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File No.

T. 10N R. 11W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

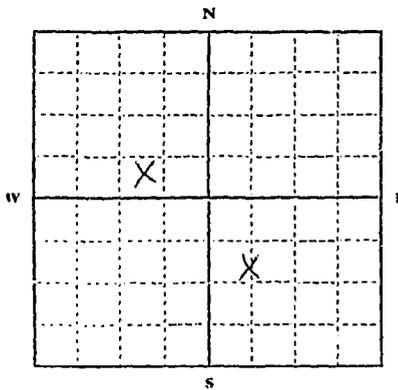
RECEIVED
JAN 20 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. G. R. and Leah Christensen, of 321 S. 4th W., Missoula
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 22 T10N R.11W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
May 1, 1959 and continuous use thereafter

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

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...
Livestock watering

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
Driven Wells - metal casings

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
May 1, 1959 - completion date

8. The depth of water table...
Approximately 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...
2. Driven wells with metal casings, 55 feet deep

10. The estimated amount of groundwater withdrawn each year...
Approximately 30 million gallons

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

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: G. R. Christensen

Date: December 31, 1963

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

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

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

27120

73108

DECLARATION OF VESTED GROUND-
WATER RIGHTS

G. R. CHRISTENSEN, ET UX

RECEIVED
POWELL COUNTY, MONTANA

January 3rd, 19 64
at _____ minutes past 4:26 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____

Deputy

Fee \$ 2.00 Paid

File No.

STATE WATER CONSERVATION BOARD

T. 10 R. 11W

DUPLICATE

JUL 5 1967

County. Powell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)
0-7 top soil
7-30 gravel & boulders
30-35 clay & gravel
35-39 sand & gravel

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Margaret M. Wallace and Drummond, Montana

Owner William H. Wallace, Address Lens, Montana

as Joint Tenants with right of Survivorship and not as Tenants in Common

Driller Okiefa Drilling Co., Address Butte, Montana

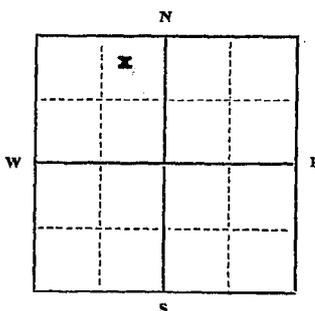
Date of Notice of appropriation of groundwater.....

Date well started May 31, 1967 Date completed June 2, 1967

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" 1.0. 17 lb.	0	39	torch	3/4	37

NE 1/4 of NW 1/4
Section 30

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

home place

Static Water Level for non-flowing well
4 ft. feet.

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

Pumping Water Level 30 feet
at 25 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).....

(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

Driller's Signature

42,113

78970

RECEIVED
POWELL COUNTY, MONTANA

June 30th 1967

at _____ minutes past 3:10 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____ Deputy

Fee \$ _____

File No.

JUL 5 1957

T. 10 R. 11W

DUPLICATE

Bill.

County. Powell

Birth.

STATE OF MONTANA

Date.

ADMINISTRATOR OF GROUNDWATER CODE

District.

OFFICE OF STATE ENGINEER

LOG

Top of Ground

10

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

0-5 top soil

5-25 gravel & boulders

20

35-40 clay

4-58 clay or shale (water)

30

40

50

58

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Margaret M. Wallace and Drummond, Montana

Owners: Margaret M. Wallace Address: Jena, Montana

as Joint Tenants with right of Survivorship and not as Tenants in Common

Driller: E. J. ... Address: ...

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

Date well started June 2, 1967 Date completed June 5, 1967

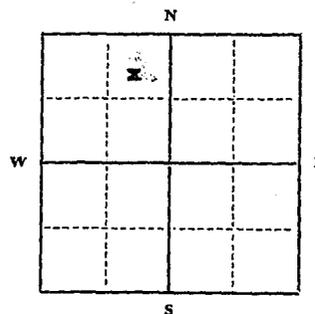
Type of well dug, driven, bored or drilled Equipment used Charn drill, rotary or other

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.	0	58	torch	53	56

NE $\frac{1}{4}$ of NW $\frac{1}{4}$
Section 30



Static Water Level for non-flowing well

7 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: bauer

Length of Test: 2 hrs.

