284694

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of Aug. A. D. 1963, at 3:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austhe Deputy.

Fee pd. $2.00

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

30

File No .....

T. 18 R. 54

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug 10, 1940

Owner William Appleby Address Box 963 Glendive Mont

Contractor (if any) None

Address of Contractor —

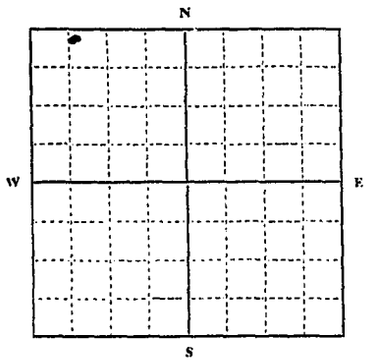
Date Started Aug 10, 1940 Date Completed Aug 10, 1940

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

Water was obtained by digging depression in ground and fill by seepage

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 by livestock during summer months April to October



N.W. ¼ Sec 30 T. 18 R. 54

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

Signature of Owner William Appleby

Date Dec 28, 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.

31794

286671

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 3:00 o'clock P. M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheithe Deputy.

Fee Pd. $2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

30

File No.

T. 18 R. 54

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 14 1964 STATE ENGINEER

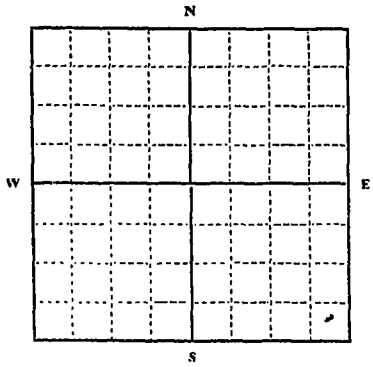
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Appleby (Name of Appropriator), of Box 963 (Address) Glendive (Town)

County of Dawson 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. 30 T. 18 R. 54

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 and household use

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

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 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 jack and electric motor

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

8. The depth of water table 85 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 to 92 feet with seven inch casing

10. The estimated amount of groundwater withdrawn each year 60,000 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 Not known

Signature of Owner William Appleby

Date Dec 28, 1963

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

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

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

31795

286672

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 3:00 o'clock P. M.

Gordon H. Russell
County Clerk and Recorder.

By Faye Scheitlin Deputy.

Fee Pd. $2.00

3

Approved Stock Form—State Publishing Co., Helena, Montana—41337

33

File No.....

T 18N R 54E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 2 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1907.

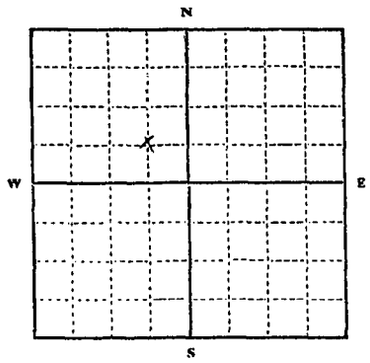
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

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 Spring, used since 1907.



SE¼NW¼ Sec. 33 T 18N R 54E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use Spring, piped into tank. Flows 1 gallon per minute. Measured over a period of time.

Northern Pacific Railway Company

Signature of Owner By L. D. Lukingan
Dist. Supervisor, Graz. & Cult.

Date NOV 20 1963

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

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

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

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

7683

286028

STATE OF MONTANA
County of Dawson

Filed for record this 29th day of Nov. A. D. 1963, at 9:00 o'clock A. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austby Deputy.

Fee pd. $2.00

GROUNDWATER INDEX

County Dawson Twp. 18 N Rge. 55 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
~~1~~	~~Kalberg, Lass E.~~	~~GW 4~~	~~285771~~	T. 17N-R55E
5	Stoetz, Robert	GW 3	286802	
6	Stoetz, Robert + George	GW 3	286804	
7	Stoetz, George + Robert	GW 2	——	
8	Stoetz, Lulu May	GW 3	286806	
8	Stoetz, John D.	~~GW 2~~ Withdrawn	——	
11	Kalberg, Lass E.	GW 3	286971	
12	Kalberg, Lass E.	GW 3	286971	See Sec 12 Above
13	Kalberg, Lass E.	GW 3	286971	See Sec 12 Above
14	Kalberg, Lass E.	GW 2	290919	
14	Kalberg, Lass E.	GW 2	289712	
15	Stoetz, George + Robert	GW 4	286803	
	Lessee of State of Montana			
17	Stoetz, George + Robert	GW 3	286805	
18	Hagen, Paul	GW 4	294709	
19	Kalberg, Jonas E.	GW 3	286976	
20	Kalberg, Jonas E.	GW 4	286981	
21	Kalberg, Jonas E.	GW 4	286980	
21	Kalberg, Jonas E.	GW 3	286979	
22	Kalberg, Lass E.	GW 4	285771	~~See Sec 1 Above~~
22	Kalberg, Lass E.	GW 2	289711	
27	Kalberg, Lass E.	GW 4	285770	
28	Kalberg, Lass E.	GW 4	285771	
29	Kalberg, Lass E.	GW 4	285771	
31	Lindell, Julius	GW 4	286584	
10	MAHONEY, JAMES W.	GW 3	286771	
11	Kalberg, Lass. E.	GW 3	281734	See Sec. 17 Twp 17N Rge 55 N
27	Kalberg, Lass E.	GW 3	281734	See Sec. 17 Twp 17N Rge 55 N
30	MAHONEY, JAMES W.	G.W 4	286772	

