

GROUNDWATER INDEX

County Grant Twp. 11 N Rge. 12 W

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31	Moore Mrs George	11 N 4		
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31	Haptonstall, Lawrence +	11 N 2	90055	
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31	Northey Lamp & Railway Co.	11 N 4	77282	
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31	Piche, Alfred R +	11 N 4	77582	
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31	McCLURE, Mrs	57 Well log		

File No.

T. 11^N R. 12^W 31

DUPLICATE

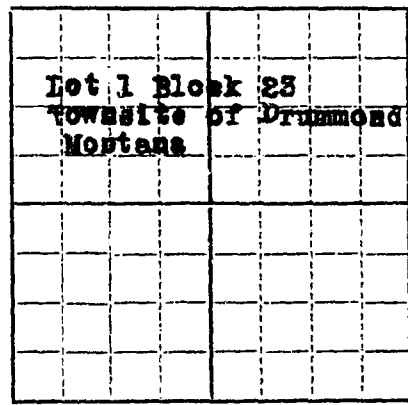
County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



1/4 Sec 31 T. 11 N. R. 12 W

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 None use and irrigation of lawn and garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been August 1 1918 used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gallons per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre embraced in lot 1 block 23 Township of Drummond Mont. Owned by myself
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric - is pump located in about the center of this lot

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started about May 1 -st 1918 completed Aug 1 1918

8. The depth of water table 55 feet ~~Surface~~

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 Dug well filled in around a 10 inch vitrified pipe, has 3x5 foot galvanized reservoir at a depth of 50 feet - it usually carries about 3 feet of water

10. The estimated amount of groundwater withdrawn each year Probably 150,000 per year

11. The log of formations encountered in the drilling of each well if available The top 40 feet wash dirt gravel and sand last 15 feet in larger boulders and rocks.

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 A request for this information was given to some county Agency some 15 years ago. witnesses now living as to when well was dug are myself and Harry E Shierston of San Diego Calif

This property sold in escrow to Mr. and Mrs Clifford Nelson of Drummond Montana Jan 1 1958

Signature of Owner Albert Balshiser
Date 5/10/63 p West

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.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
31	<i>Shannon, John D.</i>	<i>2 W 4</i>	—	—
31	<i>Tee, James</i>	<i>2 W 4</i>	<i>80186</i>	—
32	<i>Applegate, Richard</i>	<i>2 W 2</i>	<i>77522</i>	—
32	<i>Beck, Joseph C.</i>	<i>2 W 4</i>	<i>76473</i>	—
32	<i>Brazill, George J.</i>	<i>2 W 4</i>	—	—
32	<i>Tickler, Emerson</i>	<i>2 W 2</i>	—	—
32	<i>Pinnard, Lawrence</i>	<i>2 W 2</i>	<i>83055</i>	—
32	<i>Pickel, Louise J.</i>	<i>2 W 4</i>	—	—
32	<i>Reese, Joe Jr.</i>	<i>2 W 2</i>	—	—
32	<i>Reese, Joe Jr.</i>	<i>2 W 2</i>	—	—
32	<i>Schuell, Arthur J.</i>	<i>2 W 2</i>	<i>80389</i>	—
32	<i>Zottlieb, Charles</i>	<i>2 W 2</i>	<i>77186</i>	—
34	<i>Ennis, Dora</i>	<i>2 W 2</i>	<i>78220</i>	—
—	<i>Metcalf, R. Fred. L.</i>	<i>6 W 2</i>	<i>83739</i>	—

77065

FILED FOR RECORD

Oct 28 1963

0

Agnes M. McDonald
County Auditor

By Assant New
Deputy

File No. DEC 18 1956

T. 11 N R. 12 W

DUPLICATE

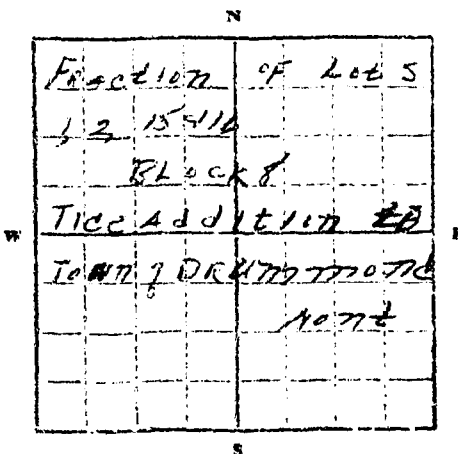
County Grant

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1951)

1. C. O. Bonham, of 4583 Grummond
 (Name of Appropriator) (Address) (Town)
 County of Grant State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based Home, drinking water and lawn.

3. Date or approximate date of earliest beneficial use and how continuous the use has been since 1954
50' only for home use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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
drinking lawn, water
lot 35' by 100 ft. Dec. 1956

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
4" P. Dayton & Co. pump
5' gal. tank

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

8. The depth of water table 5 to 8 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.

3 1/2 ft diameter 24 ft deep

10. The estimated amount of groundwater withdrawn each year 400,000

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

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

Signature of Owner C O Bonham
 Date Dec 6, 1956

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.

80190

FILED FOR RECORD
Dec. 9, 1965 at
03 minutes past 1:00 o'clock
P. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

\$2.00

File No.

T 11N R 12W 32

DUPLICATE

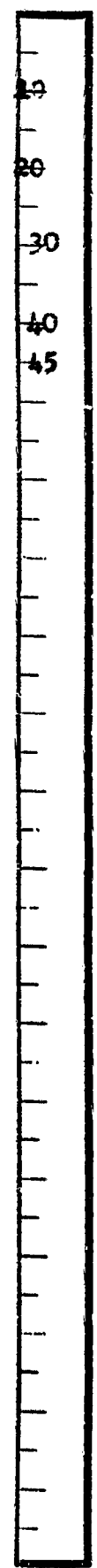
County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
FEB 16 1965

Notice of Completion of Groundwater
Appropriation by Means of ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground
(Elev. above sea level.....)

0 to 18' dirt, gravel, clay

18' to 35' gravel and sand

35' to 44' gravel, tight layer sand, water

Owner Art Bowl Address Drummond, Montana

Driller C. Keefe Drilling Co. Address Butte, Montana

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

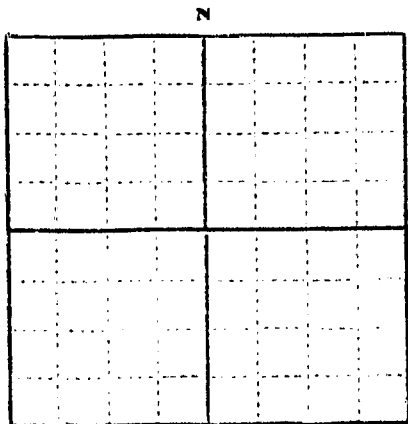
Date well started May 12, 1964 Date Completed May 14, 1964

Type of well drilled Equipment Used churn drill
(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 Drifted Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Size (Feet)	From (Feet)	To (Feet)
6"	6" 19#	0'	44'	cutting torch	39'	44'



Drummond townsite
1/4 Sec 3.1 T11N R12W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 44'

Static Water Level for non-flowing Well 26 feet.

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

Pumping Water Level 20 feet at 25 gal. per minute.

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

How Tested baller Length of Test 1 1/2 hrs.

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

Driller's License Number 48

Driller's Signature Edward C. Keefe

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.

38955

79186

Filed for Record
Feb. 15, 1965 at 55 minutes
past 7:00 o'clock A. M.

Arnes M. McDonald
County Recorder

By Nanda Echols
Deputy

Arnes M. McDonald

RECORDED
FEB 15 1965

File No.

T. 11N R. 12W

DUPLICATE

County

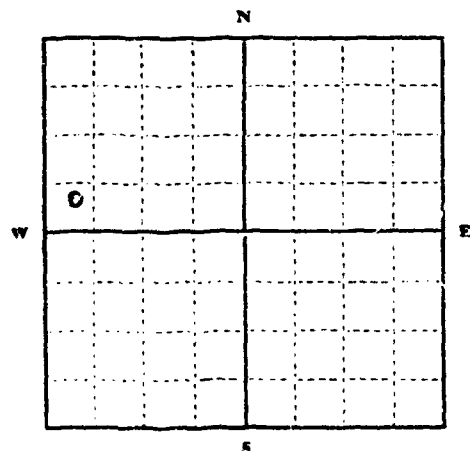
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. *Clara Home*, of *Leeward* (Town)
(Name of Appropriator) (Address)
County of *Granite* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 21 T11N R12W

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 2 houses*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *September 1926*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *75 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 *2 yards on house*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Electric pump*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *September 1926*
- 8. The depth of water table *50 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 casing*
- 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 *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 *Unknown*

Signature of Owner *Clara Home*
Date *12/29/63*

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.

24014

77556

FILED FOR RECORD

Dec 30 19 *69*

14 minutes past *12* o'clock

J. M.
James M. McNeil
County Recorder

By _____ County

GV

File No.

T. 12 N. R. 22 W. 31

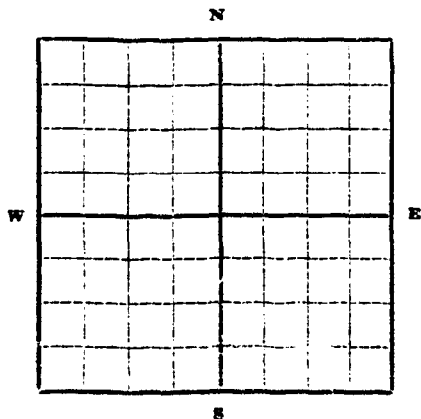
DUPLICATE

County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
 (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
 STATE ENGINEER

1. Mary Helen McLaughlin (Name of Appropriator) of Box 64, T. 12 N. R. 22 W. 31 (Address) (Town)
 County of Blaine State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 21 1/4 N R 22 W
 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 Residence

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

4. The amount of groundwater claimed (in mine's inches or gallons per minute) To my knowledge 5 ft water level in well at least 900 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. 13-13 Block 7 Blaine County
Mary Helen McLaughlin

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by electric pump in well on lot 13-13 Block 7 Blaine County

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater at least 30 years ago

8. The depth of water table To my knowledge water stands in well at 5 ft the level is steady

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 one 2 1/2 inch diameter well that is 7 ft deep and depth of water stands in well at 5 ft

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

11. The log of formations encountered in the drilling of each well if available blaine sandstone, shale, and limestone

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 do not apply

Signature of Owner Mary Helen McLaughlin
 Date Dec 9 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 School of Mines and Quadruplicate for the Appropriator.

FILED FOR RECORD

Dec 12 1922

at _____ minutes past 1 o'clock

A.M.

Agnes M. McDonald
County Recorder

Arsenal New
Deputy

File No.

T 11 N R 12 W 31

DUPLICATE

County GRANITE
Town of DRUMMOND

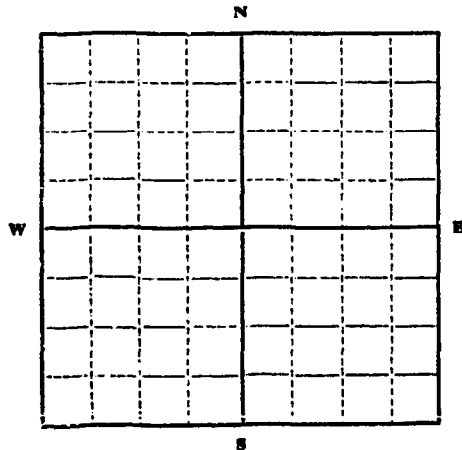
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JAMES R. McMANA of DRUMMOND, MONTANA
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 31 T11N R12W

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

- The beneficial use on which the claim is based. COMMERCIAL (LAUNDRY - TRUCK CAT) & DOMESTIC
- Date or approximate date of earliest beneficial use; and how continuous the use has been. APPROX. DATED 1930 - CONTINUOUS USE SINCE THAT TIME
- The amount of groundwater claimed (in miner's inches or gallons per minute). 75 GALS. PER MINUTE - CAPACITY - 6000 GALS. PER DIA.
- 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 SO USED NOW.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. ELECTRIC PUMP ART. BY TRACT L. CUMMINS ADDITION, TOWN OF DRUMMOND.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. WELL DUG AND CASING (6") INSERTED ON 7-15-27 - CASING TO 30'
- The depth of water table. APPROXIMATELY 6'
- 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. SEE 7 A.D.A.F.
- The estimated amount of groundwater withdrawn each year. 2,190,000 GALS
- The log of formations encountered in the drilling of each well if available. ROCK & GRAVEL
- 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 James R. McMana

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.

24147

77698

FILED FOR RECORD

Dec 31 1963

at 36 minutes past 3 o'clock

P.M.