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

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

2nd. place

(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

Driller's Signature

42, 112

78969

**RECEIVED
POWELL COUNTY, MONTANA**

June 30th 19 67

at _____ minutes past 3:05 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____ Deputy

Fee \$ _____

File No. _____ WATER CONSERVATION BOARD _____ 19 _____ R 11W
 DUPLICATE JUL 5 1967 County Prewell

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

Top of Ground
 (Elev. above sea level _____)
 10 0-3 top soil
 8-17 clay & gravel
 19 17-19 gravel & sand (water)

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

(Under Chapter 237, Montana Session Laws, 1961)

Margaret M. Wallace and Drummond, Montana
 Owner William Wallace Address Jens, Montana
 as Joint Tenants with right of Survivorship and not as Tenants in Common
 Drilled by Seafa Drilling Co. Address Butte, Montana

Date of Notice of appropriation of groundwater _____

Date well started June 5, 1967 Date completed June 6, 1967

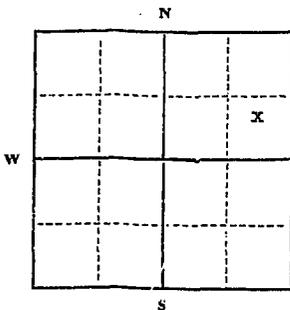
Type of well drilled Equipment used churn drill
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

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" J.P. 17 lb.	0	19	torch	14	17

Se $\frac{1}{4}$ of NE $\frac{1}{4}$
 Section 30



Static Water Level for non-flowing well _____ 7' _____ feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested _____ baler _____

Length of Test _____ 1 hr. _____

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

_____ $\frac{1}{4}$ Sec. _____ T. _____ R. _____
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Log House _____
 _____ (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.

_____ #6
 Driller's License Number

 Driller's Signature.

42, 111

78968

RECEIVED
SPOWELL COUNTY, MONTANA

June 30th 19 67

minutes past 3:00 o'clock

P. M.

Elfa McDonough
Clerk and Recorder

By _____ Deputy

Fee \$ _____

73020

DECLARATION OF VESTED GROUND-
WATER RIGHTS

JOHN HOLLENBACK

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 2:38 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

236

File No.

D. 11/1
County Powell

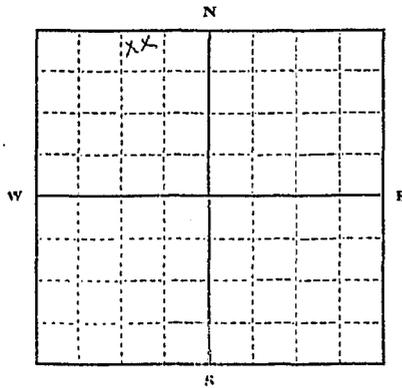
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964
STATE ENGINEER

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

1. David Hogan, of Gold Creek
(Name of Appropriator) (Address) (Town)
County of Powell State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



VW $\frac{1}{4}$ 30 10 10
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based. cattle and irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1870
- 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. 5 acres + down
- 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. 1870
- 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. 2 1/2 ft. dia. 8 in. 6.9 ft
- 10. The estimated amount of groundwater withdrawn each year. 1,000,000
- 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.

Signature of Owner David Hogan
Date Dec 31, 1963

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

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

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

29319

73021

DECLARATION OF VESTED GROUND-
WATER RIGHTS

DAVID HOGAN

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 3:00 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. R.