GW 3

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

5

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1956

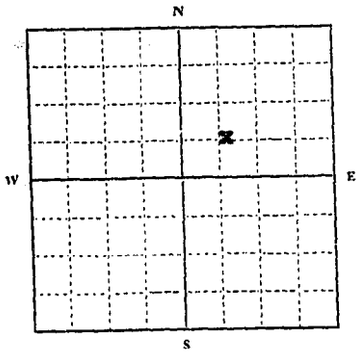
Owner ROBERT STORTZ Address Lindsay, Montana

Contractor (if any) not known

Address of Contractor ------

Date Started 1956 Date Completed 1956

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring, dugout, barrel put in, then plastic pipe to stock tank



SW ¼NE¼ Sec. 5 T18N R.55E

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. 500 gallons a day. By number of cattle using same. April 1 to December 1 of each year.

Signature of Owner Robert Stortz

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.

31924

286807

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

GW 3

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

6

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1962

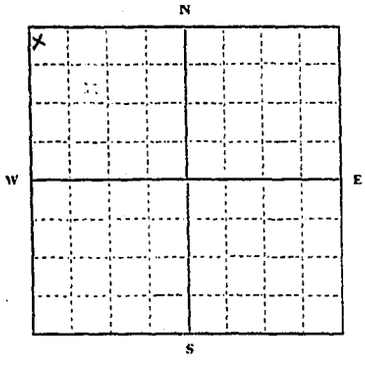
Owner ROBERT STORTZ and GEORGE STORTZ Address Lindsay, Montana

Contractor (if any) Hood Construction

Address of Contractor Glendive, Montana

Date Started October, 1962 Date Completed November 1, 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable spring, dug trench, laid 40 feet of perforated pipe and then plastic pipe to tank



NW ¼NW¼ Sec. 6 T 18 R. 55

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 500 gallons a day, May 1 to September 1

Signature of Owner Robert Stortz
George Stortz

Date December 18, 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.

31921

286804

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By_____ Deputy.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.....

DUPLICATE

MONTANA WATER RESOURCES BOAR
RECEIVED
JUL 5 1968

Sec. 7 NW¼ T. 18 R. 55
County Dawson

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

8' Gravel

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner George & Robert Stutz Address Lindsay, Mont.

Driller Derly C. Whitmer Address Bloomfield, Mont.

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

Date well started 5-13-68 Date completed 5-13-68

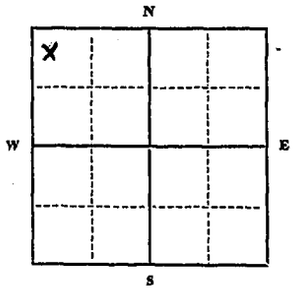
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Drill (Churn drill, rotary or other)

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

Water Sand
Coal
Sand
58' Bottom

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)
6"	5" I.D.	0	58'			



NW ¼ Sec. 7 T. 18 R. 55
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well .....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 Bailer

Length of Test 30 minutes

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

.....(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).

George Stutz

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.

107
Driller's License Number

Derly C. Whitmer
Driller's Signature.

44,272

STATE OF MONTANA
County of Dawson
Filed for record this 1st day of
July A. D. 19 68 at
10:25 o'clock a M.
Gordon W. Russell
County Clerk & Recorder
By Dorothy M. Wagner Deputy

W 3

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

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910

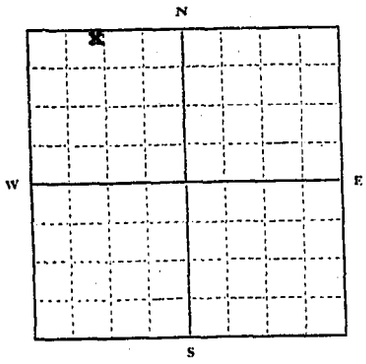
Owner LULU MAY STORTZ Address Lindsay, Montana

Contractor (if any) None

Address of Contractor None

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

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



NW ¼ Sec. 8 T 18N R 55E

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

500 gallons a day for stock water

Signature of Owner Lulu May Stortz

Date December 18, 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.

31923

286806

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 19 63, at 4:00 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By _____ Deputy.

WAS FILED IN PRAIRIE CO.

RECEIVED
STATE ENGINEER

8

T. 15 R. 55

County ~~Prairie~~ Dawson

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John D. Strobel Address: Terry, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: May 4, 1960 Date Completed: May 14, 1960

Location: Sec. 8 T. 15 R. 55 ¼ sec. SE SW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: surface ft. to 960 ft. Type Size 2"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 869 to ft. 929 Ft. to ft.

Type of screen or perforations: burned holes

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

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

2" pipe grouted in with several sacks of ra[illegible] bentonite.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
o	3	gumbo
3	12	sand
12	28	sandy clay
28-	65	blue clay
65	68	coal
68	102	gray gumbo
102	106	coal
106	122	brown gumbo
122	125	coal
125	147	gumbo
147	148	rock
148	158	gumbo
158	159	coal
159	160	coal
160	177	coal
177	180	coal
180	185	gumbo
185	187	hard rock
187	188	coal
188	190	gumbo
190	198	gumbo and coal
198	199	rock
199	217	gumbo
217	219	rock
219	246	coal and gumbo
2 46	249	hard rock
249	267	gumbo
267	270	coal and gumbo
270	280	gumbo
280	330	gumbo and sand
330	331	rock
331	340	gumbo
340	360	gumbo and coal
360	380	sandy gumbo and coal
380	382	coal
382	417	sandy gumbo
417	418	hard rock
418	457	gumbo
457	460	coal
460	493	gumbo
493	494	rock
494	606	shale
607	608	rock
608	660	shale
660	661	rock
661	722	shale
722	724	rock
724	840	shale
840	842	rock
842	869	shale
869	929	water sand 25 gallon per minute
929	960	shale

UW 3

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

55E 10

File No.....

