

# 124 575

and this 4th day of

May 22 1972

at 10:35 o'clock a.m.

Margaret Monical  
County Clerk and Recorder

By \_\_\_\_\_

for 5<sup>00</sup> Deputy

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.

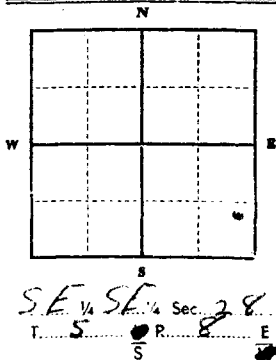
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Robert Potts  
Address Emigrant, Mont  
Date well started Feb. 1967  
completed \_\_\_\_\_  
Type of well drilled  
Equipment used cable tool  
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). \_\_\_\_\_

For Administrator's Use  
File 120160  
1.65  
February 4, 1967  
GW 1

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6"	0'	17'			



Static water level 6 ft.\*  
Pumping water level 40 ft.\*  
at 40 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping began.  
\*Measured from ground level.  
Well developed by P.A.P.C.  
for \_\_\_\_\_ 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 Robert Potts

Driller's Address \_\_\_\_\_

LICENSE NO. \_\_\_\_\_

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)	
1	9	To rolls
6		Foot static water level
18		Very coarse boulders
		heavily roll-bound
18	46	Sand and gravel
46	60	sticky blue shale
60	66	soft sandstone
66	68	blue shale

Show exact depth of bottom

48111

\* 120160

Filed this 4<sup>th</sup> day of

February A. D. 1927

1:45 o'clock P. M.

Margaret Monisel  
County Clerk and Recorder.

By J. W. J. J. Deputy

File No. ....

DUPLICATE

STATE WATER CONSERVATION BOARD

RECEIVED  
AUG 16 1965

T 58 R 8 E

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

REFERRED TO: .....

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: St. John's Episcopal Church Address: Edgmont, Montana

Driller: Donald G. Jones Address: Rosman, Montana

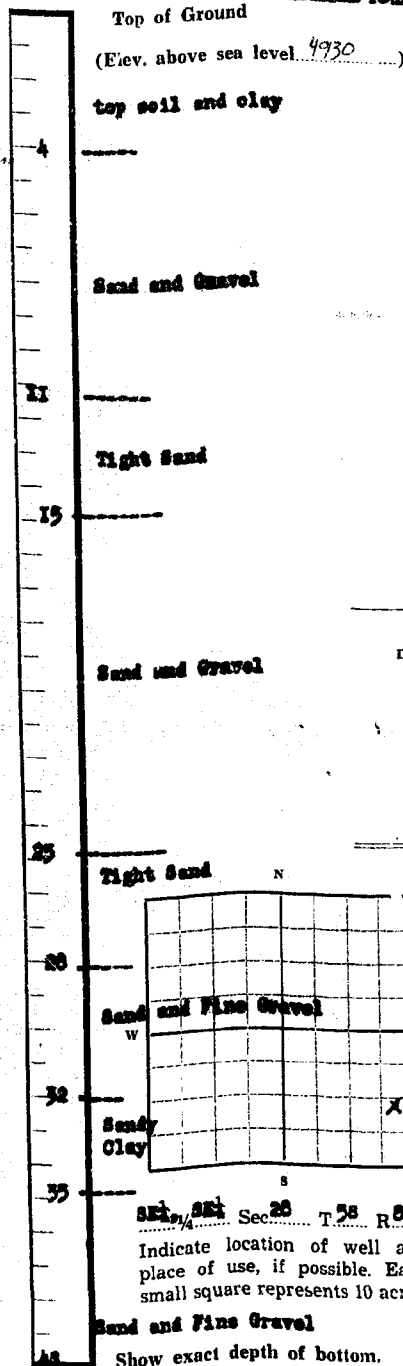
Date of Notice of Appropriation of Groundwater .....

Date well started March 8, 1965 Date Completed March 13, 1965

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)
	3/4" 17#			None		

Static Water Level for non-flowing Well 2' 8" feet

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

Pumping Water Level 40 feet at 35 gal. per minute.

Discharge in gal. per min. of flowing well 35

How Tested Pump Length of Test One Hour

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

acres irrigated, if used for irrigation)

SE 1/4, SE 1/4 Sec 26 T 58 R 8 E also located in Lot 22, Block 3, Edgmont townsite

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

Show exact depth of bottom.

17 Driller's License Number

Milton E. Jones  
Driller's Signature

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

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

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

39438

RECEIVED  
 OCT 21 1957  
 STATE ENGINEER

T. 5 South R. 8 East  
 County Park

MONTANA BUREAU OF MINES AND GEOLOGY  
 Butte, Montana

WATER WELL LOG


Owner Emigrant Community Hall Association Address Emigrant, Mont.  
 Driller Ray Claus Address Clyde Park, Mont.  
 Date Started April 16, 1957 Date Completed April 28, 1957  
 Location: Sec. 28 T. 5 South R. 8 East 1/4 sec. Southeast quarter 28

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: One (1) ft. to forty-three ft. Type Galvanized Size Five and a half inch

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: Forty-one (41) feet

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

Pumping water level: Twelve (12) feet at Sixteen (16) gal. per min.