Agnes M. McDonald
County Recorder

By _____ Deputy

File No.

T 11 N R 12 W

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

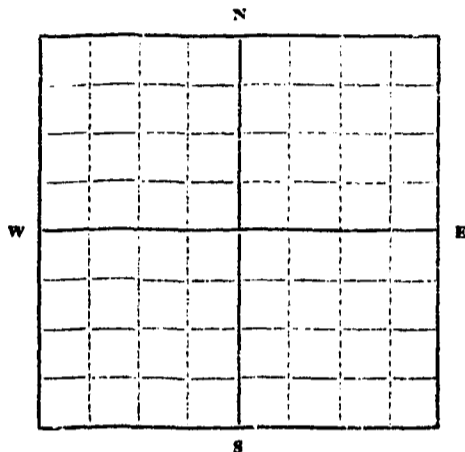
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



1/4 Sec 31 T11N R12W

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

2. The beneficial use on which the claim is based Home and Garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lawn and Garden 2 lots
Elizabeth Wood owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table don't know

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 60 feet deep

10. The estimated amount of groundwater withdrawn each year normal household and garden use

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 no record

Signature of Owner Elizabeth Wood

Date Dec 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, no 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.

23927

77451

FILED FOR RECORD

Dec 23, 1963

at 24 minutes past two o'clock

P.M.

Agnes M. McDonald
County Recorder

By Arnell Neal
Deputy

File No.

T 11 N R 12 W

DUPLICATE

County GRANT

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner MARVIN L. RADTKE Address HALL, MONTANA

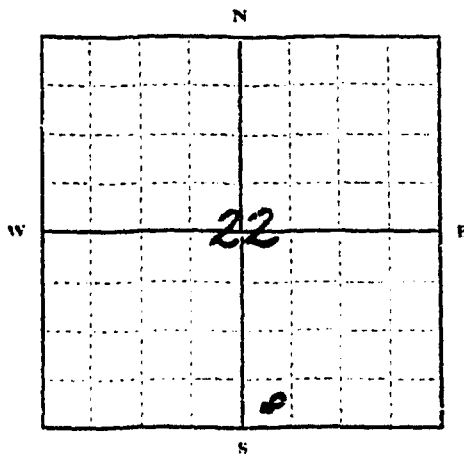
Contractor (if any)

Address of Contractor

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

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

NATURAL SPRING



..... 1/4 Sec. 22 T 11 N R 12 W

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.....

APRIL 1st to OCTOBER 30th

Signature of Owner.....

Date.....

Marvin L. Radtke
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.

77594

FILED FOR RECORD

Dec 30 1963

at 94 minutes past 3 o'clock

Agnes M. McDonald

By _____

28

File No.....

Sec. 28

T-11 R-12

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner J. H. Schultz Address Ball, Montana

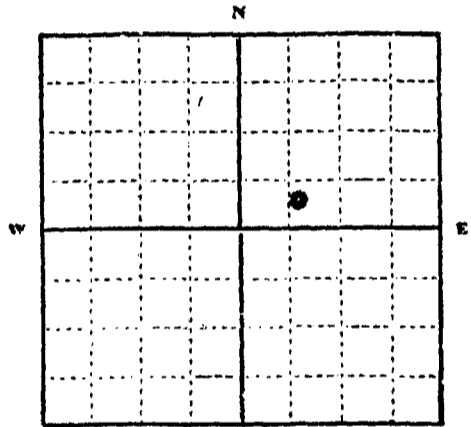
Contractor (if any)

Address of Contractor

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

Purchased April 17, 1941 by owner.
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

Pipe and stone water trough



2nd Milan Spring
SW 1/4 Sec 28 T11 R12

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

Subscribed and sworn to before me
this 6th day of December 1963

Charles Smith
Notary Public for State of Montana
Residing at Drummond, Montana
My Commission Exp. 4/1/66

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.....

April to October Annually

Signature of Owner J. H. Schultz

Date December 6, 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.

10727

77362

FILED FOR RECORD

Dec 16 1963

at 8 minutes past 8 o'clock

A. M.
Agnes M. Donald
County Recorder

Arvid New
Deputy

11 12 28

File No.

Sec. 28 T. 11 R. 12

DUPLICATE

County Granite
RECEIVED
DEC 20 1963

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 J. H. Schultz Address Hall, Montana

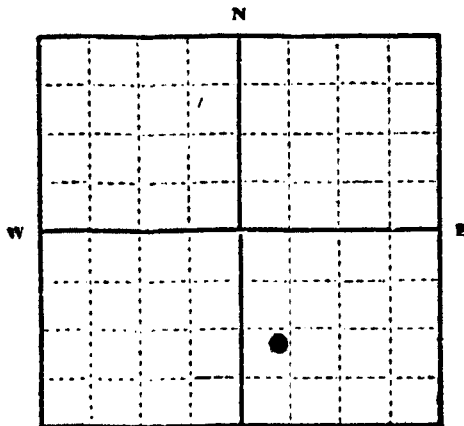
Contractor (if any)

Address of Contractor

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

Purchased by present owner April 17, 1961.
Describe means of obtaining groundwater without a well as by sub-irrigation and other natural processes. Include depth to water when applicable.....

pipe and water trough for stock



SE 1/4 Sec. 28 T. 11 R. 12

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

Subscribed and sworn to before me this 6th day of December 1963

Clark Smith
Notary Public for State of Montana
Residing at Drummond, Montana
My Comm. Exp. 4/1/66

Signature of Owner J. H. Schultz

Date December 6, 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.

77361

FILED FOR RECORD

Dec 16, 1963

at 6 minutes past 8 o'clock

A.M.

Agnes M. McDonald
County Recorder

Donald Neal
Deputy

28

File No. _____

Sec. 28 T. 11^N R. 12

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner J. H. Schultz Address Hall, Montana

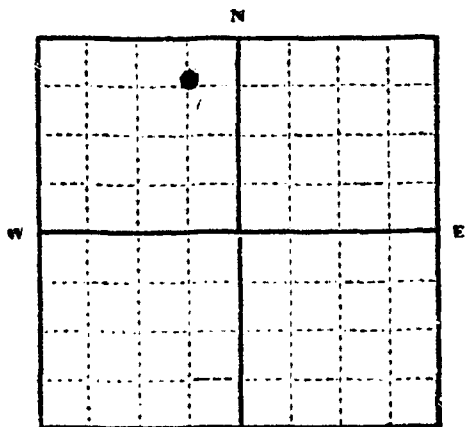
Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Purchased by present owner April 17, 1941

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



NE 1/4 Sec. 28 T. 11 R. 12

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

(The Milan Spring (No. 1))

Subscribed and sworn to before me this 6th day of December 1963

Notary Public for State of Montana
Residing at Drummond, Montana
(My Comm. Exp. 4/1/66)

Signature of Owner J. H. Schultz

Date December 6, 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.

77360

FILED FOR RECORD

Dec. 16 1963

at 4 minutes past 8 o'clock

A.M.

Alvin M. McDonald
County Recorder

By Arnell New
Deputy

File No. _____

STATE WATER CONSERVATION BOARD

T. 11 N R. 12 W

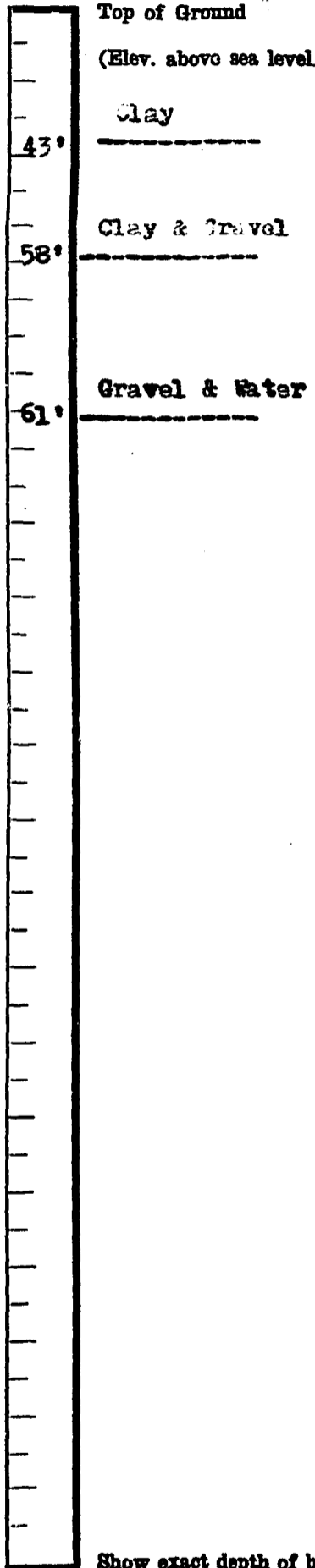
DUPLICATE

JAN 18 1967

County Deer 29

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)

Owner Wally Adler Address Box 413 Drummond, Mont.

Driller Beebe Well Drilling Address Box 172 Arlee, Mont.

Date of Notice of appropriation of groundwater _____

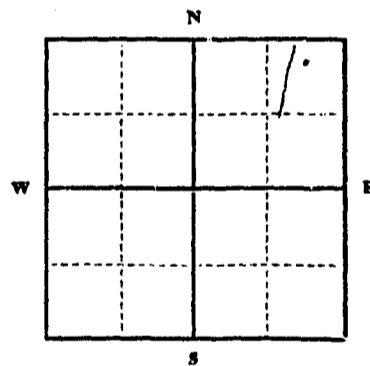
Date well started July 21, 1966 Date completed July 22, 1966

Type of well Drilled Equipment used Churn Drill
(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)
6 "	6" I.D.	<u>1 ft above level</u>	61'	None		



NE 1/4 NE 1/4 Sec. 29 T. 11 N R. 12 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 46' feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 55' feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Below

Length of Test 1 hr.

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

(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).

Household

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.

Mont. 2163
Driller's License Number

Donald Beebe
Driller's Signature

1/6/67

81580

FILED FOR RECORD

1 Jan. 16, 1967.

at 50 minutes past 9:00
o'clock A. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

Fee: \$2.00

File No. STATE WATER CONSERVATION BOARD

T. 11N R. 12W

29

DUPLICATE

MAY 23 1967

County Sanite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner C. E. Hoover Address Dumond, Mont.
(Hoover)

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 which applicable.

Milam Gulch
Sprinkle System

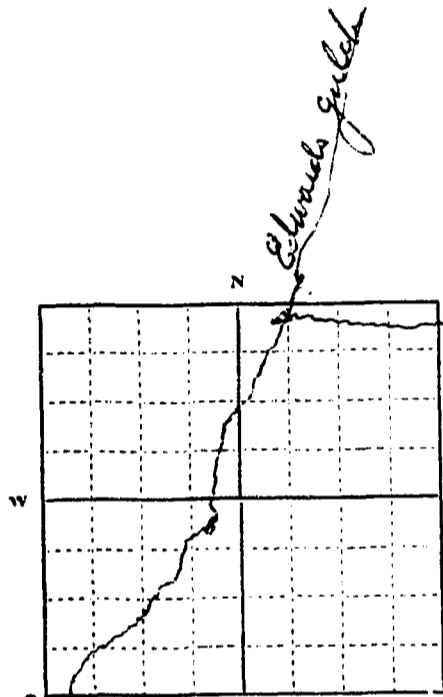
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

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

Just surplus water in Edwards gulch
and all water in Milam gulch

Signature of Owner C. E. Hoover

Date.....



Dumond
N. 1/4 Sec. 29 T. 11 R. 12
Indicate point of appropriation and place of use, if possible.

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

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

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

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

42,025 ~~4425~~

81913

FILED FOR RECORD

May 24, 1967
at 53 minutes past 12:00 o'clock P.M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

File No.

T. 11 R. 7W

DUPLICATE

County GRANITE

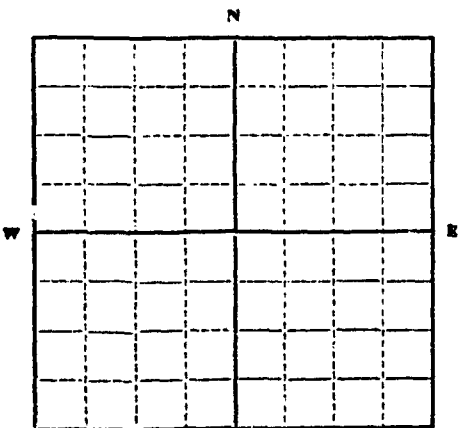
29/30

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

1. JAMES R. McMAHAN of LEWIS AND CLARK, MONTANA -
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



WATER APPROPRIATION IN
TOWN OF LEWIS AND CLARK, STATE
1/4 Sec 11 R17W MONT.

