

26

File No.

T. 15 N. R. 11 W.

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 7 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner THOMAS A. EDWARDS Address OVANHO, MONT.

Contractor (if any)

Address of Contractor

Date Started JUNE 1948 Date Completed JUNE 1948

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

SPRING LOCATED ON HILLSIDE. 1 1/2 INCH
PIPE INSERTED HORIZONTALLY DRAINING
STREAM OF WATER TO INSTALLED IRON
TANK.

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

estimate approximate lengths of periods of use ONE GALLON
STREAMS OUT PER MINUTE INTO TANK
USED AS A WATERING TROUGH FOR
STOCK

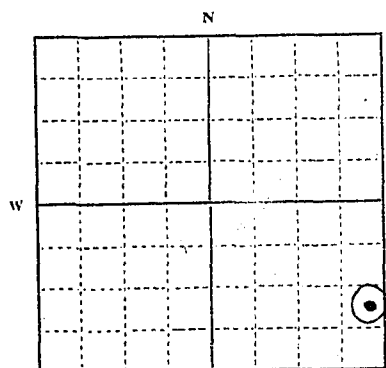
Signature of Owner Thomas EdwardsDate February 23, 1964

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

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

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

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



SW 1/4 Sec. 26 T. 15 R. 11

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

① LOCATION OF SPRING

35651

73779

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL.

THOMAS E. EDWARDS

RECEIVED
POWELL COUNTY, MONTANA

May 5th., 19 64
at _____ minutes past 1:30 o'clock
P. M.
Daniel B. Hertz, Jr.
Clerk and Recorder
By _____ Deputy
Fee \$ 2.00 pd.

RECEIVED
MAY 20 1959

T. 15 R. 11
County. Powell

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

5 T R
Lot 27-15-11

Owner: Ed Leary Address: Overdo
Driller: Glenn Conroy Address: 305 alley
Date Started: April 27 1959 Date Completed: April 30 1959
Location: Sec. 27 T. 15 R. 11 1/4 sec.

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

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

Casing: 2 1/2" above ground to 8 1/2" ft. Type: 6" I.D. steel Size: 19 ft. to foot
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 6.7 ft. from top of pipe feet.

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

Pumping water level: 6.7 ft. from top of pipe feet at 30 gal. per min.

How tested: Bail

Length of test: 2 hrs.

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

[illegible][illegible]

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES 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)

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

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

Owner Tom Edwards

Address Orando, Montana

Date well started 10/12/70

completed 10/18/70

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 1/2 I.D. 17#	0	160'	1 1/2	81	87

HOUSE
WELL
1268 FEET UNDER GROUND PIPE
SEC N 28

NW 1/4 NW 1/4 Sec 28

T. 15 N. R. 11 E. S. 1 W.

Static water level 35 ft.*
Pumping water level 33 ft.*
at 50 gallons per minute,
measured 5 minutes after pumping
began.

*Measured from ground level.
Well developed by Bailing
for 4 hours.

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

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

Driller's Signature H. D. Martin

Driller's Address Box 241, Lincoln, Montana

LICENSE NO. 203

County POWELL

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	20	Top soil & boulders
20	65	Gravel
65	70	Sand
70	87	Gravel & sand (Fine)
87	160	Yellow silt
160	161	Sand & fine gravel
161	185	Blue clay
		Water at 86' rise to 35' of surface
		First well drilled to 125'
		Rock & top soil first
		15' blue clay from
		15' to 125' No Water
		Second well drilled to 180'
		Top 15' rocks & top soil
		15' to 38' gravel-very little water.
		Blue clay from 38' to 150'---Dry.
		Blue clay carries a very oily film.

185' Show exact depth of bottom

47954

84108

RECEIVED
POWELL COUNTY, MONTANA

December 30th 19 70

at _____ minutes past 9:00 o'clock

A. M.

Elfa McDonough

Clerk and Recorder

By. _____ Deputy

Fee \$ _____

File No.