T. 18 R. 55

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 14 1964 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 30 Dec 1963

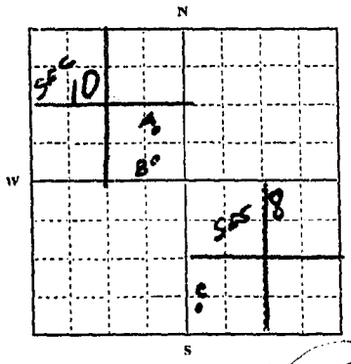
Owner JAMES W. MAHONEY Address Fort Peck, Mont.

Contractor (if any) NONE

Address of Contractor .....

Date Started A+C SUMMER 1962 B UNKOWN Date Completed SAME.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable SPRING A+C ARE PIPED INTO STOCK TANKS. DEPT OF WATER IS ONE FOOT. THEY, A+C PRODUCE 1 1/2 GALLONS PER MINUTE. (SPRING B IS PIPED INTO HOUSE. FOR HOUSE USE. 2 gallons PER MIN.



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 A.B.C. 12 Months

A+B S.E. 1/4 of Sec. 10 T. 18 R. 55

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

C S.W. 1/4 of SEC 8 T18 R55

Signature of Owner James W. Mahoney

Date 30 DEC 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.

31888

286771

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P. M.

Gordon W Russell
County Clerk and Recorder

By_____ Deputy.

JW 3

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

File No.....

T 18 R 55

DUPLICATE

County Dawson

RECEIVED
JAN 14 1964
STATE ENGINEER

11/12/13

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 ① 1947 ② 1938 ③ 1940

Owner Lars E Kalberg Address Box 646 Glendive

Contractor (if any) none

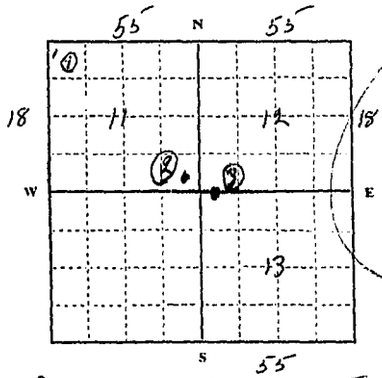
Address of Contractor .....

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

Earth fills or dams for stock water built with dozer and fresno

SW 2 6



① N.W. 1/4 Sec. 11 T. 18 R. 55

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

② S E 1/4 Sec 11 T 18 R 55
③ S W 1/4 Sec 12 T 18 R 55
③ N W 1/4 Sec 13 T 18 R 55

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 when ever there is stock in pasture

Signature of Owner Lars E Kalberg

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.

32076

286971

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 19 63, at 4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW 2

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

File No.....

T. 18 N R. 55 E 14

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 4 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 To 44	soft sand stone
44 To 58	yellow clay
58 To 63	coal some water
63 To 110	gray clay
110 To 123	gray sandy clay
123 To 137	water sand
137	

Owner Lars E Kalberg Address Glendive Mont.

Driller Russell Chrest Address Glendive Mont Box 646

Date of Notice of Appropriation of Groundwater.....

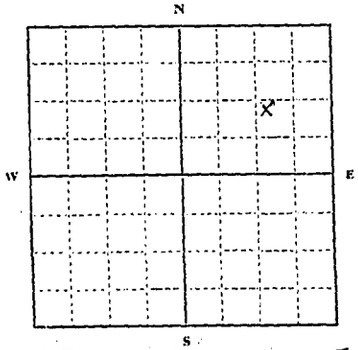
Date well started Nov 3, 1964 Date Completed Nov 10, 1964

Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn (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)
5 1/2 inch	4 inch 11 lb per ft.	0	126	none		



N.E.¼ Sec. 14 T. 18 R. 55

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

Show exact depth of bottom. 137 ft

Static Water Level for non-flowing Well.....feet.

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

Pumping Water Level 113 feet at 5 gal. per minute.

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

How Tested Bailer 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).....

Lars E Kalberg

11.6

Driller's License Number

Russell Chrest

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.

38808

290919

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of Dec A. D. 19 64 at 1:45 o'clock P M.

Gordon W. Powell
County Clerk and Recorder.

By _____ Deputy.

Fee Pd $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40477

File No.....

T. 18 N R. 55 E 14

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lars E Kalberg Address Glendive Mont

Driller Russell Chrest Address Glendive Mont

Date of Notice of Appropriation of Groundwater.....