How tested: Electric jet pump

Length of test: One Hour (1 hr.)

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

(over)



RECEIVED  
SEP 17 1957

T. 5 South R. 8 East, M.P.M.  
County Park

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Peter Vink Jr. Address Emigrant, Montana  
Driller Ray Claus Address Clyde Park, Montana  
Date Started May 5, 1957 Date Completed May 14, 1957  
Location: Sec. 28 T. 5 South R. 8 East 1/4 sec. Southeast Quarter

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: One (1 ft.) ft. to fifty-three ft. Type Half inch Steel Size Six inch  
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: Forty-eight (48 ft.) feet

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

Pumping water level: Fifteen to twenty feet at approx. fifteen gal. per min.

How tested: Electric Jet Pump

Length of test: One and a half hours

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

(over)





CW

File No. ....

DUPLICATE

T. 5 S. R. 8 E

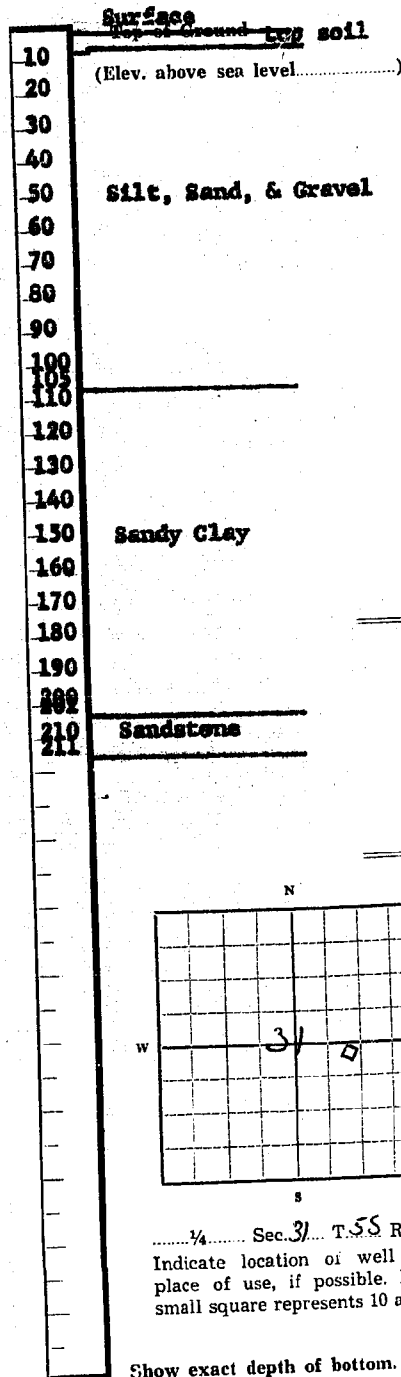
County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner: **Albert Ross Karnes & Montana Karnes** Address: **Park County, Montana**

Driller: **Donald C. Jones** Address: **Boseman, Montana**

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

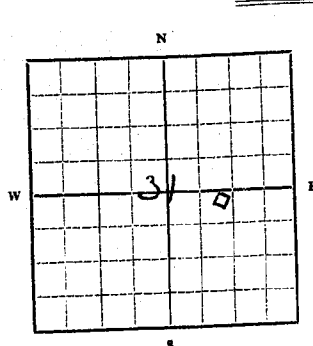
Date well started: **Sept. 7, 1962** Date Completed: **Oct. 9, 1962**

Type of well: **drilled** Equipment Used: **Churn**  
(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)
	5 5/8" O.D. 15#	5' above surface	20 1/2'		NONE	



1/4 Sec. 31 T. 5 S. R. 8 E.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well **92** feet.

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

Pumping Water Level **211** feet at **40** gal. per minute.

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

How Tested: **With Pump** Length of Test: **1 1/2 hours**

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

17  
Driller's License Number

*Donald C. Jones*  
Driller's Signature

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

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

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

2566

Doc. # 93758

Filed this 23<sup>rd</sup> day of

November A. D. 1962

at 3:45 o'clock P. M.

Margaret Tronicek  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

Jan 2<sup>nd</sup>

File No. \_\_\_\_\_

T. 5 S R 8 E  
County PARK

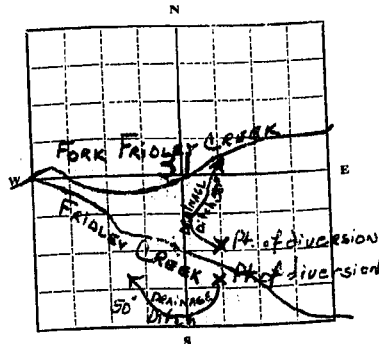
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 2 1963

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

1. WILLIAM A. KARNES, of EMIGRANT  
(Name of Appropriator) (Address) (Town)  
County of Park State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