DUPLICATE

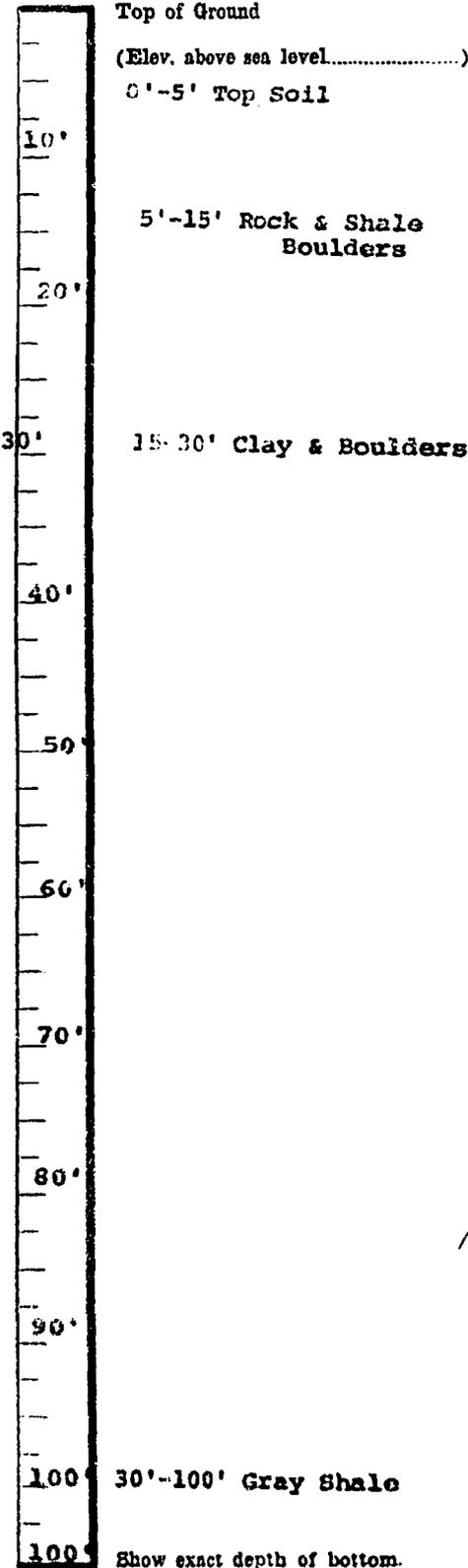
County Powell

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 Gold Creek School Address Gold Creek

Driller O'Keefe Drilling Co Address Butte, Mont.

Date of Notice of appropriation of groundwater July 23, 1968

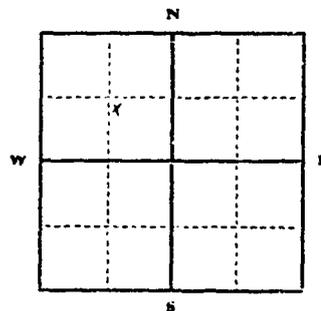
Date well started July 12, 1968 Date completed July 12, 1968

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"	50' of 6" 60'-5"	0'	100'	Cutting Torch	47-52	95-100



Static Water Level for non-flowing well 10' feet.

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

Pumping Water Level 20' feet
at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test Pump

Length of Test 10 Hrs.

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

V.M.A. Sec 34 T. 26 R. 11
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).

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

Edna O'Keefe
Driller's Signature

14 26.0

80847

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

GOLD CREEK SCHOOL DISTRICT NO. 33

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 12 1968

RECEIVED
POWELL COUNTY, MONTANA

September 10th 1968

at _____ minutes past 1:30 o'clock

P. M.

Elfa McDonough

Clerk and Recorder

By _____
Deputy

Fee \$ _____

File No.

T 10 N R 10 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MONTANA PHOSPHATE PRODUCTS COMPANY, of Garrison
(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:

			X		

NE 1/4 of the
SE 1/4 of Sec. 3 T. 10. R. 10

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

2. The beneficial use on which the claim is based... Domestic and industrial
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1937 (est.)
continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... intermittent - 0 to 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Developed spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... estimate 1937
8. The depth of water table... not applicable
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... concrete box
10. The estimated amount of groundwater withdrawn each year... 1 million gallons
11. The log of formations encountered in the drilling of each well if available... not applicable
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

MONTANA PHOSPHATE PRODUCTS COMPANY

Signature of Owner By: *Clutson*
Superintendent of Mines
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.