Date well started aug 7 1964 Date Completed aug. 19. 1964

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

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

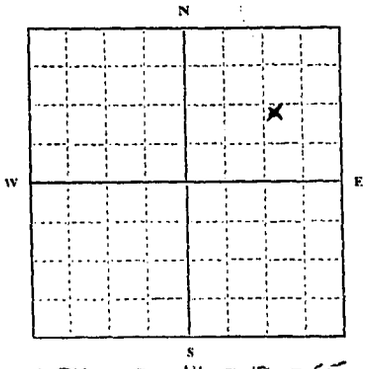
Top of Ground

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

0 TO 3 TOP SOIL
3 TO 8 GRAY CLAY
8 TO 40 SOFT SAND STONE
40 TO 44 FINE WATER SAND
44 TO 60 LAYERS OF COAL AND CLAY
60 TO 65 GRAY CLAY
65

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)
5 1/2 inch	4 inch I.D. 11 lb per ft.	0	49	1/4 slots	43	49



NE 1/4 Sec. 14 T. 18 R. 55
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well..... feet.

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

Pumping Water Level 43 ft feet at 7 gal. per minute.

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

How Tested bailer 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).....

Lars E Kalberg

116
Driller's License Number

Russell Chrest
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.

38478

289712

STATE OF MONTANA
County of Dawson

Filed for record this 22nd day of Sept A. D. 1964, at 2:15 o'clock P M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Anthy Deputy.

Fee pd. $2.00

GW

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

File No.....

T 18N R 55E

DUPLICATE

County S Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

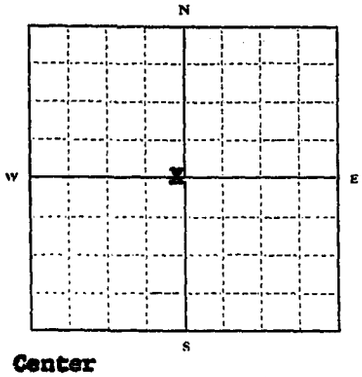
RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GEORGE STORTZ and ROBERT STORTZ, as lessees of the State of Montana, of Lindsay
(Name of Appropriator) (Address) (Town)

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



Center
xxx Sec 15 T 18N R 55E

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

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

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

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

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

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 4 inch casing, 1½ inch production pipe, 170 feet deep

10. The estimated amount of groundwater withdrawn each year 600 gallons a day for half a year

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 None

Robert Stortz
Signature of Owner George Stortz

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.

31920

286803

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 19 63, at 4:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder

By _____ Deputy

GW 3

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

17

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

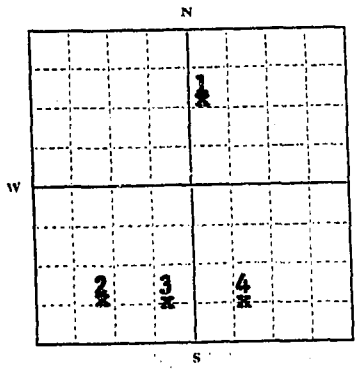
Date of Appropriation of Groundwater October, 1963

Owner GEORGE STORTZ and/ROBERT STORTZ Address Lindsay, Montana

Contractor (if any) None

Address of Contractor None

Date Started Oct. 15, 1963 Date Completed Nov. 20, 1963



.....¼..... Sec. 17 T18 R. 55

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable No. 1 - dug trench 40' x 2' in spring, planked trench, then plastic pipe to tank. Nos. 2, 3 and 4 are seeps - seeps 3 and 4 were dug out by Hood Construction, Glendive, Mont.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. No. 1, 500 gallons per day determined by quantity of livestock using same. Nos. 2, 3 and 4 used intermittently because they go dry. Use 500 gallons a day out of seeps from March 1 to July 1.

Signature of Owner George Stortz Robert Stortz

Date December 18, 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.

31922

286805

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

GW

Approved Stock Form—State Publishing Co., Helena, Montana 18

File No.

T. 18 R. 55

DUPLICATE

STATE WATER CONSERVATION BOARD

County Dawson

JAN

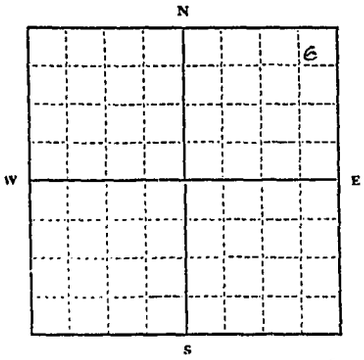
Bills
Butte
Coyle
Darlington
Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J Hagen (Name of Appropriator), of Box 238 Glendive Mont (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 18 T. 15 R. 55

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

2. The beneficial use on which the claim is based
Domestic & stockwater use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1 1956
Continuous thereafter

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lawn & trees around house applied with a hose

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced Jun 25 1956
Completed July 1 1956

8. The depth of water table 222 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
depth 222 ft 153 6 3/4 hole 69' 4 3/4 hole
153' 5½ Casing 76 ft 4 liner

10. The estimated amount of groundwater withdrawn each year 730000 ~~73~~ gallons

11. The log of formations encountered in the drilling of each well if available
Water obtained from Fox Hills Sand Pierre

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 Paul J Hagen

Date Dec 31 1965

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.

40 30

294709

STATE OF MONTANA
County of Dawson
Filed for record this 31st day of
Dec. A. D. 19 65 at
12:15 o'clock P. M.
Gordon W. Russell
County Clerk & Recorder
By Adeline Anthy Deputy
Fee pd. $2.00

/ 3

Approved Stock Form—State Publishing Co., Helena, Montana—38496

19

File No.....

