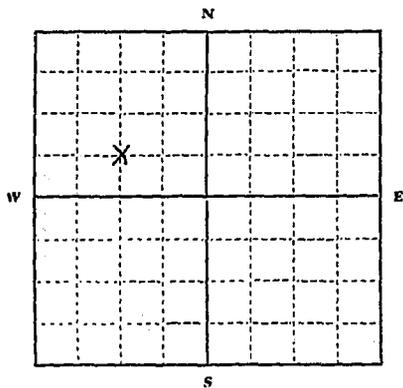
RECEIVED
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred Rubin, of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S W 1/4 Sec. 8 T. 8 R. 27

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 Linestocks

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15 1950
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 3 in. cylinder
and pump and gas engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1 1950 July 13 1950

8. The depth of water table 32 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 4 1/2 in. dia. 60 ft deep

10. The estimated amount of groundwater withdrawn each year 80,000 Gallons

11. The log of formations encountered in the drilling of each well if available 0-10 Top soil
10-18 Shale 18-21 Gravel 21-50 coarse brown sandstone
50-60 Blue shale

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

Signature of Owner Fred Rubin
Date Dec. 20 - 1963

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

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

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

11657

169249

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }^{SR.}

FILED THIS 20 DAY OF

Dec A. D. 1963
AT 1:15 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Brown
DEPUTY

42.00

STATE ENGINEER

RECEIVED
DEC 21 1963

0

RECEIVED
JUN 2 1964

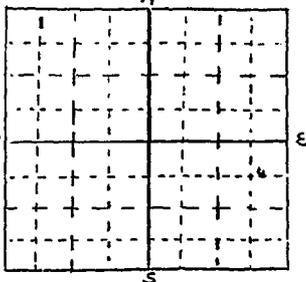
T. S. N. R. 29
County, Massachusetts

State of Montana
Administrator of Groundwater Code
Office of State Engineer

1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd Dunbar....., of Box 212... Massachusetts...
(Name of Appropriator) (Address) (Town)
County of Massachusetts.....State of Mont.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S5.4.4..Sec..8..T29..R

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

- 2. The beneficial use on which the claim is based...Household use...and...stock water.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915....year around....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)...200,000 gal. yearly.....
- 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...Nat. used for irrigation.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...1 1/2 in. pump & pump jack.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water...This date is unknown.....
The approximate date of drilling is 1915.....
- 8. The depth of water table...40 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...6 in. drilled well 80 ft. deep.....
- 10. The estimated amount of groundwater withdrawn each year...150,000 gal......
- 11. The log of formations encountered in the drilling of each well if available...Unknown.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record...There is not any known.....

Signature of Owner Victoria Pedergana
Date Dec. 31, 1962
By Lloyd Dunbar

169718

STATE OF MONTANA }
MUSKELSHIELL COUNTY }

FILED THIS 31 DAY OF
December A D 19 63
AT 3:07 O'CLOCK P.M.

EX EX MATRIS

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

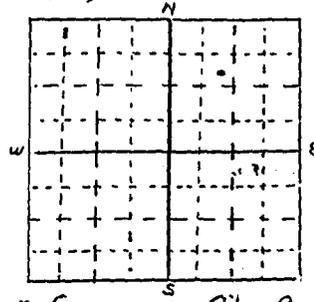
T...^N...R...^E...
County...⁹...

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS.
(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd Dunbar....., of Box 213..... Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell.....State of Mont......
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based... House Hold
use... etc... Musselshell.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 40 years.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 200,000 gpm.....

N.F. 1... Sec. 9... T. 8... R. 29 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... Not used... for 10 years.....

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water... Not drilled... in... 1953.....

8. The depth of water table... 20 FT.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 4 in. drilled well... 150' deep.....

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

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

Signature of Owner. Lloyd Dunbar
Date... Dec 31, 1963...

169720

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 3:12 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

SW 1

Approved Stock Form—State Publishing Co., Helena, Montana—42262-3

File No.....

T. 8 N. 29

DUPLICATE

County Musselshell

JAN 3 1964

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.....

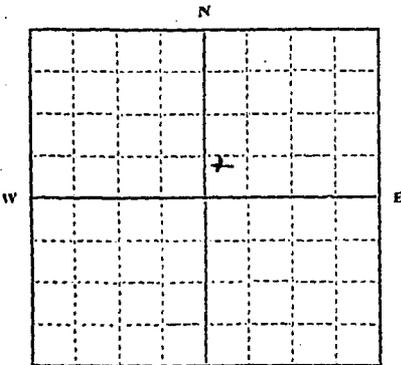
Owner Lloyd Dunbar Address Musselshell, Mont

Contractor (if any) None Natural

Address of Contractor None

Date Started 1958 Date Completed 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a gravel pit with water in it. The water is about 18' to water.