T. 15 R. 11

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

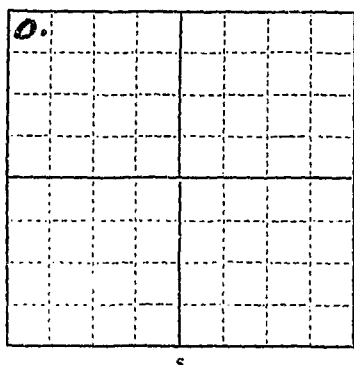
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Edward J. Geary, of Owens
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 28 T. 15 R. 11

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

2. The beneficial use on which the claim is based household garden lawn & livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been dug well 1897 and drilled rope hole 1948 used continually
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 80 gal a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof half acre of lawn & garden Edward J. Geary
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater in Oct. 1948 the well was drilled dug by rope in 1897

8. The depth of water table 80 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing 87 feet deep

10. The estimated amount of groundwater withdrawn each year around 1,095,000 each yr. around 3000 gallons each day

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

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

Signature of Owner

Edward J. Geary
Date Dec 17 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.

12497

72895

DECLARATION OF VESTED GROUND-
WATER RIGHTS

EDWARD D. GEARY

RECEIVED
POWELL COUNTY, MONTANA

December 23rd, 1963
at _____ minutes past 9:00 o'clock
A.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

47798

83952

RECEIVED
POWELL COUNTY, MONTANA

November 19th 19 70
at _____ minutes past 10:50 o'clock
A. M.
Elfa McDonough
Clerk and Recorder
By _____ Deputy
Fee \$ _____

CountEQval1

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 26 1972

DRILLER'S LOG

Indicate the character, color, thickness of strata such as scli, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner John W. Martin

Address 532 E. Maryland Ave.

Phoenix, Arizona

(OVANDC WELL)

Date well started ...10/2/72

completed10/8/72

For Administrator's Use

File 87248

Oct. 25, 1972 - 11:15 a.m.

GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment usedCable tools

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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


ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	17#	0	42	slots	15'	24'

Static water level 1 1/2 ft.*
Pumping water level 20 ft.*
at 80-100 gallons per minute,
measured 120 minutes after pumping
began.

*Measured from ground level
Well developed by pumping
for two hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 NW 1/4 Sec. 29

T. 15 N R. 11 

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

Driller's Signature

Phone; 362-4336

Driller's AddressBox 241, Lincoln, Montana

LICENSE NO. 203

Top of Ground

(Elev. above sea level)

[illegible]

4.29

Show exact depth of bottom

51,691

87248

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JOHN W. MARTIN

RECEIVED

POWELL COUNTY, MONTANA

October 25th 1972

at _____ minutes past 11:15 o'clock

A. M.

Bonnie J. Miller

Clerk and Recorder

By _____

Asst. Deputy

Fee \$ 2.00

File No.

DUPLICATE

T. 15 N. R. 11 W.

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

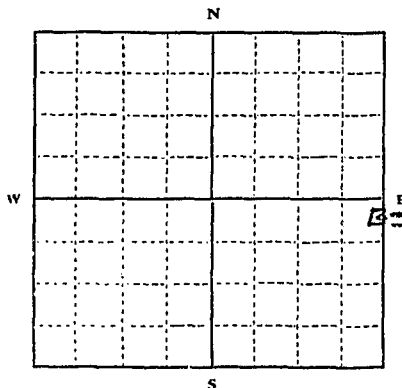
RECORDED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Flat School
School Dist 34 (Name of Appropriator), of Cardo (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 29 T. 15 N. R. 11 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. lawn household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Sept 1952
used approx. a year and 1 year continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 80 gal a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. part of lawn for lawn & flowers.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pumps.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Sept 1952
8. The depth of water table. 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch casing 90 feet
10. The estimated amount of groundwater withdrawn each year. 765.00
11. The log of formations encountered in the drilling of each well if available. gravel clay & 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 records. none that we know of
school trustees Norman Ferguson
Signature of Edward D. Hickey
Date Dec. 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.

18083

72941

DECLARATION OF VESTED GROUND-
WATER RIGHTS

SCHOOL DISTRICT 34

RECEIVED
POWELL COUNTY, MONTANA

December 30th, 19 63
at _____ minutes past 8:05 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

88310

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

ED GEARY

RECEIVED
POWELL COUNTY, MONTANA

May 24th 19 73

at _____ minutes past 10:30 o'clock

A. M.

Bonnie J. Miller

Clerk and Recorder

By _____

ED
Asst. Deputy

Fee \$ 2.00

Page / of /

County

Powell
Big Horn

Twp.