DUPLICATE

T. 18N R. 55E

County Daniels

RECEIVED
JAN 14 1964
STATE ENGINEER

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 1943

Owner Jonas L. Holberg Address Bloom Field

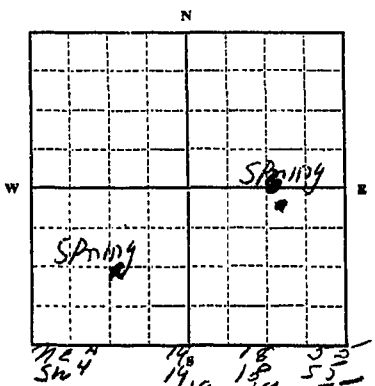
Contractor (if any) .....

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 Flowing Springs



SE ¼ Sec 19 T 18 R 55

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.....

8 gals Per minute - Constant use

Signature of Owner Jonas Holberg

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.

32081

286976

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:30 o'clock P. M.

Gordon W Russell
County Clerk and Recorder.

By_____Deputy.

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

20

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

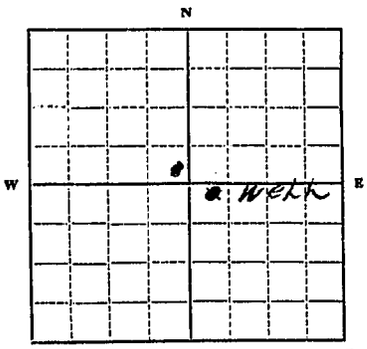
RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jonas L. Nolberg, of Bloom Field
(Name of Appropriator) (Address) (Town)

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



NE¼ Sec 20 T 18 - R.55
SE¼ Sec. 20 T. 18 R. 55

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 watering + irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
20 acres in SE¼ of 20-18-55

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Cylinder pump on 2 in pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959

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 Cylinder pump on 2 in pipe
To 2 depth of 40 Ft

10. The estimated amount of groundwater withdrawn each year 719,000 gals

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 Jonas L. Nolberg

Date Dec. 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.

32086

286981

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 19 63, at 4:38 o'clock P. M.

Gordon W. Rossell
County Clerk and Recorder.

By_____ Deputy.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38687

21

File No.....

T. 18N R. 55E

DUPLICATE

County Dawson

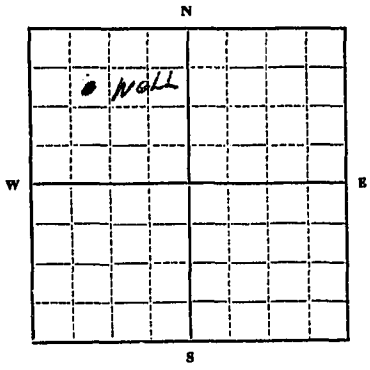
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jonas L. Nelberg, of Bloomfield
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ Sec. 21 T. 18 R. 55

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Summer of 1959

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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
Submersible pump with gas motor on 1 1/2 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959

8. The depth of water table 180 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well with pump drilled to 180 FT

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

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

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 Jonas L. Nelberg

Date Dec. 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.

32085

286980

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder

By ..... Deputy.

Approved Stock Form—State Publishing Co., Helena, Montana—38456

21

File No.....

T. 18N R. 55E

DUPLICATE

County Roosevelt

RECEIVED
JAN 14 1964
STATE ENGINEER

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)

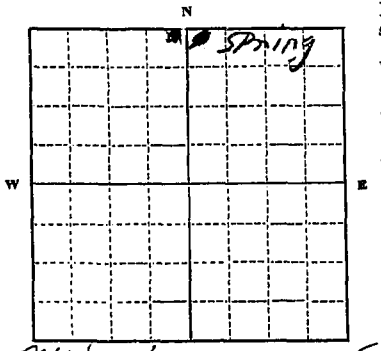
Date of Appropriation of Groundwater 1943

Owner Jonas L. Melberg Address Bloomfield

Contractor (if any) .....

Address of Contractor .....

Date Started..... Date ~~Completed~~ improved Dec. 1961



NW ¼ Sec 21-T18-R.55
NE ¼ Sec 21 T 18 R 55

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

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

Natural Flowing Spring

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

4 gals Per minute - Constant use

Signature of Owner Jonas L. Melberg

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.

32084

286979

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 19 63, at 4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.....

T 18 R 55

DUPLICATE

County Dawson

22
28
29

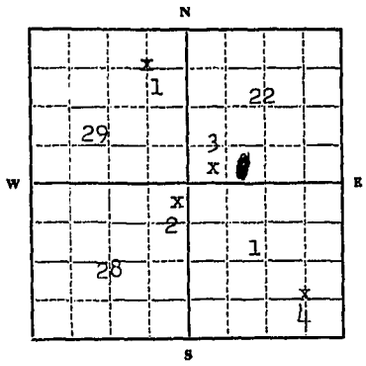
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lars E. Kalberg, of Box 646 Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1- NE ¼ Sec. 29 T18 R.55

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

2-NE¼ Sec 28-18-55
3-SW¼ Sec 22-18-55
4-SE¼ Sec 1-17-55

2. The beneficial use on which the claim is based 1-stock water 2-stock water 3-stock water 4-stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1-May1, 1961 as needed; 2-unknown before 1915; 3-unknown before 1915; 4-unknown before 1912

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 & 4-5 gallons
2 & 3-4 gallons

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
XXX 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
1-Pump & Gas engine; 2-pump & gas engine; 3-windlas & bucket ; 4-pump & gas engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1-April 25 - May 1, 1961; 2-3-4-unknown

8. The depth of water table 1-87 ft 2-8 ft 3-20 ft 4-100 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-Drilled 4 in. casing 117 ft deep
2-dug rock curbing 11 ft deep
3-dug rock curbing 24 ft deep
4-drilled 6 in cased 168 ft deep

10. The estimated amount of groundwater withdrawn each year 1-2-3-4- as needed

11. The log of formations encountered in the drilling of each well if available
1-unknown
2-gravel
3-mostly gravel
4- 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
none

Signature of Owner Lars E Kalberg

Date November 12, 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.