.....¹/₄..... Sec. 9 T. 8 R. 29
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. This is used for stock water. The year around. The quantity developed is unknown.

Signature of Owner Lloyd Dunbar
Date Dec. 31, 1963

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

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

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

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

20563

169719

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF
December A. D. 63
AT 3:10 O'CLOCK P

E. H. MATZKE

COUNTY REC.

Francis L. Lawson
200 DEPUTY

GV

File No.

T. S.N.R. 29E 2310

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

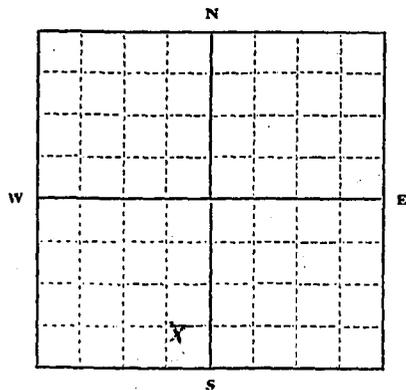
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Hugh Hillman , of Musselshell
(Name of Appropriator) (Address) (Town)

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



SW $\frac{1}{4}$ NW Sec. 10 T. 8. R. 29.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1945

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

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

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

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.....
60 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 4 inch casing 130 feet deep

10. The estimated amount of groundwater withdrawn each year.....
50,000 gal

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 Hugh Hillman

Date 12/28/63

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.

17818

169569

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19 03

AT 2:36 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

02.00

DEPUTY

GW

Approved Stock Form—State Publishing Co., Helena, Montana—1921

File No.

T. 8 N. R. 27E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

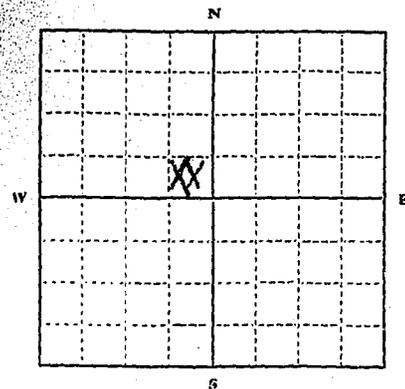
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh Hillman , of Musselshell (Town)
(Name of Appropriator) (Address)

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



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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gal per min.

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

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

SE 1/4 SW Sec. 11 T. 8. R. 29

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known

8. The depth of water table 24 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 well 3 in. casing

10. The estimated amount of groundwater withdrawn each year 50,000 gal.

11. The log of formations encountered in the drilling of each well if available
No log

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 Hugh Hillman

Date 12/28/63

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.

17819

169570

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 1963
AT 2:38 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.00

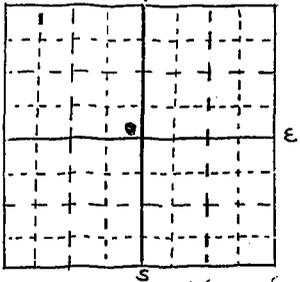
N E 12
T...R...
County...
RECEIVED
JAN 2 1964

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. Robert Harvey....., of Millerville.....
(Name of Appropriator) (Address) (Town)
County of Phillips.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:



.....1.....Sec. 13. T. 8. R. 29

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.....
.....for water & household.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..1908.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....20 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. Not used for irrigation.....

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ..1908.....

8. The depth of water table ..36 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.....
.....1 well - 6 in. casing - 300 ft. deep.....

10. The estimated amount of groundwater withdrawn each year...100,000 gal......

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

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

Signature of Owner Robert Harvey

Date Dec. 30, 1963

169531

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 1:20 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson

DEPUTY

2.00

12

File No.....

T. 8 N 29

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater About 1900

Owner Ralph Harvey address Missoula

Contractor (if any) None

Address of Contractor

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

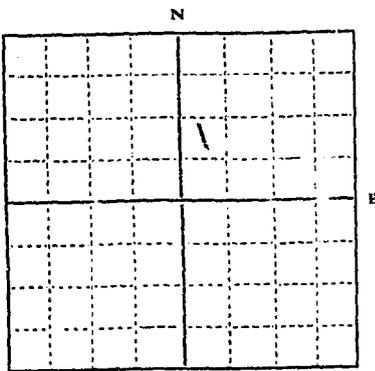
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Natural flow
0 to 20 ft.