37174

73069

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 5:02 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$2.00 Paid

File No.

T. 10 N R. 10 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MONTANA PHOSPHATE PRODUCTS COMPANY, of Garrison
(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 $\frac{1}{4}$ of the SW $\frac{1}{4}$ of
the
NE $\frac{1}{4}$ of Sec. 10 T. 10 R. 10

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.....
Domestic and industrial
- Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been..... 1942 - intermittent
- The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 0 to 5 g.p.m.
- 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
- The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
free flowing from drill hole
- The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... 1942
- The depth of water table..... Surface at 5094 ft. above sea level
- 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..... Diamond drilled, 24 inch, 1025 ft. - uncased
- The estimated amount of groundwater withdrawn each year..... 2.5 million gallons
- The log of formations encountered in the drilling of each well if available..... not available
- 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

MONTANA PHOSPHATE PRODUCTS CO.

Signature of Owner By: C. W. Nason
Superintendent of MinesDate 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.

33238

73067

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 5:00 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T. 10 N R. 10 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

10
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MONTANA PHOSPHATE PRODUCTS COMPANY, of Garrison
(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:

			X		

SW 1/4 of the
NE 1/4 of Sec. 10, T. 10, R. 10.

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 Domestic and Industrial
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 - intermittent
- The amount of groundwater claimed (in miner's inches or gallons per minute) 2 to 7 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Developed spring
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946
- The depth of water table not applicable
- 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 concrete box
- The estimated amount of groundwater withdrawn each year 2.5 million gallons
- The log of formations encountered in the drilling of each well if available not applicable
- 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

MONTANA PHOSPHATE PRODUCTS COMPANY

Signature of Owner. By: C. W. Noon
Superintendent of MinesDate 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.

33237

73066

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:59 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

2.00 Paid

File No.

T. 10N R. 10W

DUPLICATE

County Powell

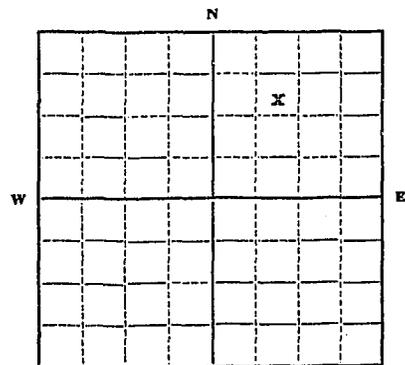
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. MONTANA PHOSPHATE PRODUCTS COMPANY, of Garrison
(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:



SW¹/₄ of the NW¹/₄ of the
NE ¹/₄ of Sec. 10 T. 10 R. 10

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

2. The beneficial use on which the claim is based.....
industrial
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. shaft started Sept. 1946. finished 1947, deepened 1954. Continuous use since 1947.
4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 600 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pumping up mine shaft

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... shaft started Sept. 1946, finished 1947, deepened 1954
8. The depth of water table..... now held at 4540 feet above sea 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..... mine shaft - 6 inch pipe, 600 ft. lift
10. The estimated amount of groundwater withdrawn each year..... 325 million gallons
11. The log of formations encountered in the drilling of each well if available..... not applicable
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

MONTANA PHOSPHATE PRODUCTS CO.

Signature of Owner. By: C. W. Mason
Superintendent of Mines
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.

73068

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63

at _____ minutes past 5:01 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

Depute

Fee \$2.00 Paid

GW

File No.

DUPLICATE

T. 10th R. 10th S. 14

County Forsyth

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

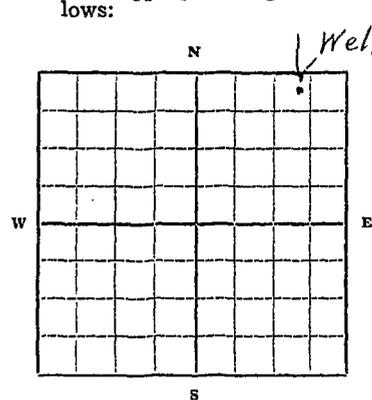
RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dorothy Pelusa, of GARHSTON
(Name of Appropriator) (Address) (Town)
County of Forsyth State of Montana

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



S.E. 1/4 Sec. 14 T. 10th R. 10th W. M.P.M.