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.....
SHOP & DOMESTIC USE

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been APPROXIMATELY
1951 CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1000 GALLONS PER HOUR NOW
USED - WILL PRODUCE APPROXIMATELY
500 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 & GARDEN IRRIGATION - LOTS
8.9 x 10.1 PLUS 0.75 - LEWIS AND
CLARK -

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater APPROXIMATELY 1951

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 6" DIAMETER CASING - 36'
DEEP

10. The estimated amount of groundwater withdrawn each year 365,000 GALLONS PER ANNUM

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record NONE. WELL IN ABOUT
21' FROM E. END OF LOT 7 x 190' TRAIL PROPOSED -
DR. MAHAN, MONTANA

Signature of Owner James R. Mc Mahan
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.

24148

77699

FILED FOR RECORD

Dec 31 1963

at 38 minutes past 3 o'clock

By
Agnes M. McDonald
County Recorder

By _____ Deputy

File No.

DUPLICATE

RECEIVED
JAN 6 1964

T. 11^N R. 12^W

County Granite

STATE OF MONTANA
STATE ENGINEER ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground
(Elev. above sea level.....)

0 to 40 ft.
top soil + Clay

40 to 52 Shale
+ Clay

52 to 55 Boulders
+ Water

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frank Rasmberg Address Drummond, Mont.

Driller Steth Riddick Address Helena, Mont.

Date of Notice of Appropriation of Groundwater 11-14-1963

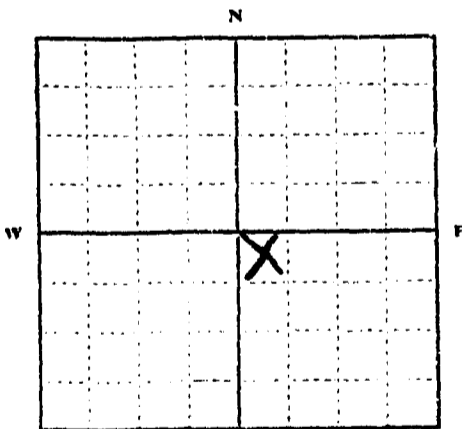
Date well started 11-8-63 Date Completed 11-14-63

Type of well Drilled Equipment Used Chan well
(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)
6"	6" 15#	0	55	Mod		



Sec 39-30-91
..... 1/4 Sec..... T. 11 R. 12
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 55'

Static Water Level for non-flowing Well 47 feet.

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

Pumping Water Level 50 feet at 15 gal. per minute.

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

How Tested Beily Length of Test 2 h

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).....

met No 49
Driller's License Number
Steth Riddick
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.

77587

FILED FOR RECORD

Dec 30 1963

10 minutes past 3 o'clock

P.M.

Agnes M. McDonald
County Treasurer

BY

[Faint vertical stamp or text]

File No. _____

T. 11 N. R. 12 W.

DUPLICATE

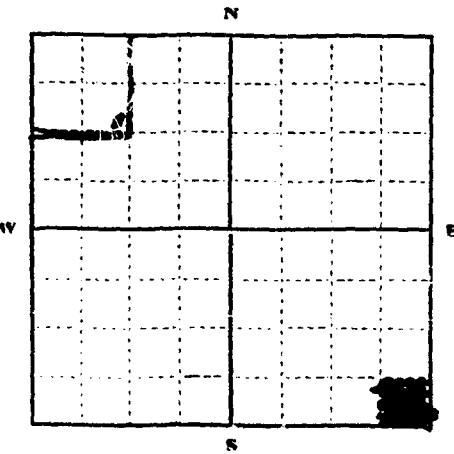
County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

1. GAIL SPACKMAN, of Box 393 DRUMMOND,
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 29 T. 11 N. R. 12 W

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

2. The beneficial use on which the claim is based HOME AND GARDEN USE.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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
4.9 ACRES, GARDENS & LAWNS.
GAIL & ALICE SPACKMAN

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JULY 10, 1950 TO JULY 20, 1950

8. The depth of water table 25 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 PIPE ENCASED, 8 INCH, 160 FT. DEEP, ELECTRIC PUMP

10. The estimated amount of groundwater withdrawn each year 150,000

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

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

Signature of Owner Gail Spackman
Date December 27, 1963

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

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

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

23962

E 77445

FILED TO

Dec 27 63

at 34

P. M.

James M. McInnis

County

James M. McInnis

Deputy

File No.

T. 11 N. R. 12 W.

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

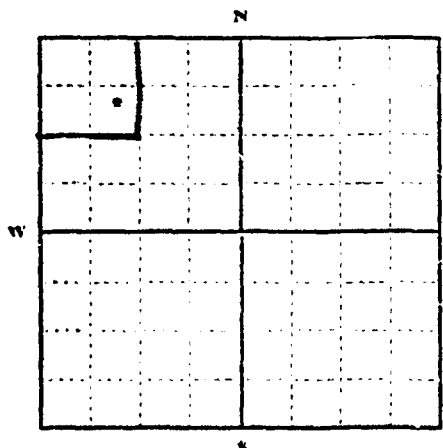
Date of Appropriation of Groundwater. JULY 1961

Owner GAIL SPACKMAN Address DRUMMOND, MONT.

Contractor (if any) SELF

Address of Contractor:

Date Started JUNE 1960 Date Completed SEPT. 1960



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

INSTALL CONCRETE BAR, PIPE WATER TO 3400 GAL CONCRETE STORAGE TANK, PIPE FROM TANK TO HOUSE. 8' TO WATER DEPTH AT VEIN.

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. 3400 GAL

IN EIGHT HOURS MEASURED IN STORAGE TANK. CONTINUAL USE.

N.M.P.A. Sec. 29. T. 11 N. R. 12 W

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

Signature of Owner

Gail Spackman

Date December 27, 1963

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

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

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

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

77494

FILED FOR RECORD

Dec 21, 1963

at 34 minutes past 1 o'clock

A. M.

Agnes M. McDonald
County Recorder

By Arvid Neen
Deputy

File No.

T. 11 R. 12

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

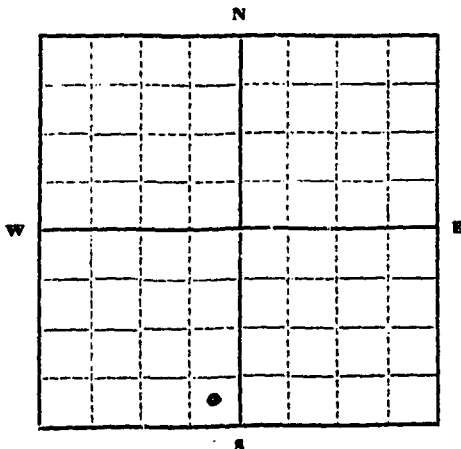
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. George Lyon of Drummond
(Name of Appropriator) (Address) (Town)

County of Granite State of Montana

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



SW 1/4 Sec. 30 T. 11 R. 12

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1895; continuing until 1940

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

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. Bucket Withdrawal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1895

8. The depth of water table. 20 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. 5' x 25'

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

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

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

Signature of Owner George F. Lyon
Date 12/27/63

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

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

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

22979

77518

FILED FOR RECORD

Dec 27 1943

4:45 minutes past 4 o'clock

P.M.
Agnes M. McDonald
County Recorder

By _____ Deputy

File No.

T. 11 R. 12

DUPLICATE

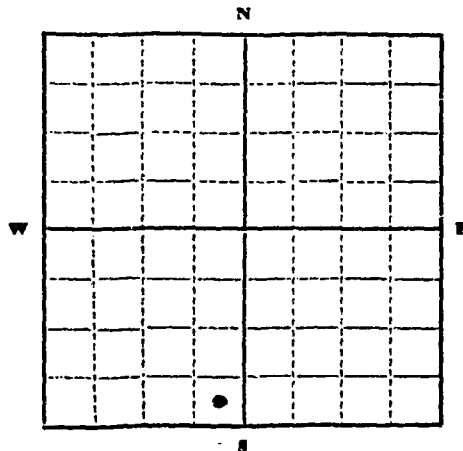
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

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



SW/4 Sec. 30. T. 11 R. 12

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 & agricultural use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1955 - continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
Unknown - continuous use
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...
pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1955
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...
6" pipe to a depth of 40 feet
10. The estimated amount of groundwater withdrawn each year...
Unknown - continuous 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 county record...
None

Signature of Owner...

Kathryn Lyon
Date... December 27, 63

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

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

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

24116

77667

FILED FOR RECORD

Dec 31 1963

at 34 minutes past 2 o'clock

P.M.
Agnes M. McDonald
County Recorder

By _____ Deputy

GW 2

File No.

APR 6 1964

T 11 N R 22 W 30

DUPLICATE

Name _____ County Granite
Cutterin _____ STATE OF MONTANA
Boyle _____ ADMINISTRATOR OF GROUNDWATER CODE
Marlinton _____ OFFICE OF STATE ENGINEER
Clerk _____

Top of Ground
(Elev. above sea level.....)

10
20
30

0' to 26' dirt gravel, clay
26' to 27' sand and water
27' to 29' blue shale

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lynn Spackman Address Drummond

Driller O'Keefe Drilling Co. Address Butte, Montana

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

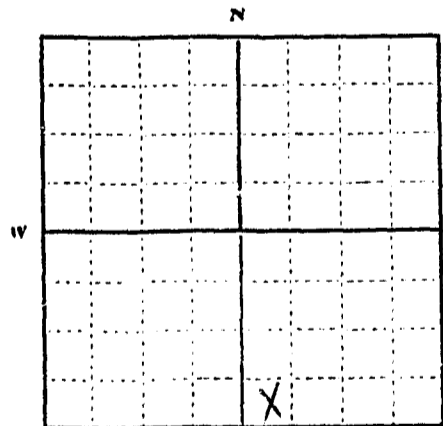
Date well started April 15, 1964 Date Completed April 17, 1964

Type of well drilled Equipment Used churn drill
(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)
6"	6" 19#	0'	27'	cutting torch	22'	27'



SE 1/4 Sec. 30 T. 11 R. 22
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 27'

Static Water Level for non-flowing Well..... 18 feet.

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

Pumping Water Level..... 25 feet at..... 21 gal. per minute.

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

How Tested..... briller Length of Test..... 2 hours

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

Driller's License Number

Edward Krueger
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.

40945

80578

FILED FOR RECORD

April 4, 1966 at 27 minutes
past 1:00 o'clock P. M.

Agnes M. McDonald
County Recorder *

By Maude Echols .
Deputy

File No.

STATE WATER CONSERVATION BOARD

T. 11 N R 12 W

DUPLICATE

APR 6 1965

County Granite 30

Billie _____ McDermott
 Butcher _____ McHenry
 Cook _____ Morton
 Dutton _____ Sullivan

**STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER**



Top of Ground
 (Elev. above sea level.....)

10' to 20' dirt and gravel

20' to 44' clay
 44' to 45' sand and water
 45' to 48' hard red shale

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lynn Jackson Address Drummond, Montana

Driller O. Keefe Drilling Co. Address Butte, Montana

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

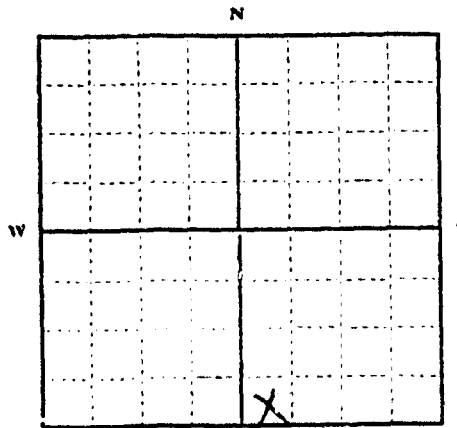
Date well started April 13, 1964 Date Completed April 15, 1964

Type of well drilled Equipment Used churn drill
 (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)
6"	6" 19#	0'	45'	cutting torch	40'	45'



SE 1/4 Sec. 30 T. 11 N R. 12 W
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 45'

Static Water Level for non-flowing Well 16 feet.

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

Pumping Water Level 44 feet at 8 gal. per minute.

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

How Tested builer Length of Test 1 1/2 hours

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).....

Driller 40 License Number

Edward O. Keefe
 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.

40944

FILED FOR RECORD
April 4, 1966 at 25
minutes past 1:00 o'clock P. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy
Fee: \$2.00

File No.