1517

Rge.

100

[illegible]

GW 3

File No.

DUPLICATE

T. 15N R. 10W

County. Powell

RECEIVED
JAN 10 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

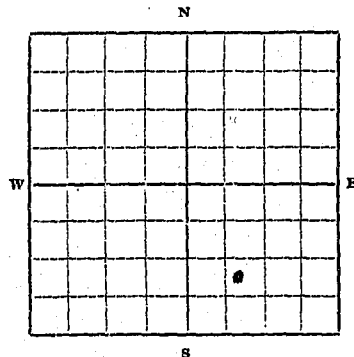
Date of Appropriation of Groundwater May 1948
Owner Walter S. Thisted Address 1127 Fourth Ave. N., Great Falls, Montana

Contractor (if any)

Address of Contractor

Date Started May 1948 Date Completed May 1948

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. collector box at surface spring with 1-1/2" gravity supply line to cabin 60" distant



SW 1/4 SE 1/4 Sec. 6 T 15N R. 10W

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

same

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 5 gpm
mainly May through October

Signature of Owner Walter S. Thisted

Date Dec. 30, 1963

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

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

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

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

29344

73125

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

WALTER S. THISTED

RECEIVED
POWELL COUNTY, MONTANA

January 6th, 1964

at _____ minutes past 9:35 o'clock

A. M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By _____

Deputy

Fee \$ 2.00 Paid

GW 3

File No.

T. 15N. R. 10W.

DUPLICATE

County. Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

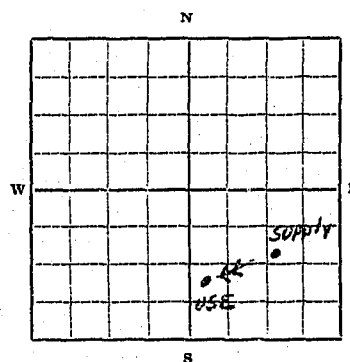
Date of Appropriation of Groundwater July 1958
Owner Walter S. Thisted Address 1127 Fourth Avenue N.
Great Falls, Montana

Contractor (if any)

Address of Contractor

Date Started June 1958 Date Completed July 1958

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable collector box at surface spring with
2" gravity supply line to cabin 1350' distant.



NE 1/4 Sec. 6 T. 15N. R. 10W.

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

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate lengths of periods of use 10 gpm
mainly May through October

Signature of Owner Walter S. Thisted

Date Dec. 30, 1963

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

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

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

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

29343

73124

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

WALTER S. THISTED

RECEIVED
POWELL COUNTY, MONTANA

January 6th, 19 64

at _____ minutes past 9:30 o'clock

A. M.

Daniel B. Hertz, Jr.

Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

JUL 9 1973

County.....

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

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

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

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

JOHN KENNETH EVANS and
Owner MARY IRENE EVANS

Address

For Administrator's Use

File 88699

6-29-73

Date well started July, 1963

GW 1 4.45 p.m.

completed July, 1963

Type of well hand dug

(Dug, driven, bored or drilled)

Equipment used shovel

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
15" by 16 feet	deep					

Static water level3.....ft.*
Pumping water level3.....ft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by ...

forhours.

Power..... Pump.....1..... HP

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

Lot $\frac{1}{4}$ 1 $\frac{1}{4}$ Sec. 7

T.....15... N R.....10... EX
 \overline{x} \overline{y} \overline{w}

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

Appropriator's

DXNetX Signature

-Unknown-

Driller's Address

LICENSE NO.

Show exact depth of bottom

55870

88699

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JOHN KENNETH EVANS et ux

RECEIVED
POWELL COUNTY, MONTANA

June 29th 1973

at _____ minutes past 4:45 o'clock

P.M.

Bessie J. Miller

Clerk and Recorder

By

Ed
Asst. Deputy

Fee \$ 2.00

County.....