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 - Garden - Lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOV 1-61

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7.5 Gal. Per Min. or One (1) Miner's Inch

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N.W. 1/4 N.E. 1/4 S.E. 1/4 Sec. 14 T. 10 N. R. 10 W. M.P.M.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOV 1-1961

8. The depth of water table 20 FT to 45 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 - 6" casing - 6.5'

10. The estimated amount of groundwater withdrawn each year 250,000 gal. per year

11. The log of formations encountered in the drilling of each well if available 15' Sediment d.i.r.t. 34-50' shale

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

Signature of Owner Dorothy Pelusa
Date NOV 15-61

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.

71156

DECLARATION OF VESTED GROUNDWATER RIGHTS

DCROTHY RELYEA

RECEIVED
POWELL COUNTY, MONTANA

November 15th, 19 62

at _____ minutes past 3:45 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

fee \$2.00 Paid

File No.

T. 10 N R. 10 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 16 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Montana Phosphate

Owner Products Company Address Garrison, Montana

Driller Emmett O'Keefe Address Deer Lodge, Montana

Date of Notice of Appropriation of Groundwater Apr. 22, 1963

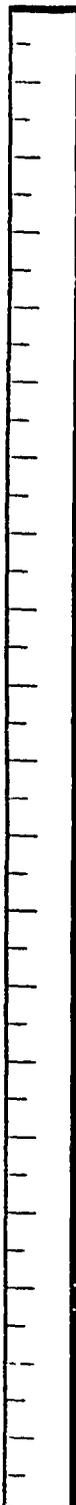
Date well started Apr. 22/63 Date Completed Apr. 22/63

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

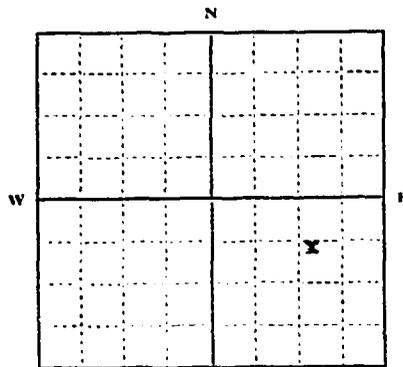
Water Use: Domestic Municipal C Irrigation
Industrial Drainage S.

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"	steel casing	0	28			



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



SW 1/4 of the NE 1/4
SE 1/4 of Sec. 21 T. 10 R. 10
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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

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

Pumping Water Level.....feet at.....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).....

This well never pumped; estimated by driller to provide 3 to 4 gallons per minute

Show exact depth of bottom.

Driller did not furnish notice, therefore prepared by owner from records.

Driller's License Number
MONTANA PHOSPHATE PRODUCTS COMPANY
By *C. W. [Signature]*
Superintendent of Mines.

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.

73062

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION BY MEANS OF WELL

MONTANA PHOSPHATE PRODUCTS COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:55 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

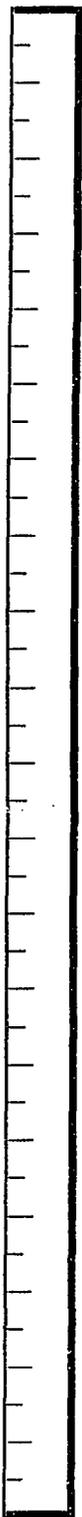
File No.