T 11N R 12W
County Granite 31

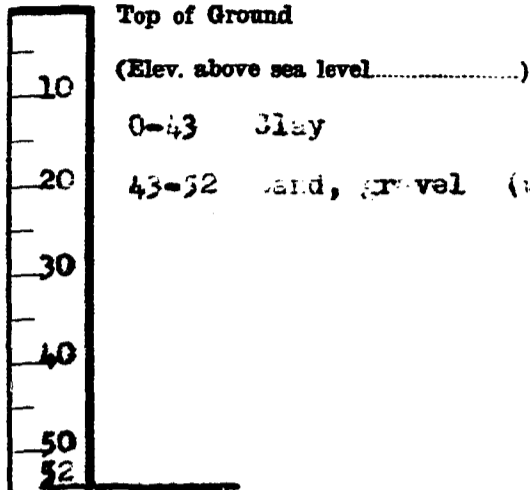
DUPLICATE

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)



Owner Harman, Oplagate Address Oruamond, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

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

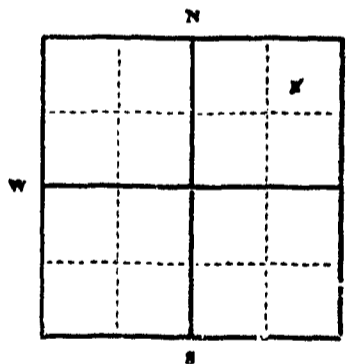
Date well started June 17, 1964 Date completed June 18, 1964

Type of well drilled Equipment used churn drill
(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	From (Feet)	To (Feet)
6"	6" 2, 1/2 lb.	0	52	torch	42	47



Static Water Level for non-flowing well 32 feet.

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

Pumping Water Level..... 30 feet
at..... 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested baler

Length of Test..... 2 hrs.

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

N 1/4 Sec. 3.1 T. 11N R. 12W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

.....(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

E. O'Keefe
Driller's Signature.

42,783

83209

INDEXED

Herman Applegate

FILED FOR RECORD

January 24 1968

at 10 minutes past 11 o'clock

A.M.

Agnes M. McDonald
County Recorder

By Clemons J. Neef
Deputy

File No.

T. 11 R. 12

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

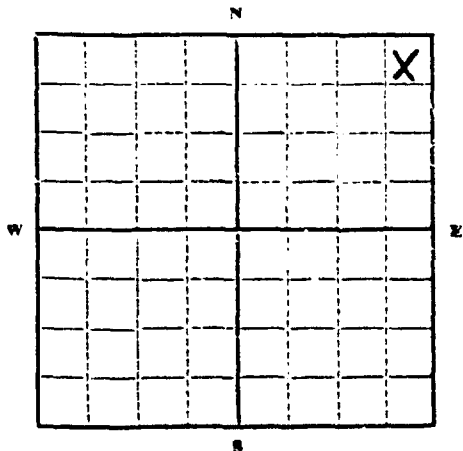
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ASSISTANT
STATE ENGINEER

1. Joseph C. Beck of DRUMMOND
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 31 T11N R. 12 W

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 & GARDEN IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957
CONSTANT USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) APPROX. 200 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
GARDEN USE APPROX. 3
ACRES - J.C. BECK - OWNER

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP - LOCATED ON LOT # 4, BLOCK # 23 OF ORIGINAL TOWN SITE, DRUMMOND

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957

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 Drilled well - 12" CASING
APPROX. 55 FT. DEEP.

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

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 WARRANTY DEED ON OWNERSHIP OF LOT THAT WELL IS LOCATED ON IS RECORDED IN BOOK 37 OF DEEDS ON PAGE 3 OF RECORDS OF COUNTY OF GRANITE.

Signature of Owner Joseph C. Beck
Date April 1, 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.

76475

STATE OF MONTANA }
County of Granite } SS

I, Agnes M. McDonald, County Clerk and Recorder of said County do hereby certify that the annexed instrument is a full, true and correct copy of the original instrument as filed in this office on the 11th day of April, A. D. 1963.

Attest my hand and the seal of said Granite County hereunto affixed, this 11th day of April, 1963.

By Agnes M. McDonald
County Clerk and Recorder

By Agnes New Deputy

File No.

T. 11th R. 2nd

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

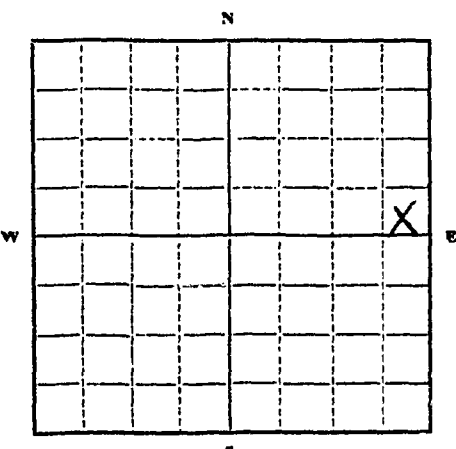
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

APR 1 1963
ASSISTANT
STATE ENGINEER

1. Joseph C Beck, of DRUMMOND
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 31 T. 11N R. 12W

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... Commercial GARAGE + SERVICE STATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1876
CONSTANT
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... APPROX 200 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 APPLICABLE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... ELECTRIC PUMP - LOCATED ON LOT # 16, BLOCK # 2 OF ORIGINAL TRUNSITE, DRUMMOND
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1876
8. The depth of water table... 14 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...
Deep Dug Well, Approx 20' FT.
10. The estimated amount of groundwater withdrawn each year... 50,000 gals
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... WARRANTY DEED ON OWNERSHIP OF LOT THAT WELL IS LOCATED ON IS RECORDED IN BOOK 36 OF DEEDS ON PAGE 135 OF RECORDS OF COUNTY OF GRANITE.

Signature of Owner... Joseph C Beck
Date... April 1, 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.

76474

STATE OF MONTANA, }
County of Granite } SS

I, Agnes M. McDonald, County Clerk and Recorder of said County do hereby certify that the annexed instrument is a full, true and correct copy of the original instrument as filed in this office on the 11th day of April 1963

Witness my hand and the seal of said Granite County hereunto affixed, this 11th day of April 1963

Agnes M. McDonald
County Clerk and Recorder

By Arvid New Deputy

86 299

FILED FOR RECORD

July 23 1970

10 minutes per 11 sheets

Agnes M. Mc Donald
County Recorder

by Eleanor J. Mac
Deputy

File No.

T11N R12W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 13 1954
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 9' Clay

9' to 20' Gravel, clay & water

20' to 24' Red clay & gravel

24' to 48' Clay & gravel

48' to 52' Gray shale

52' to 59' Brown shale

59' to 66' Grey shale

66' to 72' brown shale

72' to 80' Grey shale and water

Owner: Charles N. Brown Address: Drummond, Mont

Driller: Glenn Camp 705 Alder Address: Missoula, Montana

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

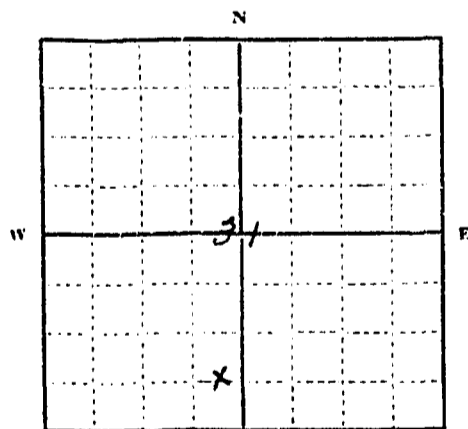
Date well started 10/21/63 Date Completed 10/24/63

Type of well: Drilled (dug, driven, bored or drilled) Equipment Used: Churn drill (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)
6"	6" I.D. 18.97 lbs to ft.	6" above ground level to 73'-7"		none		



SE 1/4 Sec. 31 T11N R12W
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 12' from G.L. feet.

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

Pumping Water Level 65 feet at 70 gal. per minute.

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

How Tested: Bailor Length of Test: 2 hours

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

License # 7
Driller's License Number

Glenn Camp
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.

77941

FILED FOR RECORD

Feb 11 1964

at 55 minutes to 10

A.M.
Agnes M. McDonald
County Clerk

By _____
Dorothy

File No.

T. 11N R. 12E

DUPLICATE

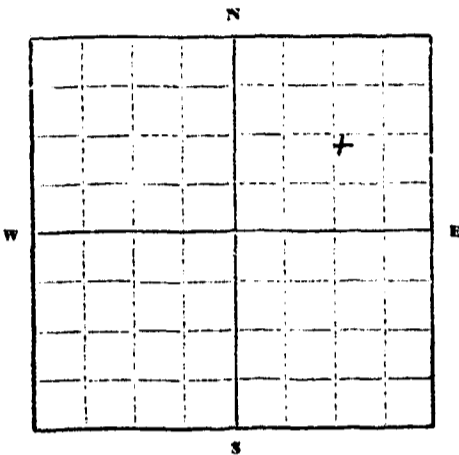
County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 25 1963

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

1. Ernest L. Clawson & Nellie M. Clawson, of Drummond, Montana
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31, T. 11N R. 12E

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

2. The beneficial use on which the claim is based. Water for domestic use. Lot # 12.014 Block 21
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well dug in 1903 and there are seven residences using it at the present time.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 500 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Withdrawn by electric pump located in a pump house on the NE 1/4 of the lot.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1903
8. The depth of water table. Begins at 50 feet below the ground level and extends to a depth of 55 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. This well is 55 feet deep, approximately 3 1/2 feet in diameter. It is a dug well and rocked up. No other well.
10. The estimated amount of groundwater withdrawn each year. 250,000 gallons
11. The log of formations encountered in the drilling of each well if available. About 35 feet of clay formation and the remainder in sand and gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. The well was hand dug to a depth of 55 feet and rocked-up.

Ernest & Clawson
Signature of Owner Nellie M. Clawson

Date October 22, 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.

FILED FOR RECORD

October 22 1963

30 minutes past 11 o'clock

Alma
Alma M. McDonald
County Recorder

Joseph New
Deputy

31

File No.

T. 11N R. 12W

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

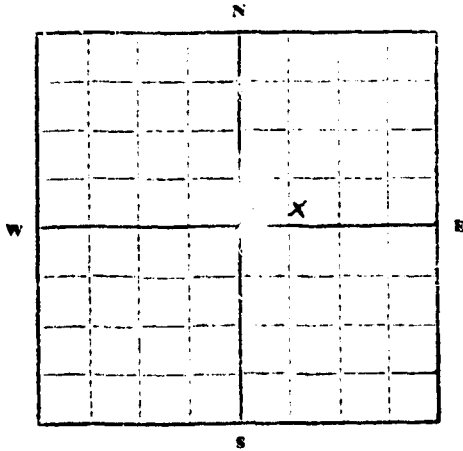
RECEIVED
JUL 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1 Roy & Rose Crossman of DRUMMOND
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows.



N.E. 1/4 Sec 31 T. 11N R. 12W

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

Lot 5 - Block 11 original townsite of Drummond

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

Household use

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

1900

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

10 gals -

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.....

PUMP

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

Hand dug - 1900 - 32 ft - Redrilled 6" casing 57 ft - 1955

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.....

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

Normal household use

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.....

Rose Crossman

Roy Crossman

Date July 2, 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.

File 60

File No.

T 11N R 12W

DUPLICATE

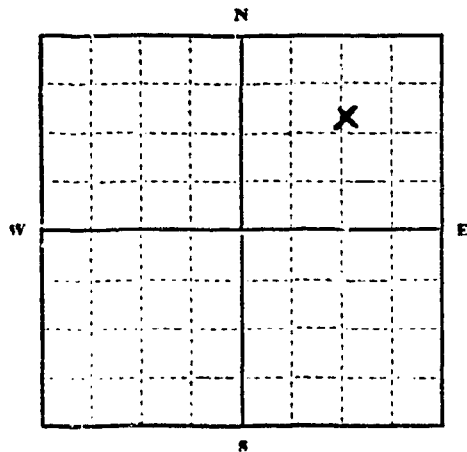
County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I EARL C. DAHLBERG, of DRUMMOND
(Name of Appropriator) (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 31 T 11N R 12W

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

NE 1/4 LOT 4 B1K E
CUMMING ADDITION
TO DRUMMOND, MONT.

- The beneficial use on which the claim is based: HOUSEHOLD USE
- Date or approximate date of earliest beneficial use; and how continuous the use has been: NOT KNOWN
CONTINUOUS USE SINCE
OCT. 19, 1945
- The amount of groundwater claimed (in miner's inches or gallons per minute): 40 GALS. PER MIN.
- If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: NOT APPLICABLE
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: JET PUMP
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: NOT KNOWN
- The depth of water table: 30 FT
- So far as it may be available, the type, size and depth of each well or the general specification of any other works for the withdrawal of groundwater: 35 FT DUG WELL CASING
- The estimated amount of groundwater withdrawn each year: 200,000 GALS
- The log of formations encountered in the drilling of each well if available: NONE
- 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

Earl C. Dahlberg
Date Jan. 9, 1964

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.