JUL 8 1973

DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD M

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

JOHN KENNETH EVANS

Owner and MARY IRENE EVANS

Address

For Administrator's Use

File 88698

Date well started Aug., 1949

GW 1 4:44 PM

completed Sept., 1949

Type of well hand dug

(Dug, driven, bored or drilled)

Equipment used shovel

(Churn drill), rotary or other

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

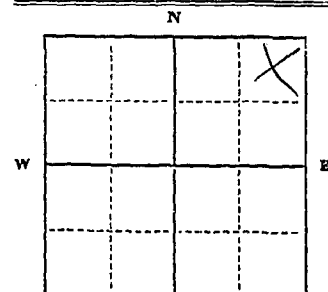
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
15" by 16 feet deep						



Static water level3.....ft.*
Pumping water level3.....ft.*
atgallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by hand pump
for hours.

Power..... Pump..... HP

Remarks: (Gravel packing, cementing,

packers, type of shutoff)

---cement tile---

.....CONTINUED.....

Lot/xx xxSec. 7
T. 15 N R. 10 x5x
x8x W

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

Appropriator's

~~Driver's~~ Signature S

Driller's Address -unknown-

LICENSE NO.

Top of Ground	
From (Feet)	To (Feet)

(Elev. above sea level)

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground

(Elev. above sea level)

Show exact depth of bottom

55869

88698

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

JOHN KENNETH EVANS et ux

FILED
POWELL
June 29th 73
at _____ 4:44
P.M.
Bernice J. Miller
By _____
Asst. Deputy
Fee \$ 2.00

T.....R.....
County.....

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 12 1961

WATER WELL LOG

STATE ENGINEER

well X

Owner **Howard Copenhagen** Address **Ovando**
Driller **Glenn Camp** **705 Alder** Address **Missoula, Montana**
Date Started **April 21, 1959** Date Completed **April 25, 1959**
Location: Sec..... T..... R..... ¼ sec.....

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....
6' below ground level to 118'-8" **Seamless** **6" I.D. 19 lbs to foot**
Casing:.....ft. to.....ft. Type..... Size.....

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

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

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

Type of screen or perforations.....

Static Water level, for non-flowing well: **112' from ground level**.....feet.

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

Pumping water level **112'**.....feet at **10**.....gal. per min.

How tested: **Bailer**.....

Length of test: **2 hours**.....

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

all 3 copies to be filed with County Clerk and recorder

(over)

Log of Well

[illegible]

RECEIVED
MAR 2 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 15 N. R. 10 W.

County. POWELL

WATER WELL LOG

Owner. D. LAWRENCE COPELAND Address. OLVADO, MONT

Driller. H. RUSSELL MOWBRAY Address. MISSOULA, MONT

Date Started. JULY 22 1952 Date Completed. AUG 16 1952

Location: Sec. 18 T. 15 N. R. 10 W. 1/4 sec. 18

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

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

Casing: 100 FEET ft. to SURFACE ft. Type. STANDARD bulk Size 6" 1.25 SEAMLESS TYP 19# WITH SHOE

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

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

Perforated or Screened: Ft. NONE to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations. NONE

Static Water level, for non-flowing well: 56 ft FROM SURFACE feet.

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

Pumping water level. 90 FT feet at WITH 10 FT DRAW DOWN gal. per min. 50 GAL

How tested: R.P.L.I.F.T.

Length of test. 4 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) NONE

(over)

[illegible]

1518 So 14th W

Missoula

Wendell

ph 21-3-3012

RECEIVED

County Powell

JUL 11 1970
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 88704

6-29-73

GW 1 1:50 p.m.

Owner Charley F. Hughes

Address Ovando MT. 59854

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Undeveloped

2. Means of withdrawing water (gravity, pump, canal, etc.) Gravity Natural flow

3. Depth of water table Surface

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) _____

6. If used for irrigation, give number of acres and description of land _____

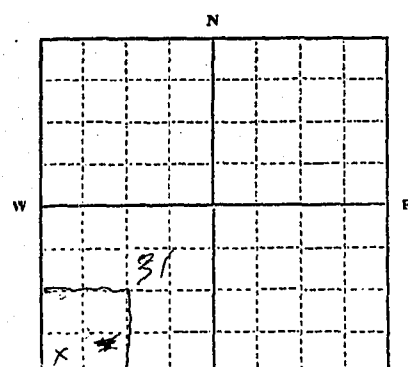
7. Estimate amount of water used each year Unknown

8. Months of year spring flows year round

Signature of Owner Charley F. Hughes

Date _____

55881



Latitude 43° 28' 30\"

Longitude 108° 31' 30\"

1/4 Sec. 31

15

T. 15 N R. 10 E

W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated _____

88704

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

CHARLEY F. HUGHES

RECEIVED
POWELL COUNTY, MONTANA

June 29th 19 73

at _____ minutes past 4:50 o'clock
P.M.