T. 10 N. R. 10 W

DUPLICATE

County. Powell

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER 16 1964



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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)
 Montana Phosphate

Owner Products Company Address Garrison, Montana

Driller Emmett O'Keefe Address Deer Lodge, Montana

Date of Notice of Appropriation of Groundwater Apr. 22, 1963

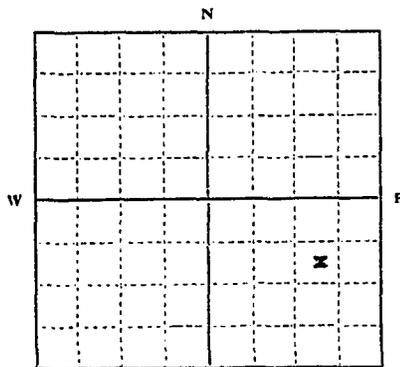
Date well started Apr. 22/63 Date Completed Apr. 22/63

Type of well drilled Equipment Used churn (cable)
 (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"	steel casing	0	42			



SW 1/4 of the NE 1/4
 SE 1/4 of Sec. 21 T. 10 R. 10
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller did not furnish notice, therefore prepared by owner from records.

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

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

Pumping Water Level.....feet at.....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).....

This well never pumped; estimated by driller to provide 3 to 4 gallons per minute.

Driller's License Number
 MONTANA PHOSPHATE PRODUCTS COMPANY
 By C. W. Mason
 Deputy Superintendent
 Superintendent of Mines.

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.

73063

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION BY MEANS OF WELL

MONTANA PHOSPHATE PRODUCTS COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:56 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

73065

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:58 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

73064

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63

at _____ minutes past 4:57 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T 10N R 10W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Montana Phosphate Products Company, of Garrison
(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:

	X				

NE 1/4 NW 1/4 Sec 22 T10N R10W.

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 Industrial

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Pump and sump installation - completed in 1960

8. The depth of water table 4660 above sea 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.

Underground channel - withdrawal by means of a pump

10. The estimated amount of groundwater withdrawn each year 400 million gals.

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

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 other records

MONTANA PHOSPHATE PRODUCTS COMPANY
Signature of Owner By C. W. Mason
Superintendent of Mines.
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.

33230

73059

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 1963
at _____ minutes past 4:52 o'clock
P. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.....

T. 10N R. 9W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

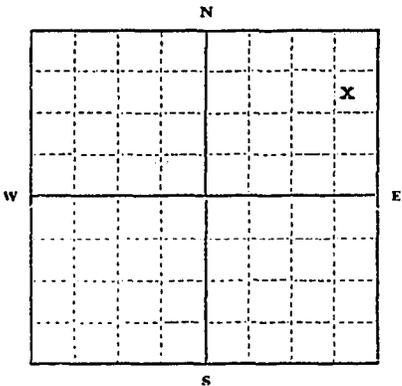
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Montana Phosphate Products Company, of Garrison
(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:



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

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been.....
1952 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons
per minute).....
intermittent - 0 to 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
Not applicable

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

SE 1/4 NE 1/4 Sec. 9 T. 10N R. 9W

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.....
Pump

8. The depth of water table.....
Near 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.....
Timbered box - withdrawal by means of a pump

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

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

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

MONTANA PHOSPHATE PRODUCTS COMPANY

Signature of Owner By C. W. Noon
Superintendent of Mines
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.

73060

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:53 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

File No.

T.10N. R.9W.

DUPLICATE

County Powell

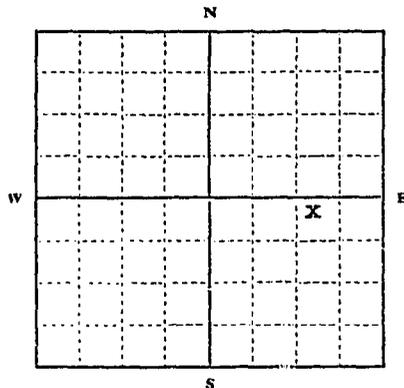
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Montana Phosphate Products Company, Garrison
 (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 1/4 NE 1/4 SE 1/4 Sec 15 T.10N. R.9W.

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 Industrial use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Intermittent - 5 to 10 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 Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Free flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1936
8. The depth of water table Surface at approximately 5750 feet above sea 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 Concrete box
10. The estimated amount of groundwater withdrawn each year 3 million gallons
11. The log of formations encountered in the drilling of each well if available Not applicable.
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 records

MONTANA PHOSPHATE PRODUCTS COMPANY
 Signature of Owner By: C.W. Mason
 Superintendent of Mines
 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.