97801

BILL BOARD RECORD

for 9 1964

10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

By

Agnes M. M. Donald

Aracel Reed

GW 2

File No.

DUPLICATE

RECEIVED
MAR 2 1964

Approved State Printing Co., Helena, Montana—3931b

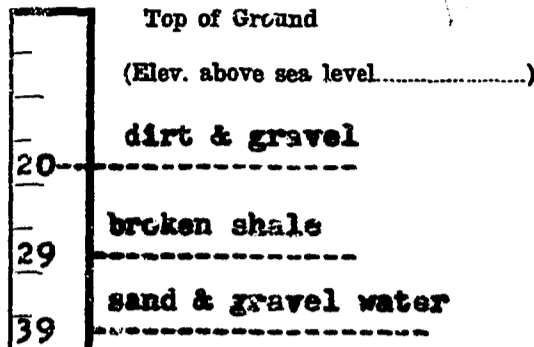
T.11N R.12W

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner **Elen Davis** Address **Drummond, Mont.**

Driller **O'Keefe Drilling Co.** Address **Butte, Mont.**

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

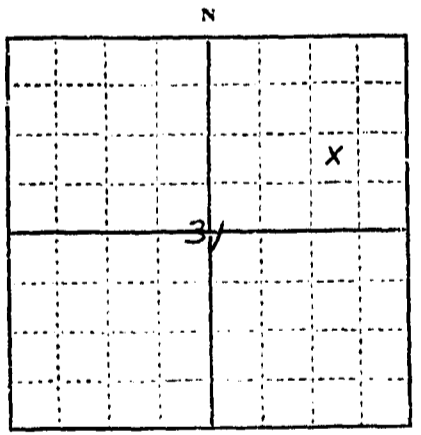
Date well started **11-16-63** Date Completed **11-17-63**

Type of well **drilled** Equipment Used **churn**
(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)
6"	6" 19 lbs.	0	39	Cutting torch	33	38



SE 1/4 NE 1/4 Sec. 31 T.11N R.12W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
LOT 16 BLK 6
Show exact depth of bottom.

Static Water Level for non-flowing Well **16** feet.

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

Pumping Water Level **23** feet at **20** gal. per minute.

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

How Tested **bailer** Length of Test **1 1/2 Hrs.**

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

Mont. License No. **8**
Driller's License Number
Edward A. O'Keefe
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.

33625

77841

FILED FOR RECORD

Jan 20 1964
at _____ minutes past 1 o'clock
8 M.

Agnes M. Mc Donald
County Recorder
By Armed New
Deputy

By 314
Summond

86816

FILED FO^o RECORD

Dec. 2, 1970 at 30
minutes past 1:00 o'clock
P.M.

Agnes M. McDonald
County Recorder

By Maude I. Echols
Deputy.

MONTANA WATER RESOURCES BOARD
RECEIVED

File No.

T. 11 R. 12W 31

DUPLICATE

DEC 11 1969

County Granite

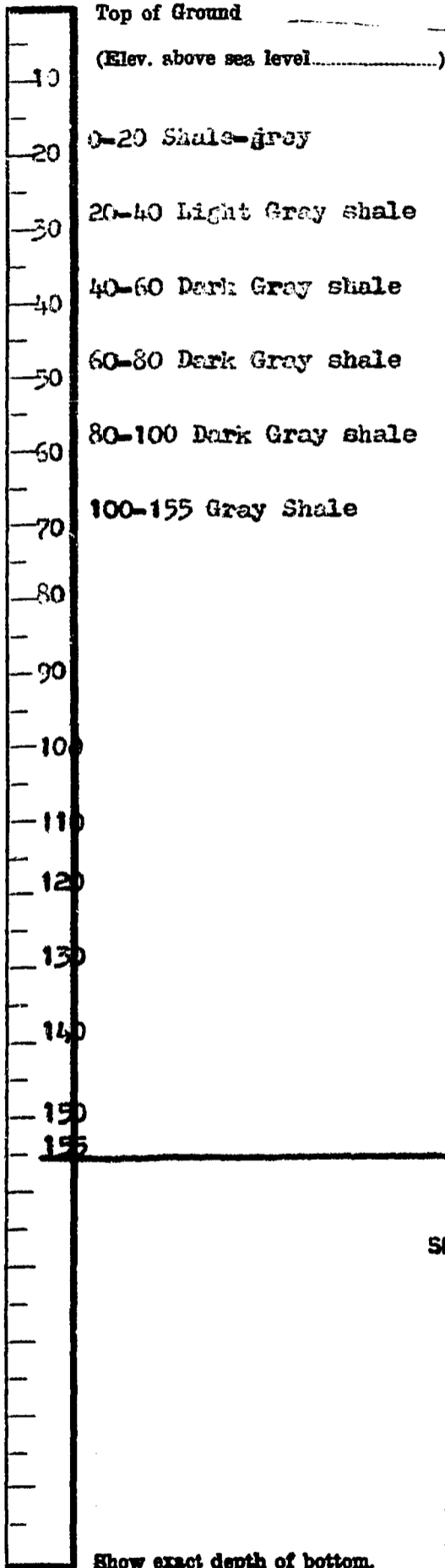
LOG

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)



Owned Drummond Public Schools Address Drummond, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater Nov. 6, 1969

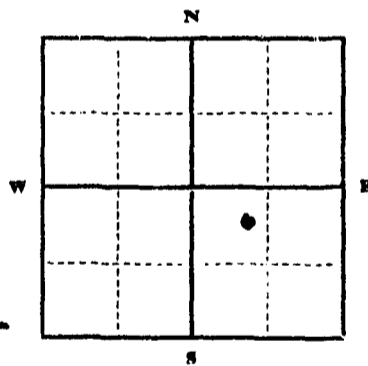
Date well started Oct. 20, 1969 Date completed Oct. 23, 1969

Type of well Drilled Equipment used Churn drill
(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)
6"	6" I.D. 17 lb. 5" I.D. 15 lb.	0'	42'			
		39'	155'	cutting torch	135'	155'



Static Water Level for non-flowing well 25 feet.

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

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

Discharge in gal. per min. of flowing well

How Tested..... baller

Length of Test..... 3 1/2 hours

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

SE 1/4 Sec. 31 T. 11. R. 12W.
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).

Not Applicable

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.

EIGHT
Driller's License Number

O'Keefe
Driller's Signature

45963

85728

FILED FOR RECORD

December 9 1969

at 06 minutes past 1 o'clock

P.M.

Agnes M. McDonald
County Recorder

By Eleanor L. Neal
Deputy

File No.

T. 24 N. R. 12 W.

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

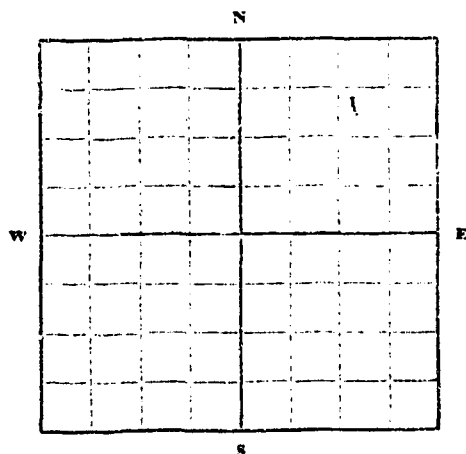
RECEIVED
APR 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. F. H. Durfee and Lee Durfee, of Drummond, Montana
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T11N R. 12W

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

2. The beneficial use on which the claim is based. House and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1947 Standby

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

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. Out Lot #3
F. H. Durfee owner

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. 1947

8. The depth of water table. About 200 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 well about 200 ft.

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

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

Signature of Owner [Signature]
Date April 19, 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.

76492

FILED FOR RECORD

April 23 1963

at 2 minutes past 1 o'clock

P.M.

Agnes M. McDonald
County Recorder

Wesley Row
County

File No.

T. ~~22~~ R. 12 W

DUPLICATE

County: Granite

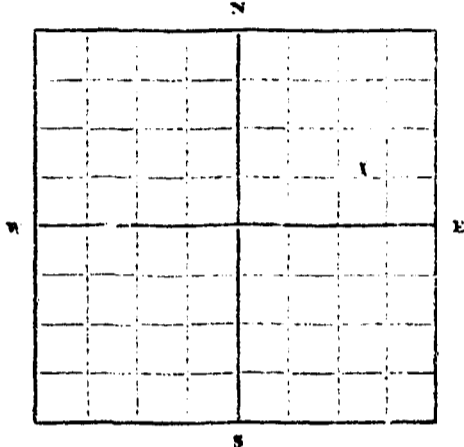
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 26 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. F. H. Durfee and Lee Durfee of Drummond, Montana
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T. 11 N. R. 12 W

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

2. The beneficial use on which the claim is based House use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Constant use since it was drilled in 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lot #27 Block 10
F. H. Durfee-owner

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

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

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 none

10. The estimated amount of groundwater withdrawn each year 365,000 Gallons

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

Signature of Owner F. H. Durfee

Date April 19, 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.

76493

FILED FOR RECORD

April 22 1963

at 2 minutes past 10 o'clock

0 M.

Agnes M. McDonald
County Recorder

By Charles Reed
Deputy

File No.

T. ~~112~~ R. 12 W

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

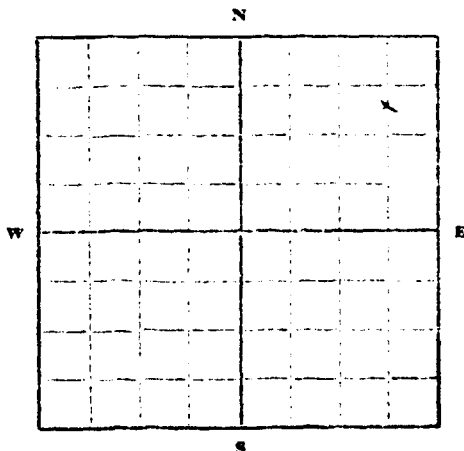
RECEIVED
APR 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. F. H. Durfee & Lee Durfee of Drummond, Montana
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T112 R12W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Lot #6 Block #23

2. The beneficial use on which the claim is based House use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 -- Constant use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lot #6 Block #23
F. H. Durfee--Owner

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

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

8. The depth of water table 42 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 Dug well 45 ft. depth

10. The estimated amount of groundwater withdrawn each year 365,000 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 none

Signature of Owner F. H. Durfee

Date April 19, 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.

76494

FILED FOR RECORD

April 23 1963

at 5 minutes past 11 o'clock
P.M.

Agnes M. McDonald
County Recorder

By Walter Reed
Deputy

File No.....

T. ~~11N~~ ^{11N} R. ~~12W~~ ^{12W}

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

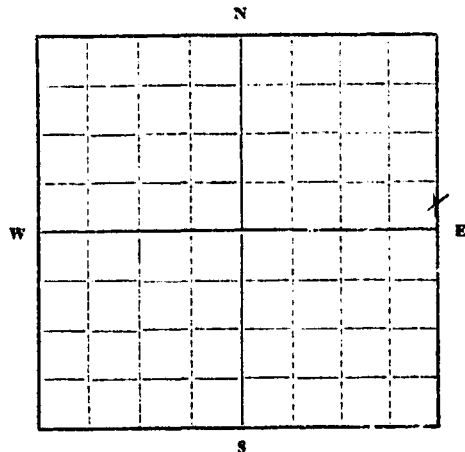
RECEIVED
APR 26 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. F. M. Durfee and Lee Durfee, of Drummond,
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 31 T. 11N R. 12 W

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

Lot #1 Block #1
Tice Addition

- The beneficial use on which the claim is based.....
Commercial
- Date or approximate date of earliest beneficial use; and how continuous the use has been.....
About 1938
continuous use
- The amount of groundwater claimed (in miner's inches or gallons per minute).....
40 gallons per min.
~~2500 gpm~~
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Lot #1 Block #1 Tice Addition
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
About 1938
- The depth of water table.....
Drilled 60ft.
- 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.....
none
- The estimated amount of groundwater withdrawn each year.....
800,000 gallons
- The log of formations encountered in the drilling of each well if available.....
none
- 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 J. M. Durfee

Date April 19, 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.

76495

FILED FOR RECORD

April 23, 1963

at 6 minutes past 1 o'clock

B. L.

Agnis M. McDonald
County Recorder

By Arsene New
Deputy

File No.