Barbara J. Miller
Clerk and Recorder

By *EL*
Asst. Deputy

Fee \$ 2.00

RECEIVED

JUL 8 1973

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

MONTANA WATER RESOURCES BOARD

County Powell

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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.

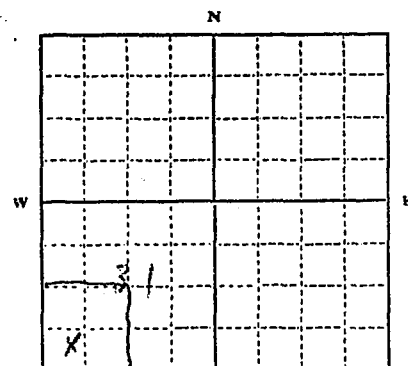
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 88203

1-29-73

GW 1 1:49 p.m.



Lot 2 34 N

East 1/2 SW 1/4 Sec. 31

T. 15 N. R. 10 E. S. W.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated

4600 ft.

Owner Charley F Hughes

Address Ovando MT. 59854

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

developed spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

Pump

3. Depth of water table

Surface

4. Use of the water

House hold

5. Amount of groundwater claimed (in miner's inches or gallons per minute)

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

Unknown

8. Months of year spring flows

Mostly year around

Signature of Owner

Charley F. Hughes

Date

March 8 1973

55880

88703

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

CHARLEY F. HUGHES

RECEIVED
POWELL COUNTY, MONTANA

June 29th 19 73

at _____ minutes past 4:49 o'clock

P.M.

Bennie J. Miller
Clerk and Recorder

By _____
Asst. Deputy

Fee \$ 2.00

GROUNDWATER INDEX

Page 7 of 7

County Powell Twp. 14 N Rge. 12 W

[illegible]

GW3

File No.

DUPLICATE

T. 14 R. 12County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 3 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Mar. 1, 1964

Owner Geary Bros. Inc. Address Helmville

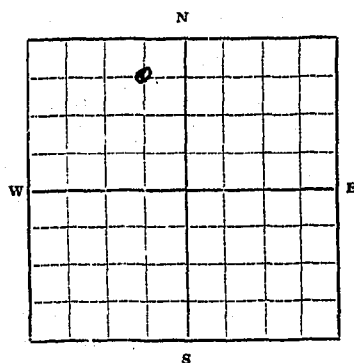
Contractor (if any) None

Address of Contractor None

Date Started Unknown Date Completed Unknown

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

Source of water unknown.



N. W. 1/4 Sec. 4 T. 14 R. 12
Indicate point of appropriation and place of use, if possible.

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

Spring flows approximately 50 inches of water. Used 6 months yearly for stock water.

Signature of Owner Geary Bros. Inc.

Date Mar. 1, 1964

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

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

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

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

73618

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

GEARY BRCS. INC.

RECEIVED
POWELL COUNTY, MONTANA

April 1st, 19 64
at _____ minutes past 9:30 o'clock
A. M.

✓ Daniel B. Herta, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 14 R. 12

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

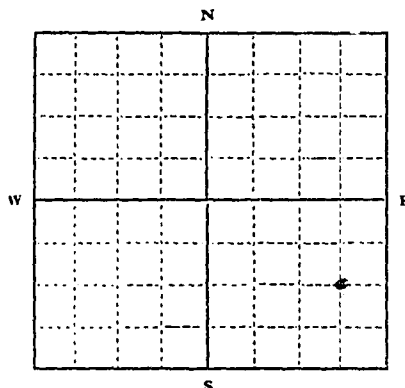
RECEIVED
APR 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Geary Bros. Inc., of Helmsville
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 22 T. 14 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 Home and stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 Continuous use
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 None
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 1948
8. The depth of water table 25' Estn.
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 30 ft dug well
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 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

Geary Bros. Inc. W.Y.
Date Mar. 1, 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.