73061

DECLARATION OF VESTED GROUND-
WATER RIGHTS

MONTANA PHOSPHATE PRODUCTS
COMPANY

RECEIVED
POWELL COUNTY, MONTANA

December 31st, 19 63
at _____ minutes past 4:54 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____
Deputy

Fee \$ 2.00 Paid

88123

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

COMINCO AMERICAN, INC.

RECEIVED
POWELL COUNTY, MONTANA

April 20th 19 73

at _____ o'clock

Bennie J. Miller
Clerk and Recorder

BY _____
Asst. Deputy

Fee \$ 2.00

88493

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

COMINCO AMERICAN

RECEIVED
POWELL COUNTY, MONTANA

June 25th 1973

at _____ minutes past 11:00 o'clock

A.M.

Russie J. Miller
Clerk and Recorder

By *E.R.*
Asst. Deputy

Fee \$ 2.00

22

File No.

T 10 N R 9 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 4 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner *P. M. Martin* Address *Sanford*

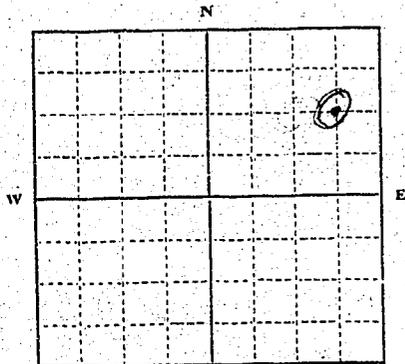
Contractor (if any)

Address of Contractor *self*

Date Started *1940* Date Completed *1940*

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *3 ft*

surface



Sec 22 T 10 R 9

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. *5 months*

Watering Cattle

Signature of Owner *Peter Martin*

Date *Feb 27 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.

35052

73481

NOTICE OF COMPLETION OF GROUND-
WATER APPROPRIATION WITHOUT WELL

PETER MARTINZ

RECEIVED
POWELL COUNTY, MONTANA

March 2nd, 19 64
at _____ minutes past 10:20 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

8346

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

WILLIAM GRAVELEY

RECEIVED
POWELL COUNTY, MONTANA

June 1st 1973

At _____ minutes past 2.00 o'clock

P. M.

Bonnie J. Miller
Clerk and Recorder

By *[Signature]*
Asst. Deputy

Fee \$ 2.00

File No.

T. 10 N R. 8 W

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. S. P. Murray, of Arvon
(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based

Domestic house & garden

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

S.W. well 10 May 1953
N.W. well 10 June 1955

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

1953 1000 gal per day
1955 500 " "

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

See dom. & garden

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

Electrical pump

C&E 1/4 S.M. Sec. 9 T. 10 R. 8
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

May 10 - 1953
June 10 - 1955

8. The depth of water table

4.0 ft & 2.0 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

S.W. well 5" casing 83 ft
N.W. well 5" casing 35 ft

10. The estimated amount of groundwater withdrawn each year

547500

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

80 ft of clay 3 ft gravel
25 " " 10 " 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

See record

Signature of Owner S. P. Murray

Date Dec 18 - 1963

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

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

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

72965

DECLARATION OF VESTED GROUND-
WATER RIGHTS

D. P. MURRAY

RECEIVED
POWELL COUNTY, MONTANA

December 30th, 19 63
at _____ minutes past 1:50 o'clock
P.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

[Faint vertical text, possibly a stamp or signature, partially obscured by a dark vertical bar on the right edge of the page.]