T. ~~11N~~ ^{11N} R. ~~12W~~ ^{12W}

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

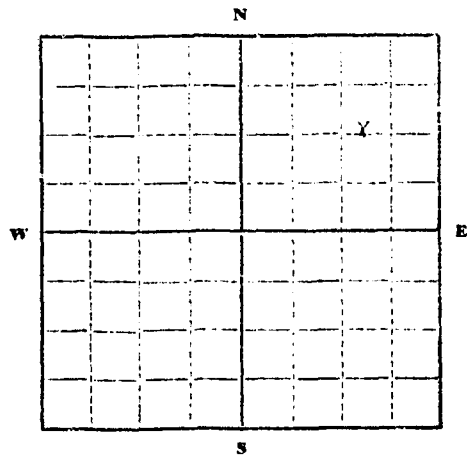
RECEIVED
APR 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NE 1/4 Sec. 31 T. 11N R. 12W

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

Lot #11 Block #21

2. The beneficial use on which the claim is based house and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1906 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gallons 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 Lot #11 Block 21

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 About 1906

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 none

10. The estimated amount of groundwater withdrawn each year 750,000 Gallons

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

Signature of Owner Lee Durfee

Date April 19, 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.

76496

FILED FOR RECORD

April 23, 1963
at 8 minutes past 1 o'clock
P.M.

Agnes M. McDonald
County Recorder

By Archie Wood
Deputy

GW

File No.....

T. 11N R. 12W

31

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

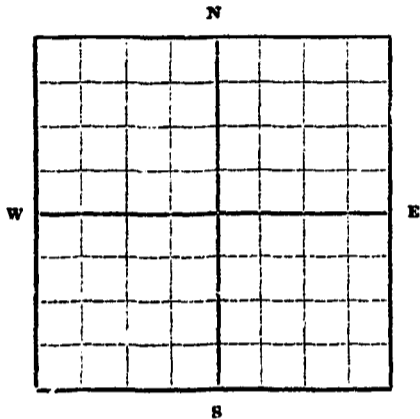
RECEIVED
JAN 8 1967

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

STATE ENGINEER

1. Malcolm E. Egan, of Summit
(Name of Appropriator) (Address) (Town)

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



..... 1/4 Sec. T. R.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

household irrigation

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

1957

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

15 gpm

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.....

Small garden
owner same as above
Lot 8 Block 13 Summit of Summit

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

well

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

1957 drilled

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

2 1/2 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.....

3 1/2 ft

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

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

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

Signature of Owner Malcolm E. Egan

Date Dec 30, 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 School of Mines and Quadruplicate for the Appropriator.

24181

77735

FILED FOR RECORD

Dec 31 1963

at 42 minutes past 4 o'clock

Agnes M. McDonald
County Recorder

Grace Neal

File No. DEC 22 1965

T. 11 N. R. 12 W. 31

County Grant

DUPLICATE

Billie _____ Mr. Dermott _____
But _____
Calk _____
Darlington _____
Dickert _____

STATE OF MONTANA

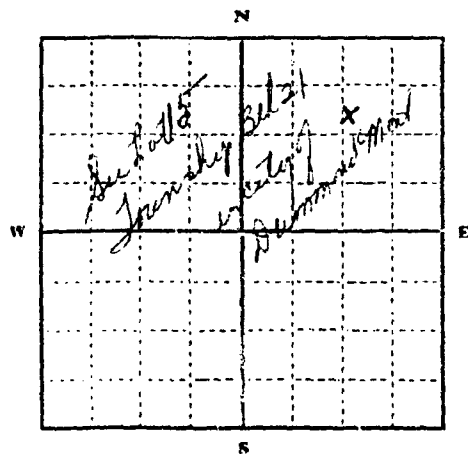
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Williama Regina Enman of Box 466 Drummond Montana
(Name of Appropriator) (Address) (Town)
County of Grant State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T. 11 N. R. 12 W

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, lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been The year of 1908 used ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Don't know

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 Used for household purposes & to water lawn & garden

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

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

8. The depth of water table 6 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 The well is 4 1/2 ft in diameter 54 feet deep. Worked up all the way by hand.

10. The estimated amount of groundwater withdrawn each year Have no idea

11. The log of formations encountered in the drilling of each well if available The water flows from north to south in an underground stream. The formation is a limestone & granite rock with about 5 ft of clay at the surface.

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

William Enman

Signature of Owner William Regina Enman

Date Nov 24 - 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.

40104

30240

FILED FOR RECORD

Dec. 20 1965
P. 65 M. 1:00

Agnes M. McDonald

By Maude Echols Deputy

File No.

T. 11 R. 12

DUPLICATE

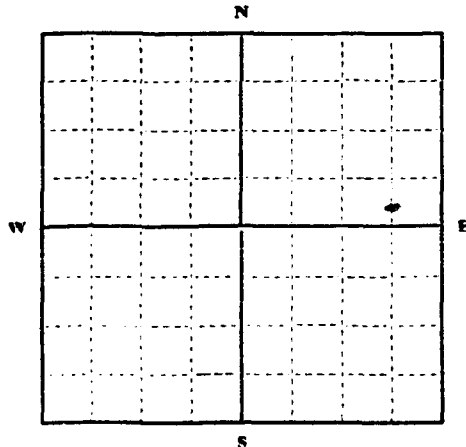
County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

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



$\frac{1}{4}$ Sec. 31 T. 11 R. 12

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

Garage

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

April 1947

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

42 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

no

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

Electric 1/2 horse power

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

April 1947

8. The depth of water table

15 feet from ground level

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

50 feet

10. The estimated amount of groundwater withdrawn each year

10,000

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

driller Walter Kidcock

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

Lots no. 23 and 24 in block no. 5 of the townsite of Drummond, Granite County, Montana

Signature of Owner Emerson Fickler

Date 12-26-63

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.

77492

FILED FOR RECORD

Dec 27 1963

at 30 minutes past 1 o'clock

2 M.

Agnes M. McEnulty
County Recorder

By Arvid New
Deputy

OFFICE OF THE COUNTY CLERK

31

File No.

T. 11 R. 12

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

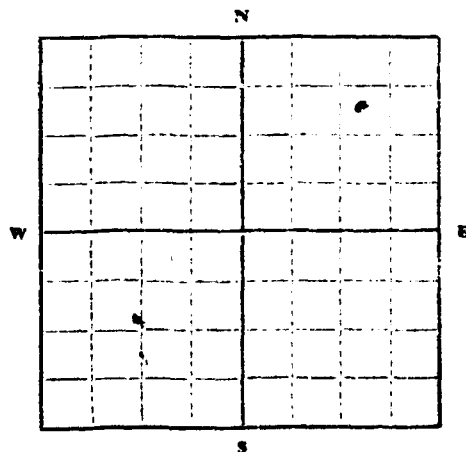
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. J. & Madge Fischer of Drummond
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 31 T. 11 R. 12

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 personal use

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Pump
Lot 8; BIR 11 O.T.S.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May - 54

8. The depth of water table 24 ft. 14 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 inch casing; 84 ft. deep

10. The estimated amount of groundwater withdrawn each year 300,000 gal. y/yr.

11. The log of formations encountered in the casing of each well if available None 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 R. J. Fischer
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.

24010

77752

FILED FOR RECORD

Jan 2 1964

at 30 minutes past 3 o'clock

James M. McDonald
County Recorder

By _____
Deputy

File No.

T. 11N R. 12W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

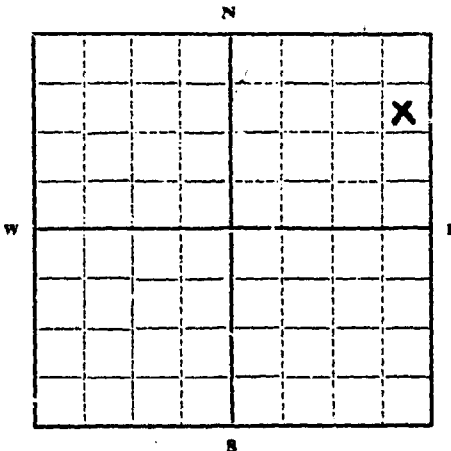
RECEIVED
JUN 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. MR OR MRS GEORGE J. FITHIAN (Name of Appropriator) BOX 16 - DRUMMOND MONTANA (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 31 T 11N R 12W

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. DUPLEX HOUSEHOLD USES - LAWN & GARDEN IRRIGATION.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. AUGUST 1937 - CONSTANT USE SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. LAWN AND GARDEN ADJACENT AND SURROUNDING HOUSE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. TOOK ABOUT A MONTH TO HAND DIG AND CASE WELL EXACT DATES UNKNOWN. WELL DUG BY MR AL BALZHISER.

8. The depth of water table. 50 FEET BELOW SURFACE WITH 1 1/2 FEET HIGH TO 7 FEET LOW DEPTH OF WATER IN BOTTOM OF WELL.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. HAND DUG WELL 50 FEET DEEP BY 5 FEET IN DIAMETER. CONCRETE ENCASED PLASTERED WALLS

10. The estimated amount of groundwater withdrawn each year. 70,000 GALLONS

11. The log of formations encountered in the drilling of each well if available. NONE 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. RECORDED IN BOOK # GRANITE COUNTY COURTHOUSE PHILIPSBURG MONTANA

Signature of Owner George J. Fithian
GEORGE J. FITHIAN
Date MAY 6 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.

ME

31 11M 15M

FILED FOR RECORD

June 12 1963

at 4 minutes past 1 o'clock

A.M.

Agnes M. McDonald
County Recorder

Arnell News
Deputy

12

90055

FILED FOR RECORD

June 26 1873

at 15 minutes past 10 o'clock

A.M.

Maria Manis
County Recorder

By _____ Deputy

90056

FILED FOR RECORD

June 26 1923

12 minutes past 11 o'clock

Mavis Hornum
County Recorder

By _____ Deputy

File No.

T. 11 N R. 12 W

DUPLICATE

County Granite 31

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Mrs. Edith Howe Address Armonia 7th

Driller Unknown Address Unknown

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

Date well started Apr. 15, 1962 Date completed Unknown

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

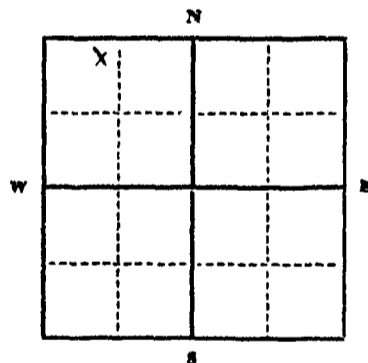
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Top of Ground
(Elev. above sea level.....)

Doc. No. 86439
Filed for record
this 24 day of August
A. D. 19 70, at 4:36
o'clock P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Khad Size	From (Feet)	To (Feet)
6"	8"	0	36			



NE 1/4 Sec. 31 T. 11 N. R. 12 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing wellfeet.

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

Pumping Water Level 36 feet
at 7 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer

Length of Test Unknown

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

(Continue on reverse side)

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

Show exact depth of bottom.

36 ft

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.

Unknown
Driller's License Number

Driller's Signature.

47402

INDEXED

86439

FILED FOR RECORD

August 24 1920

at 36 minutes past 4 o'clock

By *Alvin M. McDonald*
County Recorder

Eleanor S. Naef
Deputy

File No.

T11N R12W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 21 1963
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 5 1/2' Pit

5 1/2' to 30' Clay & gravel

30' to 39' Gravel, clay
& water

Owner Henry Hallen Address Drummond, Montana

Driller Glenn Camp 705 Alder Address Missoula, Montana

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

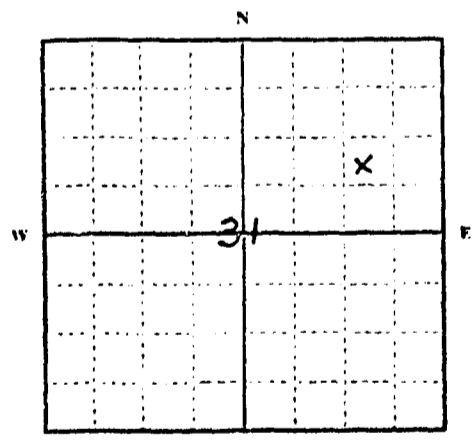
Date well started 11/5/63 Date Completed 11/6/63

Type of well Drilled Equipment Used Churn drill
(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)
6"	6" I.D. 10.97 lbs to foot	6" above bottom of pit to 34'-3"		none		



SE 1/4 NE 1/4 Sec 31 T11N R12W

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 25' from G.L. feet.

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

Pumping Water Level 27 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 1 hour

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

License # 7

Driller's License Number

Glenn Camp
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.

77175

FILED FOR RECORD

Nov 19 1963

9 20

Agnes M. McEneaney

Deputy

File No.