6988.

285771

285771

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of Nov A. D. 1962, at 2:30 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Anthy Deputy.

Fee pd. $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472 3

File No.....

T. 18 N R. 55 E 22

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 TO 18 yellow clay
18 TO 34 clay and gravel
34 TO 50 gray clay
50 TO 57 fine water sand
57 ft.

Show exact depth of bottom.

Owner Lars E Halberg Address Glendive Mt.

Driller Russell Chest Address Glendive Mont

Date of Notice of Appropriation of Groundwater.....

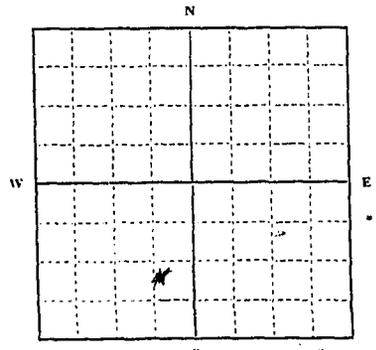
Date well started Sep 17-1964 Date Completed Sep 18-1964

Type of well drilled (dug, driven, bored or drilled) Equipment Used Churn (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, muck 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)
5 1/2 inches	11.4 lb per ft	0	54	4 inch 1 ft	49 ft	54 ft



SW ¼ Sec. 22 T. 18 R. 55

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

Static Water Level for non-flowing Well.....feet.

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

Pumping Water Level 39 feet at 10 gal. per minute.

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

How Tested Bailer 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).....

Lars E Halberg

116

Driller's License Number

Russell Chest

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.

38477

289711

STATE OF MONTANA
County of Dawson

Filed for record this 22nd day of Sept A. D. 1964, at 2:15 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By Alice Ann Thy Deputy.

Fee pd. $2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

27

File No.....

T. 18 R. 55

DUPLICATE

County Dawson

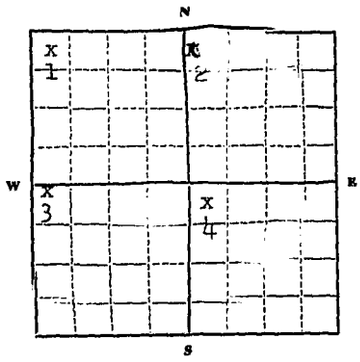
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lars E. Kalberg (Name of Appropriator) of Box 646 (Address) Glenlive (Town)
County of Dawson State of Montana have appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:



all NW ¼ NW Sec 27 T. 18 R. 55

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

2. The beneficial use [illegible] is for house [illegible] 4- [illegible] gan

3. [illegible] approximate date of [illegible] use; and how continuous the use has been [illegible] 1-[illegible] every day; [illegible] an 1923; [illegible] ay 1960 [illegible] ug 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute) [illegible] gallon 2-4 gal 3-8 gal 4-[illegible] gal

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
~~XXXXX~~ 3-½ acre garden NW¼ Sec 27-18-55
Lars E. Kalberg

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1-Electric pump [illegible] basement; 2-hand pump;
3-Centrifugal [illegible] gas engine; 4-hand pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1-Fall of 1918; 2-Jan 1923; 3-May 1960;
4-Aug 1960

8. The depth of water table 1-10 ft 2-10 ft. 3-12 ft 4-10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1-dug curbed with culbert 12 ft
2-dug rock curbing 12 ft.
3-bored & curbed with culvert 30 ft. deep
4-sand point 14 ft deep

10. The estimated amount of groundwater withdrawn each year ~~XXXXXXXXXXXXXXXX~~ All as needed

11. The log of formations encountered in the drilling of each well if available
~~XXXXX~~ 1-2-4- gravel 3-dirt gravel & Clay

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 Lars E. Kalberg

Date November 12, 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.

4-87

285770

STATE OF MONTANA
County of Dawson

Filed for record this 12th day of Nov A. D. 1963, at 2:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austby Deputy.

Fee pd. $2.00

Approved Stock Form—State Publishing Co., Helena, Montana—42234

30

File No. .....

T. 18 R. 55

DUPLICATE

County DAWSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

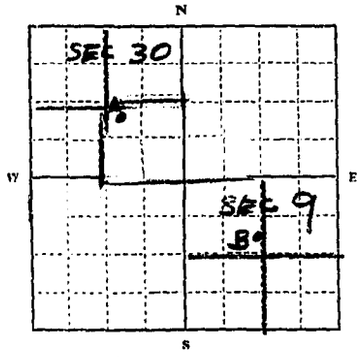
RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JAMES W. MAHONEY, of INTAKE [redacted]
(Name of Appropriator) (Address) (Town)

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



A SE ¼ of Sec. 30 T. 18 R. 55

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

B N.W. ¼ of Sec. 9 T 18 R 55

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 A July 1962. B February 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A 12 gallons per min
B 8 " " "

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 A Electric Motor on Pump Jack. B. Windmill.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A July 1962 B. Feb 1963

8. The depth of water table A 50' B 100'

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 78' Deep 4" casing. Steel.
B. 138 " " " "

10. The estimated amount of groundwater withdrawn each year A 280,000 gal. B 500,000 gal.

11. The log of formations encountered in the drilling of each well if available A & B water comes through coal.

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 James W. Mahoney
Date 30 Dec 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.