73613

DECLARATION OF VESTED GROUND-
WATER RIGHTS

GEARY BROS. INC.

RECEIVED
POWELL COUNTY, MONTANA

April 1st, 19 64
at _____ minutes past 9:25 o'clock
A.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

DUPLICATE

T. 14 R. 12County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

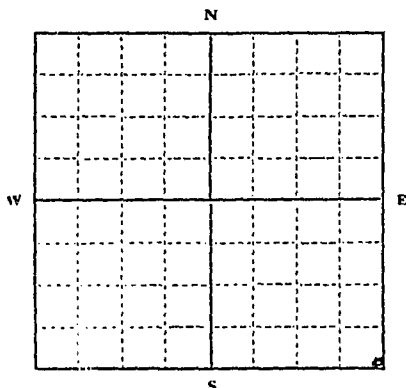
RECEIVED
APR 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Geary Bros. Inc., of Helmsville
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 24 T. 14 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 Not used at present
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Unknown. Once used for stock water and school.
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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
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 Dug well, estimated 5 ft.
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
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 Geary Bros. Inc. 20.4Date Mar. 1, 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.

35538

73614

DECLARATION OF VESTED GROUND-
WATER RIGHTS

GEARY BROS. INC.

RECEIVED
POWELL COUNTY, MONTANA

April 1st, 1964
at _____ minutes past 9:26 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 14 R. 12 26

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

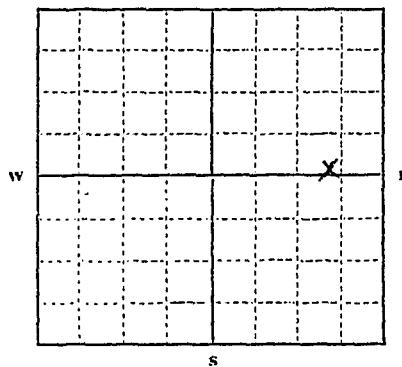
RECEIVED

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NE 1/4 Sec. 26 T. 14 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.....

Stock water

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

1921 (continuous)

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

350 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.....

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

by pump with gasoline pump

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

not known

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

approx. 100 ft

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

six inch casing

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

105,000 Gallons

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

not known

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

not known

Signature of Owner

Date Feb 2, 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.

38940

75036

DECLARATION OF VESTED GROUND-
WATER RIGHTS

NEWMAN RAYMOND

RECEIVED
POWELL COUNTY, MONTANA

February 4th, 1965
at _____ minutes past 3:50 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

File No.

T. 13 R. 11

DUPLICATE

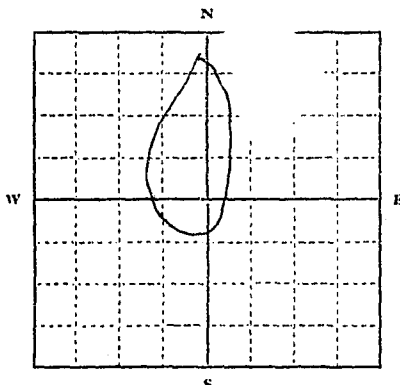
County Power

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 3 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1883Owner Heary Bros. Inc. Address HelmsvilleContractor (if any) NoneAddress of Contractor NoneDate Started 1883 Date Completed 1883

..... $\frac{1}{4}$ Sec. 27 T. 14 R. 12
Indicate point of appropriation
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable sub-irrigation, springs and ditching. Water rises and drained in sec. 27. used in secs 27 and 22

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 200 inches
filed 1883. Book 1, Transcribed water rights Page 140. Used continuously for stock water. 5 Mo. apply for irrigation.

Signature of Owner Heary Bros. Inc. w. &Date Mar. 1, 1964

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

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

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

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

73619

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION WITHOUT WELL

GEARY BROS. INC.