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.....

6 mos. of the year.



NE 1/4 12 sec. 8 T. 29 R.
Indicate point of appropriation and place of use, if possible.

Signature of Owner Ralph Harvey

Date Dec 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.

1776

169526

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 1:10 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.00

File No.....

T. 8 N 29

DUPLICATE

County Missoula

RECEIVED
JAN 2 1964

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 1900 (about)

Owner Ralph Harney Address Missoula

Contractor (if any)

Address of Contractor

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

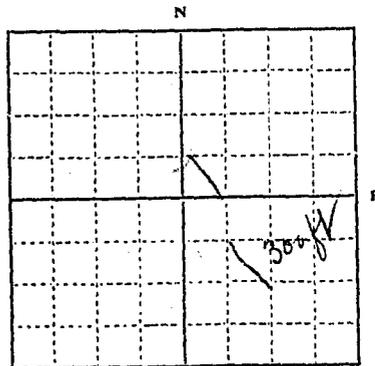
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Natural flow from 0 to 20 ft.

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 mos. of the yr.



S. 1/4 Sec. 12 T. 29 R. 8 N
Indicate point of appropriation and place of use, if possible.

Signature of Owner Ralph Harney

Date Dec 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.

17778

169528

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19 63
AT 1:14 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

James L. Dawson
DEPUTY

2.00

14

File No.

T. 8 R. 29

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

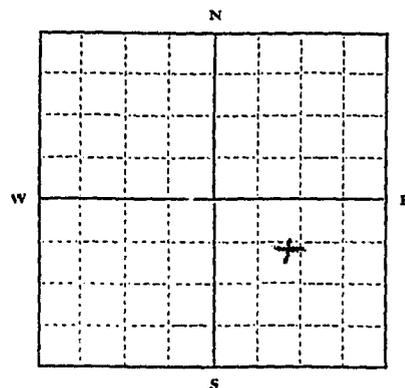
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh Hillman of Musselshell (Name of Appropriator) (Address) (Town)

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1956

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

SW 1/4 NE Sec. 14 T. 8 R. 29

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
June 1956

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

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

10. The estimated amount of groundwater withdrawn each year.....40,000 gal

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 Hugh Hillman

Date 12/28/63

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.

17824

169575

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 2:48 O'CLOCK P M.

B. H. MAJORS

COUNTY RECORDER

Francis L. Dawson

DEPUTY

\$2.00

GW

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

File No.

T. 8 N. R. 29 E. 17

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

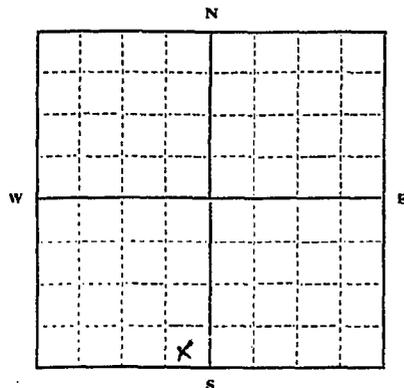
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



S.E. 1/4 Sec. 17 T. 8. R. 29

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

- 2. The beneficial use on which the claim is based. Stock Water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1930 used 6 months per year
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 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. pumped with windmill

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sometime in 1930
- 8. The depth of water table. 26 ft
- 9. So far as it may be available, the type, size and depth of each well of the general specifications of any other works for the withdrawal of groundwater. 4 ft in diameter, 28' deep
- 10. The estimated amount of groundwater withdrawn each year. 18,000 gallons
- 11. The log of formations encountered in the drilling of each well if available. Sand + shale
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner. Hugh Hillman
Date. 12/28/63

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.

17822

169573

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF

Dec A. D. 1963

AT 2:47 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis Dawson
DEPUTY

2.00

PL 1111111111

[Faint, illegible text and markings, possibly bleed-through or ghosting from the reverse side of the page.]

File No.