51889

286772

STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A. D. 1963, at 4:00 o'clock P M.

Gordon W Russell
County Clerk and Recorder.

By_____ Deputy.

GT

Approved Stock Form—State Publishing Co., Helena, Montana—39089

31

File No..... T. 18 R. 55

DUPLICATE

County Dawson

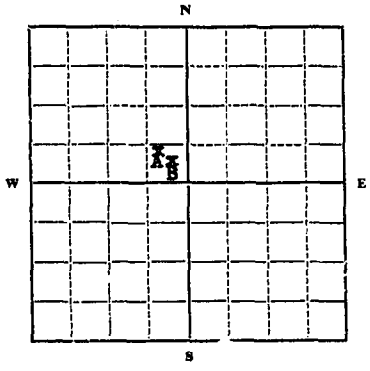
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Julius Winchell, of Box 1111 Glendive
(Name of Appropriator) (Address) (Town)
County of Dawson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESE ¼ NW Sec. 31 T. 18 R. 55

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
A - Stock B - Household use and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been A - 1930, steady use.
B - 1930, steady use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A & B - 8 Gallons

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
B - irrigating garden - approximately 5 ~~XXXX~~ acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
A - Pump jack with motor
B - Shallow well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A and B - about 1930

8. The depth of water table A and B - about 6 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
~~XXXXXXXXXXXXXXXX~~ Unknown

10. The estimated amount of groundwater withdrawn each year A - 36,500 E.B - 172,500 Gal.

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

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 Julius Winchell

Date September 6, 1967

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.

31722

286584

STATE OF MONTANA
County of Dawson

Filed for record this 27th day of December A. D. 19 63 at o'clock M.

Gordon W. Russell
County Clerk and Recorder.

By E. M. Warren Deputy.

GROUNDWATER INDEX

County Dawson Twp. 18 N Rge. 56 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Sobotka, August	GW-3	280008	
2	Campbell, Jena	GW3	286926	
2	Stevenson, Budt & Doris	GW4	287019	
2	Stevenson, Budt & Doris	GW3	287020	
3	Cisafulli, Joe, Frank & Angelo	GW4	285848	
3	Stevenson, Budt & Doris	GW4	287019	See Sec. 2 Above GW4
4	Stevenson, Budt & Doris	GW4	286982	
4	Stevenson, Budt & Doris	GW4	287019	See Sec. 2 Above GW4
4	Stevenson, Budt & Doris & Lease, Chas. W	GW3	286983	
5	Hatfield & Randisp, Inc	GW4	286331	
6	Ames, Edward L. & Edwin H	GW3	282913	
7	Ames, Edward L.	GW3	282911	
8	Hatfield & Randisp, Inc.	GW4	286331	See Sec. 5 Above
8	Lease, Chas. W. - Lease State of Montana	GW3	287017	
10	Ames, Edwin H. & Edward	GW2	310216	
10	Ames, Edward L. & Edwin H.	GW4	282914	
11	Stevenson, Budt & Doris	GW3	287020	See Sec 2 Above GW3
12	Lease, Chas. W. & Viola A.	GW3	286984	
12	Stevenson, Budt & Doris	GW3	287020	See Sec 2 Above GW3
14	Ames, Edward L. & Edwin H.	GW4	282913	
15	Ames, Edward L. & Edwin H.	GW4	282916	
23	Cisafulli, Joe, Frank & Angelo	GW3	285850	
23	Tomelino, Joe	GW2	281879	
25	Tague, Donald	GW2	317231	
25	Tague, Donald	GW2	317230	
29	Tague, R.D., Jr. & Lilly	GW2	301814	
~~30~~	~~Appleby, L. & Williams~~	~~GW4~~	~~286692~~	~~T[illegible]~~
33	Tague, Richard D.	GW2	298498	
34	Fletcher, Charlotte Ann H. & Temple, Charles O.	GW4	286945	
34	Fletcher, Charlotte Ann H. & Temple, Charles O.	GW3	286946	
36	State of Yellowstone Project Irrigation	GW2	310250	
36	United States of America	GW4	286324	
36	Fisher, [illegible]	GW2	326232	
	~~SOBOTKA, AUGUST~~	~~GW3~~	~~280008~~	~~PUBLIC~~ GW4

File No. .....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—38496

T. 18 N. R. 57 E.

County Dawson

RECEIVED JUL 10 1962 STATE ENGINEER

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)

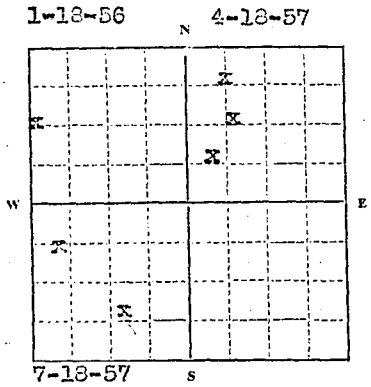
Date of Appropriation of Groundwater 1939

Owner August Sobotka Address Intake, Montana

Contractor (if any) None

Address of Contractor .....