RECEIVED
POWELL COUNTY, MONTANA

April 1st, 19 64
at _____ minutes past 9:31 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

DUPLICATE

T. 14 R. 12 28

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

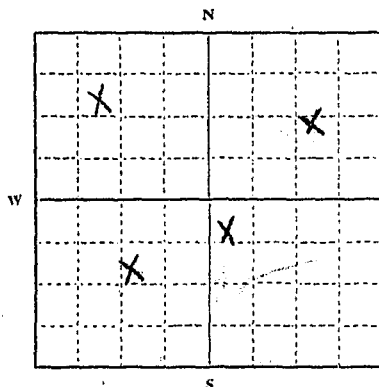
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1918Owner N. Raymond Address HelmsvilleContractor (if any) None

Address of Contractor

Date Started 1918 Date Completed 1918

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



..... 1/4 Sec. 28 T. 14 R. 12
Indicate point of appropriation
and place of use, if possible.

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

estimate approximate lengths of periods of use. This

water runs continuously
and is used for irrigation
and stock & domestic
use

Signature of Owner Newman RaymondDate Feb 4 1965

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.

38941

75037

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

NEWMAN RAYMOND

RECEIVED
POWELL COUNTY, MONTANA
February 4th, 1965
at _____ minutes past 3:55 o'clock
P. M.
Daniel B. Hertz, Jr.
Clerk and Recorder
By _____ Deputy
Fee \$2.00 Paid

75037

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

NEWMAN RAYMOND

RECEIVED
POWELL COUNTY, MONTANA

February 4th, 1965
at _____ minutes past 3:55 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

GW3

File No.

DUPLICATE

T. 4^N 12^R 33
County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

10 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 Sept 28, 1926

Owner Wales Bros. Address Helmville

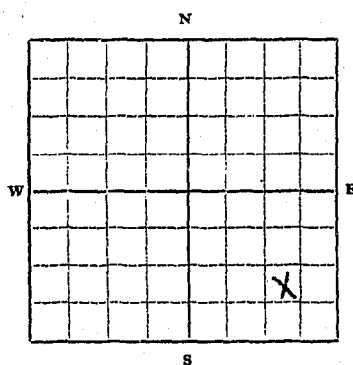
Contractor (if any)

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 processes



1/4 Sec. 33 T. 14 R. 12
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

Stock water only

Estimate approximately 300 gal. per hr

Signature of Owner Wales Brothers
M. A. Wales, Sec.
Date Dec 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.

24842-

72992

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

WALES BROS.

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 1:03 o'clock
P.M.
Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid

GW3

File No.

DUPLICATE

T. 14 N. R. 12

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 Sept. 28, 1926

Owner Wales Bros. Address Helmville

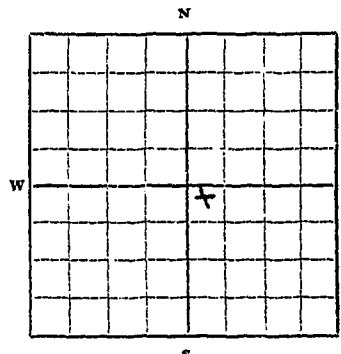
Contractor (if any)

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 processes



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

Stack water

approximately 2 mo

per year

..... 1/4 Sec. 34 T. 14 N. R. 12
Indicate point of appropriation and place of use, if possible.

Signature of Owner Wales Brothers
M. A. Wales, Sec.
Date Dec. 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.

24844

72994

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

WALES BROS.

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 1963
at _____ minutes past 1:05 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 14 R. 12 West

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

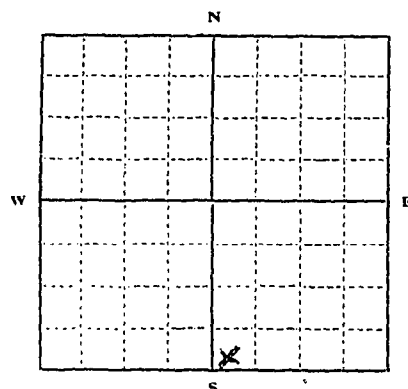
RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William & Helen Petersen, of Helmsville
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 36 T. 14 R. 12 West

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

2. The beneficial use on which the claim is based for
stock water + domestic use
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been has been used more
or less continuously since 1920
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Used to water garden + yard of about
10 acres of Wm. + Helen Petersen
residence
6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal by electric
pump in the yard of the
residence
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater not known
8. The depth of water table 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater a drilled well 190 feet deep
with a 6 inch steel casing
10. The estimated amount of groundwater withdrawn each year 1,600,000 gallons
11. The log of formations encountered in the drilling of each well if available There is no
log - presume it is clay + soil all the
way down
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 William Petersen
Helen PetersenDate Dec. 10, 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.