T 11 N R 12 W

DUPLICATE

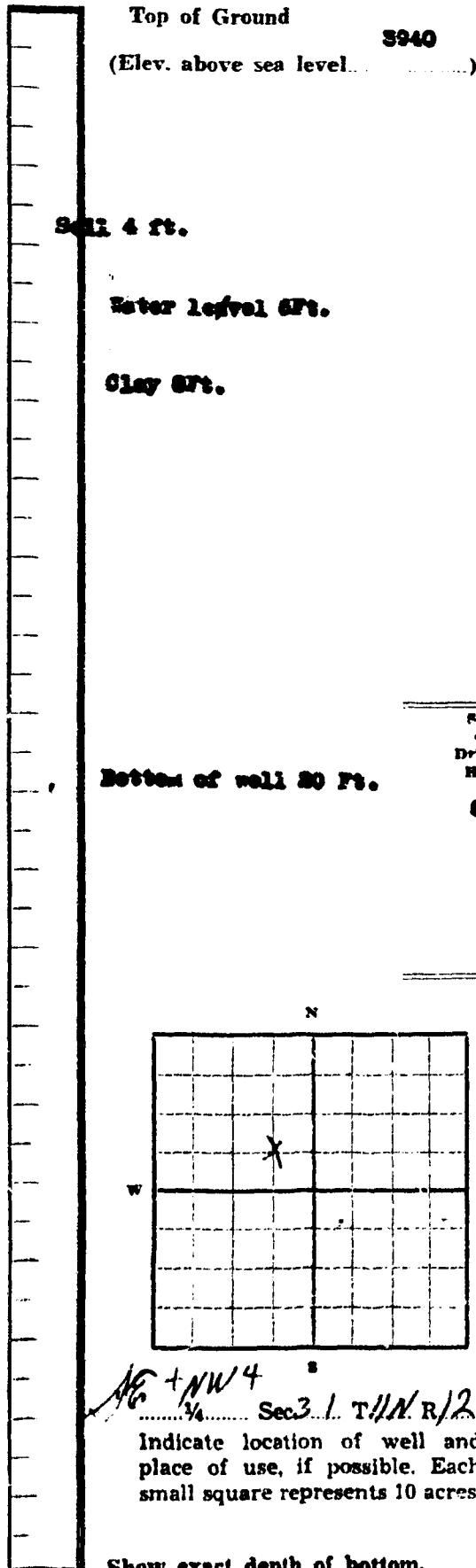
County **Granite**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVE
SEP 28 1961
STATE ENGINEER



Owner **James D. Hollowell** Address **Drummond, Mont.**

Driller **Same** Address

Date of Notice of Appropriation of Groundwater

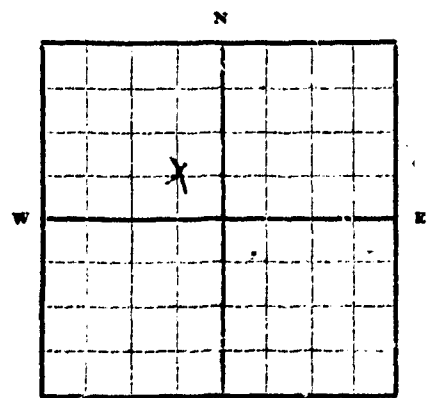
Date well started **Oct. 1960** Date Completed **Oct. 1960**

Type of well **Driven** Equipment Used **Heavy weight**
(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)
6 in.	6 in. Heavy steel casing	4 ft.	20 ft.	slots 1/2 in.	18 to 20 ft.	



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..... **8 ft.** feet at **200** gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... 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)

Driller's License Number

Driller's Signature

James D. Hollowell

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.

FILED FOR RECORD

Sept. 25, 1962
at 32 minutes past 2 o'clock

P.M.

Agnes M. McDonald
County Recorder

By Alvin H. New
Deputy

31

File No.

T. 11th R. 12th

DUPLICATE

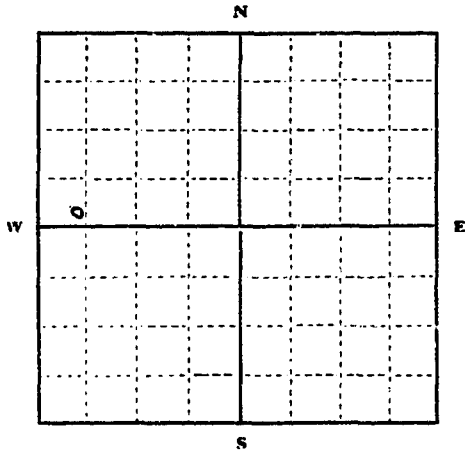
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 8 1964
STATE ENGINEER

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



SE 1/4 of NW 1/4 Sec. 21 T. 11. R. 12.
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 & yard
3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1950
Every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof yard
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1950
8. The depth of water table 50 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 casing
10. The estimated amount of groundwater withdrawn each year
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 Unknown

Signature of Owner Charles Hoover
Date 12/29/63

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.

24013

77555

FILED FOR RECORD

Dec 30 1969
at 12 minutes past 1 o'clock

By *James M. McDonald*
County Recorder

By _____ Deput

File No.....

T. 11^u R. 12^u 31

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 19 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Andrew W. Kidd Address Drummond, Mont.

Driller Walter Kiddock Address Helena, Mont.

Date of Notice of appropriation of groundwater July 29, 1964

Date well started July 16, 1964 Date completed July 29, 1964

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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



Top of Ground
(Elev. above sea level.....)

0 to 40 ft.

loose rock

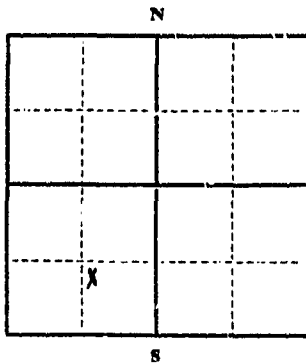
40 ft to 105 ft.

solid rock, lime

water at 155

Total depth 105 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	5" 13#	0	40			



SE 1/4 SW 1/4 Sec. 31 T. 11 N. R. 12 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 65 feet.

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

Pumping Water Level..... 65 feet
at..... 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested..... baller

Length of Test..... 2 hr.

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Mont. License No. 49
Driller's License Number

Walter Kiddock
Driller's Signature

79626

FILED FOR RECORD

July 14, 1965 at

5 minutes past 3:00 o'clock
. N.

AGNES M. McDONALD
County Recorder

By Maude Echols
Deputy

File No.

SOUTHEAST CORNER OF TRACK 1,

T. 11 R. 32

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

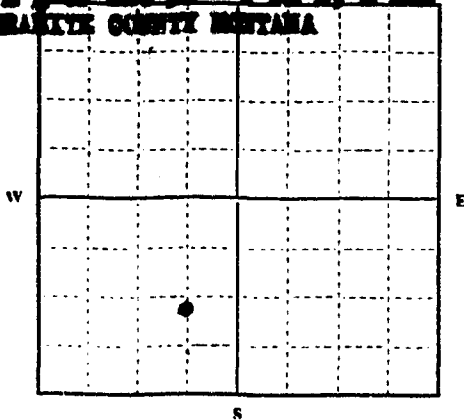
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. VIVIAN SMITH LARRICK, of DEERLEND, M
(Name of Appropriator) (Address) (Town)

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

THIS DIAGRAM IS THE
S/E CORNER OF SEC 31, T. 11 N., R. 32 W.
GRANITE COUNTY MONTANA



S/E CORNER TRACK 1
SE 1/4 Sec. 31, T. 11 N. R. 32

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

SOUTH MAIN STREET AT MILWAUKEE ST. N/W
WEST SIDE OF US 10-A

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

DRINKING AND HOUSEHOLD

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been..... 1950 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 20 GALLONS PER MINUTE

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

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

2" DRIVE STEEL CASING
ELECTRIC PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... 1950

8. The depth of water table..... 20 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..... 2" STEEL CASING 20 FEET DEEP

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

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

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 Vivian Smith Larrick

Date DECEMBER 23, 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.

23987

77526

FILED FOR RECORD

Dec 30 1963

8 minutes past 8 o'clock

Agnes M. McDonald
County Recorder

Archie New
Deputy

File No.

TRACT 1/2 11 R 12

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

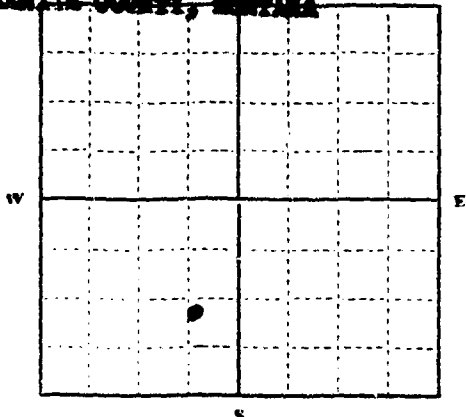
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. VIVIAN SMITH LARRICK, of BOZEMAN
(Name of Appropriator) (Address) (Town)

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

THIS DIAGRAM IS THE SE 1/4 Sec 31 T 11N, R 12W
GRANITE COUNTY, MONTANA



SE 1/4 Sec. 31 T. 11 N. R. 12

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

SOUTH MAIN STREET AT MILWAUKEE BY N/W
WEST SIDE OF US 10-A

2. The beneficial use on which the claim is based

IRRIGATION OF LAW & GARDEN

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

SUMMER OF 1926 BILLED BY

WELLS OF MISSOULA

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

40 GALLONS PER MINUTE WHEN TESTED IN 1926

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

IRRIGATION OF PASTURE, LAW & GARDEN (8 ACRES)

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

WELL

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

SUMMER OF 1926

8. The depth of water table

WELL IS BILLED 20 FEET DEEP

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 STEEL CASING

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner Vivian Smith Larrick

Date NOVEMBER 23, 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.

23986

77525

RECEIVED FOR RECORD

Dec. 30 1963

6 8
9

Agnes M. McDonald

Armed New

11-12 31

File No.

T. 4th R. 1st

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner VIVIAN SUITS Address HELENA, MONTANA

Contractor (if any)

Address of Contractor

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SUB IRRIGATION & GASOLINE PUMP FOR IRRIGATION POND NO. 2 BY HOUSEHOLD CONSTRUCTION IN 1964. POND NO. 2 BY BACK-HOE 6 FEET DEEP; 12 FEET WIDE; 20 FEET LONG. (3 FEET TO TOP OF WATER)

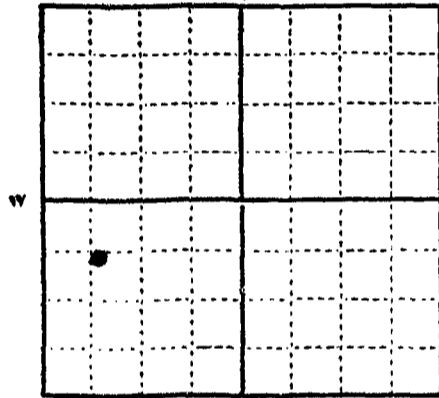
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 2 MONTHS PER YEAR

2000 GALLONS PER YEAR

Signature of Owner Vivian Suits Larriet

Date NOVEMBER 23, 1963

THIS DIAGRAM IS THE
S/W 1/4 SEC 32, T 11N R 1W
GRANITE COUNTY, MONTANA



S/W 1/4 Sec 32 T 11N R 1W

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

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

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

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

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

23985

77524

FILED FOR RECORD

Dec 30 19 63

at 4 minutes past 0 o'clock

A. M.
Agnes M. McDonald
County Recorder

Armed New
Deputy

GW 2

File No.

T. 11^W R. 12^W 31

DUPLICATE

Lot 12+11 - Block 7
Drummond, Mont.

County Granite Co.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
NOV 14 1963

**Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

0 - 22 - ft

top soil

Hard Pan & Gravel

22' - 32' ft

32' - 33' ft.

Course Gravel

Owner K. H. Leuchman Address Drummond

Driller Walter Haddock Address Helena, Mont.

Date of Notice of Appropriation of Groundwater 11-12-63

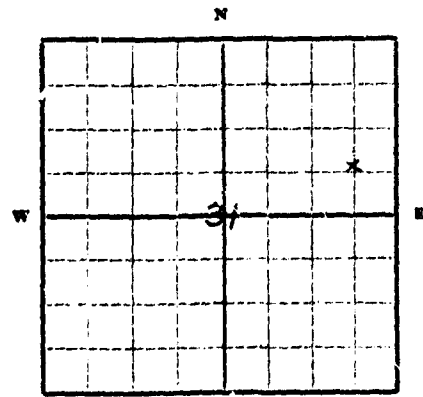
Date well started 11-7-63 Date Completed 11-7-63

Type of well Drilled Equipment Used Churn Drill
(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)
6"	1 5/8"	0	33			



SE 1/4 NE 1/4 Sec. 31 T. 11 N. R. 12 W.
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

33 ft

Static Water Level for non-flowing Well 18 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 40 gal. per minute.