DUPLICATE

T. 2 N. R. 29 E. 20

County. Musselshell

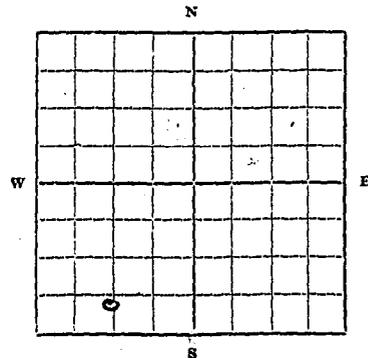
RECEIVED
DEC 23 1963

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. Mrs. Marguerite Tupper, of Poundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 20, T. 8, R. 29

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 10, 1954
continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70 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 centrifugal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 18, 1954
Completed well June 2, 1954

8. The depth of water table 12 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 8 in. diam. 60 ft deep
Gas engine operated 1/2 in. centrifugal pump

10. The estimated amount of groundwater withdrawn each year about 600,000 gallons

11. The log of formations encountered in the drilling of each well if available 0-5' = top soil
5' to 15' - sand and gravel, 15' to 23' - gravelly water,
23' to 30' - coarse sandstone, 30' - 60' - blue shale

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

Signature of Owner Mrs. Marguerite Tupper

Date Dec 9, 1963

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

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

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

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169250

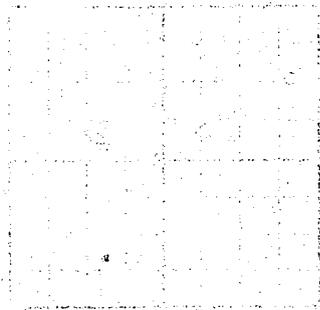
STATE OF MONTANA,
MUSSELSHELL COUNTY,) ss.

FILED THIS 20 DAY OF

Dec A. D. 1963
AT 1:17 O'CLOCK P. M.
R. H. MATZKE

COUNTY RECORDER
Elaine J. Gossens
DEPUTY

2.10



1963
MUSSELSHELL COUNTY
RECORDS
1963

Doc. No. 182297
 Filed for record
 File No. this 22 day of June
 A. D. 19 71, at 1:56
 o'clock P. M.

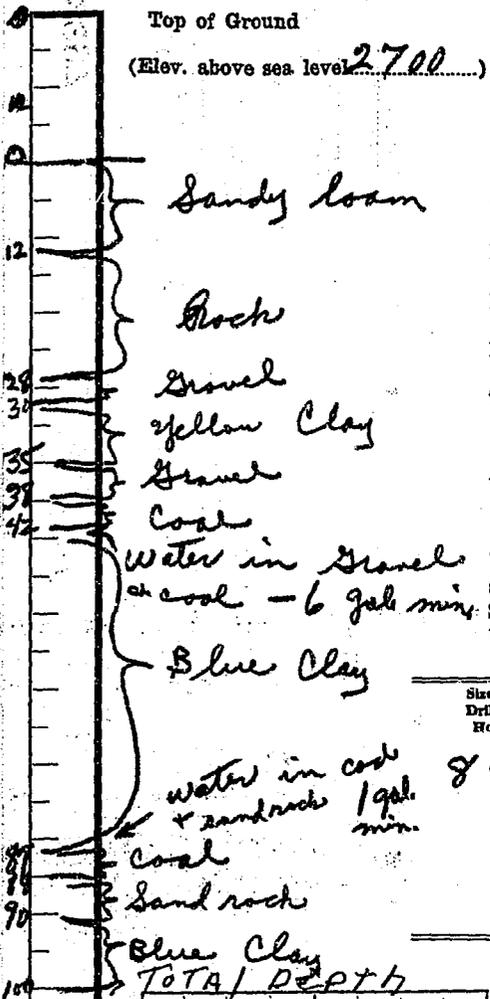
T. 8 R. 29 20
 County Musselshell

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER
 JUN 28 1971

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Clayton Jensen Address Musselshell, Mont.
 Driller Orville D. Twitche Address Musselshell, Mont.
 Date of Notice of Appropriation of Groundwater May 15, 1971
 Date well started May 20, 1971 Date Completed June 5, 1971
 Type of well drilled Equipment Used Cable tool
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock



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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" heavy plastic	0'	100'	slotted with shell saw	30'	50'
					85'	92'

Static Water Level for non-flowing Well 35 feet.
 Shut-in Pressure for Flowing Well Non-Flowing
 Pumping Water Level 8.5 feet at 9 gal. per minute.
 Discharge in gal. per min. of flowing well Non-Flowing
 How Tested Bailed Length of Test 1 hr.

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

None

NW 1/4 Sec. 20 T. 8 R. 29
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

105
 Driller's License Number
Orville D. Twitche
 Driller's Signature

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

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

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

48645

182297

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS: 23rd DAY OF

June A. D. 1921

AT 10:56 O'CLOCK P.M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Lucille Stevens
DEPUTY

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[Handwritten notes and signatures in the right margin, including names like "James" and "John", and various illegible scribbles.]

[Faint, mostly illegible text in the bottom left section, possibly bleed-through from the reverse side of the page.]