8949

72825

DECLARATION OF VESTED GROUND-
WATER RIGHTS

WILLIAM PETERSEN, ET UX

RECEIVED
POWELL COUNTY, MONTANA

December 11th, 19 63
at _____ minutes past 9:30 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

GROUNDWATER INDEX

Page 1 of 1

County Powell

Twp. 1477

Rge. 116

[illegible]

GW:

Approved Stock Form—State Publishing Co., Helena, Montana—42.

File No.

DUPLICATE

DEPARTMENT OF AGRICULTURE
 MINERAL RESOURCES AND CONSERVATION
 DIVISION OF MINERAL RESOURCES

T. 14 R. 11
 County Powell

LOG

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

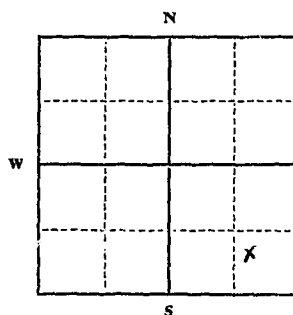
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Irene Weaver Address Ovando, Montana
 Driller Charles Oxford Address
 Date of Notice of appropriation of groundwater June 27, 1973
 Date well started Nov., 1948 Date completed Nov., 1948
 Type of well Dug Equipment used Shovel
 (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)
16"		20'				



Static Water Level for non-flowing well
 4 feet.

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

Pumping Water Level.....feet
 at 150 gal. per minute.

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

How Tested.....

Length of Test.....

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

SW 1/4 Sec. 2 T. 14 R. 11
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continued 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.

Irene Weaver
 Appropriator

unknown
 Driller's License Number

Deceased
 Driller's Signature

54454

88522

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

IRENE WEAVER

RECEIVED
POWELL COUNTY, MONTANA

June 28th 19 73

at minutes past 10:10 o'clock

A.M.

Bonnie J. Miller

Clerk and Recorder.

By

Asst.

LP
Deputy

Fee \$ 2.00

File No. _____

T. 14 N R. 11 W

DUPLICATE

County Powell

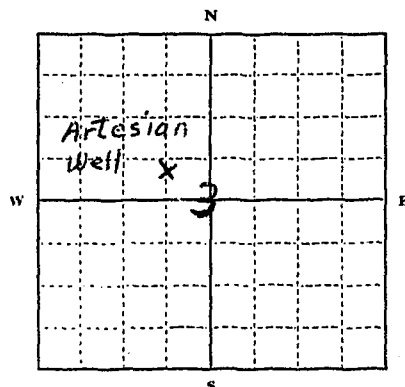
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 19 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Eva C. M. Cormick, of Box 51 Helmvilla
(Name of Appropriator) (Address) (Town)
County of Powell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW $\frac{1}{4}$ Sec. 3 T14 N R. 11 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 Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938
Continuous
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
no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian flowing well
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
8. The depth of water table 160 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6 in casing 160 feet
10. The estimated amount of groundwater withdrawn each year flows continuously
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner

Eva C. M. Cormick

Date

Dec. 30, 1963

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

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

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

31442

73162

DECLARATION OF VESTED GROUND-
WATER RIGHTS

EVA C. McCORMICK

RECEIVED
POWELL COUNTY, MONTANA

January 9th, 1964
at _____ minutes past 11:20 o'clock
A.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

T. 14 R. 11

County Powell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
SEP 10 1958

WATER WELL LOG

STATE ENGINEER

Owner Annie M. Fleming Address Butte, Mont
Driller Bob Hudson Address Juran Lake
Date Started July 25 Date Completed Aug 1, 1958
Location: Sec 6 T. 14 R. 11 $\frac{1}{4}$ sec. S.E.

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

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

Casing: 0 ft. to 86 ft. Type DLR Size 6 1/2

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

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

Perforated or Screened: Ft. none to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations none

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level 37 feet at 8 gal. per min.

How tested: Bailer

Length of test 2 hours

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

none

(over)

[illegible][illegible]