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



.....¼..... Sec..... T..... R.....

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

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

Springs have to be cleaned out every four or five years.

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

Four gallons a minute run through pipe; also dug-out sumps

Signature of Owner August Sobotka

Date July 7, 1962

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

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

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

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

1800

18N-56E

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

DUPLICATE

T. 18 N R. 57 E

County Dawson

RECEIVED JUL 10 1962 STATE ENGINEER

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)

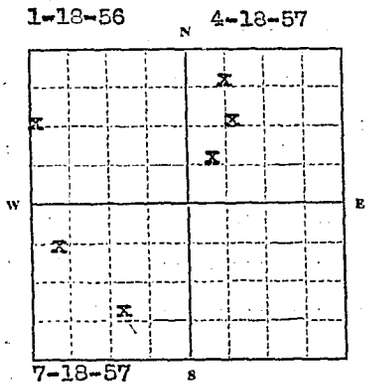
Date of Appropriation of Groundwater 1939

Owner August Sobotka Address Intake, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed



¼ Sec. T. R.

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

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

Springs have to be cleaned out every four or five years.

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

Four gallons a minute run through pipe; also dug-out sumps

Signature of Owner August Sobotka

Date July 9, 1962

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

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

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

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

1800

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—12262 3

File No.....

T.....18N.....R.....56E.....

DUPLICATE

County.....Dawson.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater....1912.....

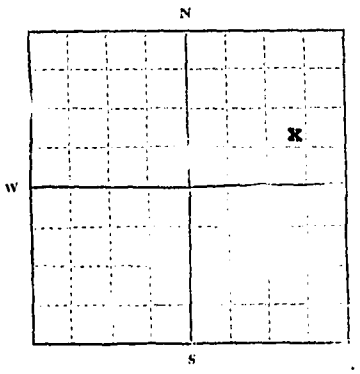
Owner..LENA CAMPBELL..... Address.....Intake, Montana

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

Address of Contractor .....None.....

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

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



SE ¼ NE¼ Sec. 2..... T18N R.56E

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

Quantity o[illegible] developed and used with explanation of method used to mea[illegible] estimate such amount. If use is intermittent estimate approximate lengths of periods of use.....

.....500 gallons a day, used intermittently.

Signature of Owner.....LENA CAMPBELL.....

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 to the appropriator.

32031

286926

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 19 63, at 4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder

By ..... Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 18 R. 56

DUPLICATE

County Dawson

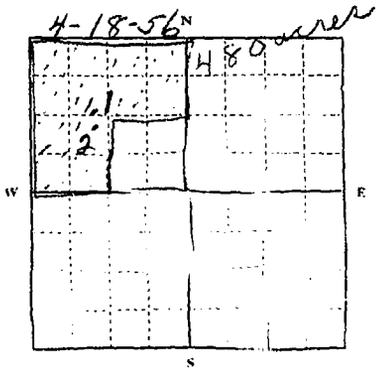
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Chas. W. Lease + Bud Stevenson of Intake
(Name of Appropriator) (Address) (Town)

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



.....¼..... Sec. T. R.

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

2. The beneficial use on which the claim is based
Watering cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1). 1910 Continuous until recent years when used in spring + fall
(2) used in spring + fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute (1) 3 gal.
(2) 2 gal.

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

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

7. The date of commencement of the construction of the well, wells, or other works for withdrawal of groundwater
1. 2. 1943

8. The depth of water table (1). 44 ft. (2). 90 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 27 inch diameter each
(1). 106 ft.
(2). 100 +

10. The estimated amount of groundwater withdrawn each year (1). 2000
(2) none last year as it needs repairing

11. The log of formations encountered in the drilling of each well if available
Clay, gravel, blue clay - coal, but I don't know how much of each.

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
Poor inflow but continuous

Mrs. Bud Stevenson
Signature of Owner

Date 12/31/63

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

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

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

32087

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:30 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By_____ Deputy.

GW 3

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

4

File No.....

T. 18 R. 56

DUPLICATE

County Dawson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 14 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

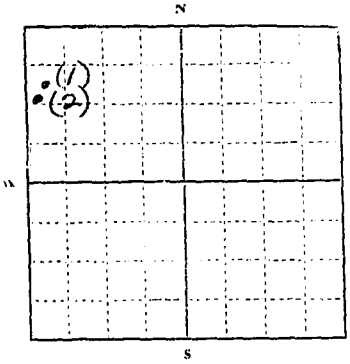
Date of Appropriation of Groundwater 1949

Owner Chas W. Lease & Bud & Doris Stevenson Address Intake

Contractor (if any) L. C. Anderson

Address of Contractor Glendive Mont.

Date Started Summer 1950 Date Completed ~~1950~~ 1951



.....¼..... Sec. 1 T. 18 R. 56

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

Describe means of obtaining groundwater without a well such as by sub-irrigation and other natural means. Include depth to water when applicable. Gravel [illegible] dug on side and [illegible] drag to hole [illegible] (1)(2) Cavities will be varies from 3 ft. to 6 ft. in depth

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 is used for cattle nearly all the year. Enough for 2 head

Lease

Signature of Owner Doris Stevenson

Date 12/31/63

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 wells 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.

32088

286983

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December A. D. 1963, at 4:34 o'clock P. M.

Gordon W. Russell
County Clerk and Recorder.

By _____ Deputy.