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 Mrs. Kay Murray
Address Avon
Mont.
Date well started Sept 28 - 72
completed Sept 30 72

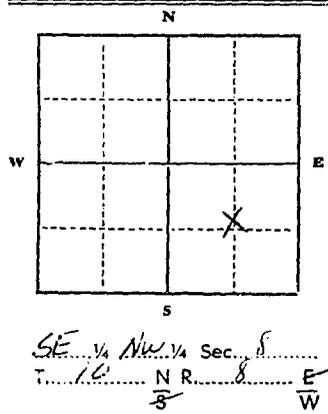
For Administrator's Use	
File	<u>88564</u>
	<u>629-73</u>
GW 1	<u>205 p.m.</u>

Type of well drilled
(Dug, driven, bored or drilled)
Equipment used Churn
(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 80,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1916	0	53	nine		



Static water level 23 ft.*
Pumping water level 40 ft.*
at 25 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by ball
for 2 hours.
Power elect. Pump 1 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 Wesley Lindsay
Driller's Address Clancy Montana
LICENSE NO. 38

RECEIVED 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	6	top soil
6	28	clay & gravel
28	39	clay
39	45	gravel & sand
45	49	sand & silt
49	53	gravel

5' 3" Show exact depth of bottom

04874

88564

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

RAY MURRAY

RECEIVED
POWELL COUNTY, MONTANA

June 29th 19 73

at _____ minutes past 2:05 o'clock

P. M.

Bennie J. Miller
Clerk and Recorder

By _____
Asst. Deputy

Fee \$ 2.00

File No. 1

T. 10 R. 8

DUPLICATE

County Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

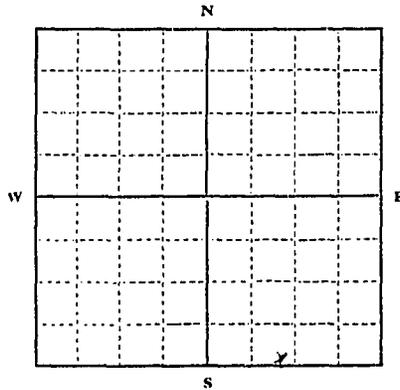
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dan M Eraveley, of Avon
(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:



SW 1/4 SE Sec. 7 T. 10 R. 8

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 hold garden & lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been drilled May 17, 1946 used continuously since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gals per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof used for sprinkling lawn approx. 40' x 60'
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric jet pump (deep well)

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater begin drilling May 15, 1946 finished May 17, 1946
- 8. The depth of water table about Ten 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 drilled to a depth of 29'
- 10. The estimated amount of groundwater withdrawn each year 3500 gals
- 11. The log of formations encountered in the drilling of each well if available From gravel to sand & 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

Signature of Owner Dan M Eraveley
Date Dec 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.

72930

DECLARATION OF VESTED GROUND-
WATER RIGHTS

DAN M. GRAVELEY

RECEIVED
POWELL COUNTY, MONTANA

December 27th, 1963
at _____ minutes past 10:35 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

72884

DECLARATION OF VESTED GROUND-
WATER RIGHTS

GEORGE V. DAVIS

RECEIVED
POWELL COUNTY, MONTANA

December 20th, 1963
at _____ minutes past 11:08 o'clock
_____ A.M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

RECORDED
INDEXED
DEC 20 1963

16

File No.....

T. 10 N. R. 8 W

DUPLICATE

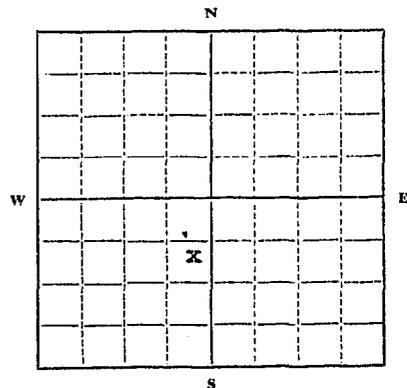
County... Powell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

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

1. George V. Davis of Avon
(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. 16 T. 10 N. R. 8 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 and watering stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1910 (approx.) in constant use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
15 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...
does not apply

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
electric pump, well located 20 ft. east of ranch residence

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1910 (approx. date)

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
hand dug, 10" tile casing to depth of 25 ft.

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

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

11845

72885

DECLARATION OF VESTED GROUND-
WATER RIGHTS

GEORGE V. DAVIS

RECEIVED
POWELL COUNTY, MONTANA

December 20th, 19 63
at _____ minutes past 11:09 o'clock
A. M.

Daniel B. Hertz, Jr.
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00 Paid