Discharge in gal. per min. of flowing well

Flow 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)

Walter Haddock 49
Driller's License Number

Walter Haddock
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.

7005

FILED FOR RECORD

Nov 12 1863

10 minutes past 10 o'clock

Agnes M. McDonald
County Clerk

By Abner New
Deputy

File No.

T. 11^W R. 12^E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

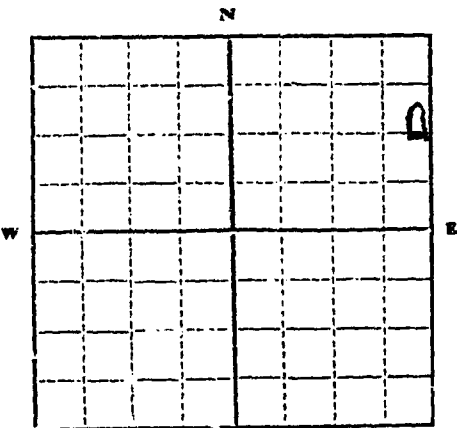
RECEIVED

Declaration of Vested Groundwater Rights 6 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, D. George/Lyon of Drummond (Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 31 T. 11 R. 12

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

- The beneficial use on which the claim is based irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately 1947 - continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) Unknown - large electric pump with 12" pipe, 2000 gals. per minute, approximately
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NW 1/4 Sec. 31, T. 11 Range 12, SW 1/4 Sec. 31, T. 11 R. 12; NE 1/4 Sec. 36, T. 11, R. 13; & E 1/2 SW 1/4 Sec. 25, T. 11, R. 13 - 200 Acres.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal large pond - underground seepage collected and then dispersed - Pond 50' x 200'
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1947
- The depth of water table 4 to 6 feet average
- 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 pond 50' x 200' feet - 10' to 18' deep. Then taken out by electric pump
- The estimated amount of groundwater withdrawn each year Unknown
- The log of formations encountered in the drilling of each well if available None
- 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 D. George/Lyon

Date 12/1/63

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.

23978

77517

RECORDED

FILED FOR RECORD

Dec 27 1963

at 3 minutes past 4 o'clock

W. M. McDonald
County Recorder

By _____ Deputy

File No. DEC 15 1955

T. 11N R. 12W, M.P.M.

Bill McDonnell
 DUPLICATE

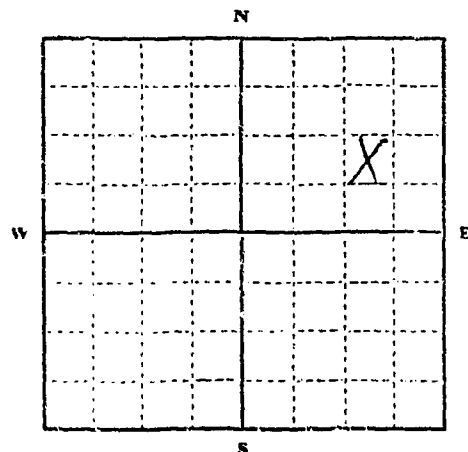
County Granite

City Helena STATE OF MONTANA
 Division Sullivan ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 SE 1/4
 1/4 Sec. 31 T.11 R.12

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 used for public laundry.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been See File No. 5411, records of the Clerk and Recorder, Granite County at Philipsburg, Montana.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal power pump and pressure storage.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater See File # 5411, records of the County Clerk and Recorder at Philipsburg, Montana.
8. The depth of water table Same as No. 7 above.
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 Same as No. 7 above
Well located on Lot 30, Block 6, Original Townsite of Drummond, Montana.
10. The estimated amount of groundwater withdrawn each year See No. 7 above.
11. The log of formations encountered in the drilling of each well if available See No. 7 above.
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 This is an amended Declaration to supply information which was inadvertently left off of the original filing on this well which is under File No. 5411 of the records of the Clerk and Recorder of Granite County at Philipsburg, Montana.

Signature of Owner James McMahan
 Date December, 1955.

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.

80222

FILED FOR RECORD

Dec. 13, 1965 at 15 minutes
past 3:00 o'clock P. M.

Agnes M. McDonald
County Recorder

By+ Maude Echols
Deputy

File No.

T. 11N R. 12W

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

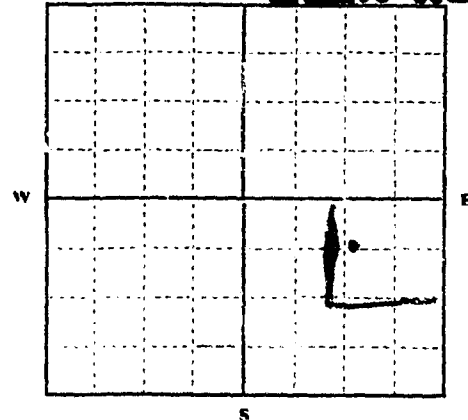
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **John P. Mentsels**, of **Drummond**,
(Name of Appropriator) (Address) (Town)

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

**This diagram is of Section 31; T11N; R 12W
Granite County, Montana**



2. The beneficial use on which the claim is based.....
3 wells

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been **1957 continuous**

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) **20 gal per minute**

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

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal.....
Electric Pump

Section 31 T11N R 12W
1/4 Sec. T. R.

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 with-
drawal of groundwater **1957**

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 **6" Drilled Well 60' Deep
Drilled by Walter Riddick of Helena, Montana**

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

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

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

Signature of Owner **John P. Mentsels**

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.

24080

77626

FILED FOR RECORD

Dec 31 1963

at 28 minutes past 11 o'clock

A.M.
Agnes M. McDonald
County Clerk

By _____ Date _____

File No.

T. 11^N R. 12^W

DUPLICATE

County Grant

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

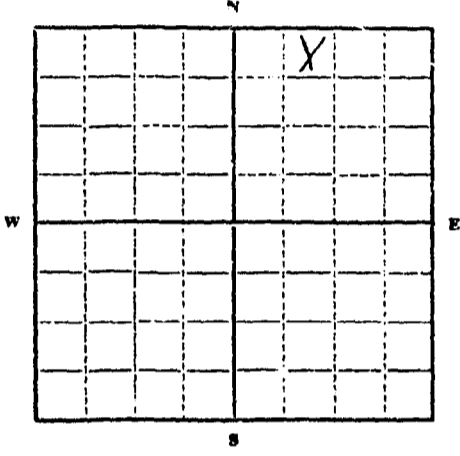
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Reed and Patricia Mitten, of Drummond
(Name of Appropriator) (Address) (Town)
County of Grant State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 31 T. 11N R. 12W

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. Personal use, garden sprinkling and lawn sprinkling
live stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1950 to present, continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner, thereof. approximately 1500 square feet of Block, K Lot 2, Cummins addition

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric deep well pump, in utility room of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. began in September, 1950 and completed in September, 1950

8. The depth of water table. Depth of well is 115 feet, water rises to 15 feet from top.

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 drilled and cased well for 115 feet from surface, water rises to 15 feet from surface.

10. The estimated amount of groundwater withdrawn each year. 150,000 gallons

11. The log of formations encountered in the drilling of each well if available. 25 feet of sand and gravel, 75 feet of lime formation, 15 feet of quartzite

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. Well produces soft water tested at 9 point hardness.

Signature of Owner Reed Mitten
Patricia M. Mitten
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.

23998

77538

FILED FOR RECORD

Dec 20 1963

at 32 minutes past 10 o'clock

A.M.

Agnes M. McDonald
County Recorder

BY

31

File No.

T. 11N. R. 12W.

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

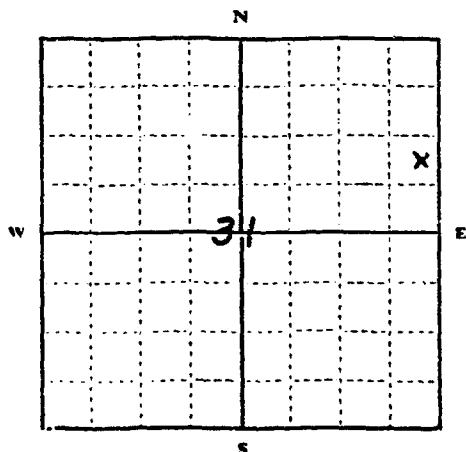
RECEIVED
DEC 5 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SE 1/4 NE 1/4 Sec 31 T. 11N. R. 12W

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal per minute

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

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

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

8. The depth of water table 30 ft.

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

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

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 Carl Joseph Adams
Date Dec. 3 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.

7575

2 17244

FILED FOR RECORD

Dec 3 1963

at 50 p.m. on the 11 of Dec

4
Agnis M. M. Donald
County Recorder

By Frank Hunt
Deputy

File No.

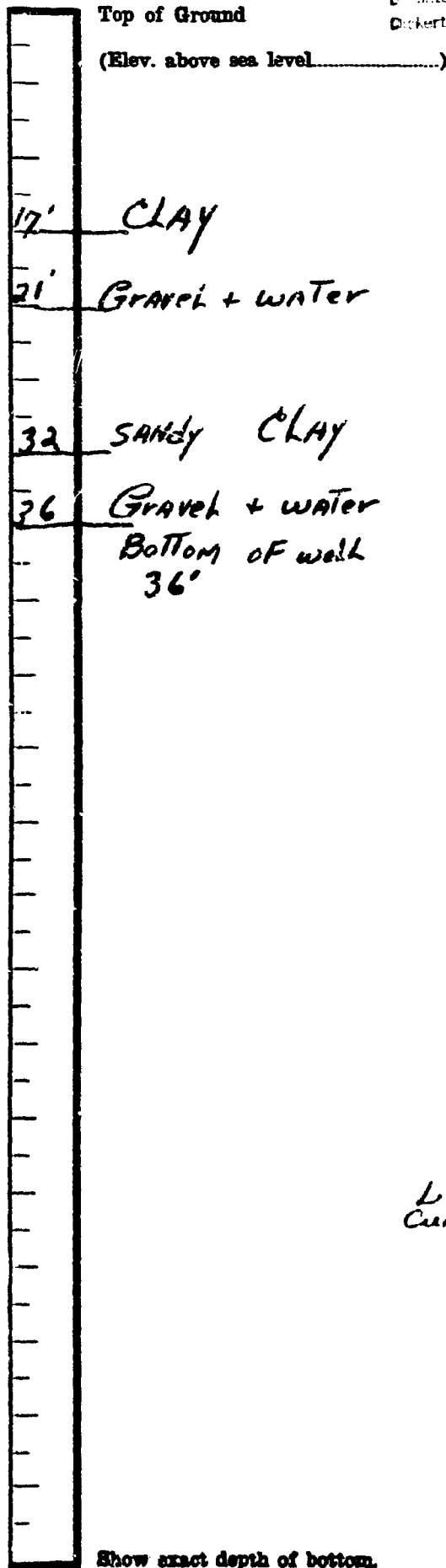
APR 29 1966

T. 11N R. 12W

DUPLICATE

County Groute
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG



Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner A. Thur NEWMAN Address Box 291 Drummond

Driller O'Keefe Drilling Address Butte MONT

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

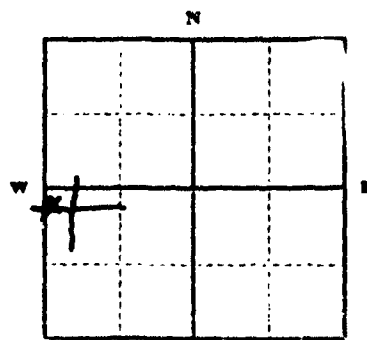
Date well started April 4 1966 Date completed April 5 1966

Type of well drilled Equipment used Churn drill
(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)
6" ID	17.82"	1 Foot above Ground Level	36'	6" x 1/4"	33'	36'



Static Water Level for non-flowing well 12 feet.
out-in Pressure for Flowing Well N/A
pumping Water Level 18 feet
at 12 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)

LOT 1 BLOCK E
Cummary Addition Drummond
.....14..... Sec..... T..... R.....
Indicate location of well and piece 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).

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.

MONT # 8

Driller's License Number

Donald R. Beck
Driller's Signature

80641

FILED FOR RECORD
April 27, 1966 at
07 minutes past 2:00
o'clock P. M.

Agnes H. McDonald
County Recorder

By Maude Echols
Deputy

Granite Co