W. A. KARNES  
1/4 Sec. 31, T5S, R8E

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 irrigation, stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Drain ditch completed in spring of '55; has been used continuously during irrigation season; rest of season for stock water.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100"
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. W. A. Karnes, owner; irrigates portions of SW 1/4 Sec. 31, T5S, R8E, & portions of NW 1/4 of Sec. 31, T5S, R8E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2 drain ditches, with a carrying capacity of 1500" each, located in the SW 1/4 of Sec. 31, T5S, R8E, as indicated by the (x's).
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. the drain ditches were started in 1954 and completed in the spring of 1955.
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. drain ditches carrying capacity is approx. 1500" the average depth being 4 to 5 feet deep and approximately 16 to 18 feet wide; said drain ditch was constructed from the place of seepage in a swamp through the land desired to be irrigated by the owner; said drain ditch has a natural flowage from the swamp.
10. The estimated amount of groundwater withdrawn each year. said drain ditch carries approx. 100" of water during April, May, June, July & August; the bal. yr. 40-50"
11. The log of formations encountered in the drilling of each well if available. N/A
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. N/A

Signature of Owner W. A. Karnes  
Date Apr 9, 1963

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

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

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

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ureau

4306

#95-324

Filed this 1st day of  
May A. D. 1963  
at 2:40 o'clock P. M.  
Margaret Monical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

See <sup>A</sup> 2<sup>nd</sup>

File No. ....

T. 55 R. 8E

DUPLICATE

County. Park

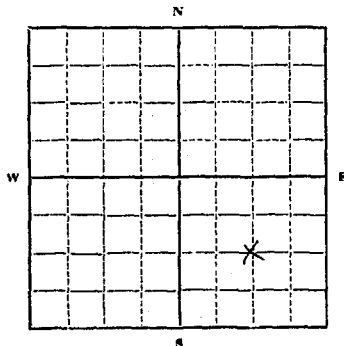
STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 JAN 3 1963  
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 Sec. 32, T. 55 R. 8E

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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since spring of 1959
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 NA
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a well located in the SE 1/4 of Sec. 32, T55, R8E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater drilling commenced April 17, 1959; completed April 24, 1959
8. The depth of water table 85 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater casing is from the top of ground, 86 feet deep, black steel casing, size 6 5/8 O. D. X 19 lbs.
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available gravel at 67 feet static water level of 4 feet
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 NA

Signature of Owner W. A. Karnes

Date 12-27-63

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

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

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

20703

# 98135

Filed this 31 day of  
Dec A. D. 1963  
at 10:30 o'clock a M.  
Margaret Ironical  
County Clerk and Recorder.  
By \_\_\_\_\_ Deputy.  
fee \$ 2.00

22

File No. \_\_\_\_\_

T. 55 R. SE

DUPLICATE

County Park

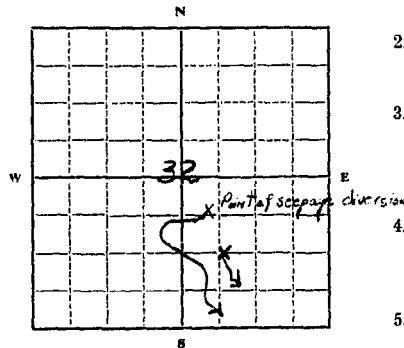
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 2 1963

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

1. WILLIAM A. KARNES of EMIGRANT, MONTANA  
(Name of Appropriator) (Address) (Town)

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



Approx. SE 1/4 Sec. 32 T. 55 R. SE

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. irrigation, stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Drain ditch completed in spring of '55; has been used continuously during irrigation season; rest of season for stock water.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100"

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 W. A. Karnes, owner; irrigates portions of SE 1/4 Sec. 32, T55, R8E, 6 portions of SW 1/4 of Sec. 32, T55, R8E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 2 drain ditches, with a carrying capacity of 1500" each, located in the SE 1/4 of Sec. 32, T55, R8E, as indicated by the (x's).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. the drain ditches were started in 1954 and completed in the spring of 1955.

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. drain ditches carrying capacity is approx. 1500" the average depth being 4 to 5 feet deep and approximately 16 to 18 feet wide; said drain ditch was constructed from the place of seepage in a swamp through the land desired to be irrigated by the owner; said drain ditch has a natural flowage from the swamp.

10. The estimated amount of groundwater withdrawn each year. said drain ditch carries approx. 100" of water during April, May, June, July & August; the bal. yr. 40-50"

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

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. N/A

Signature of Owner W A Karnes

Date April 7, 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.

4507

# 95325

Filed this 1st day of

May A. D. 1963

at        P. M.

Margaret Monical  
County Clerk and Recorder.

Deputy Jean Lee

See 3. 2. 20



GW 1

File No. ....

T. 55 R. 8 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

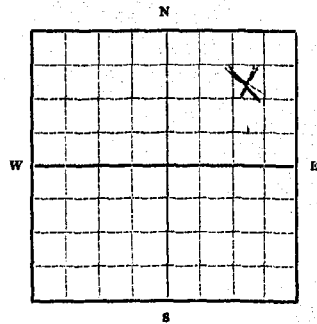
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

R JAN 2 1964

STATE ENGINEER

- I, James B. Murphy, of Franklin, Montana,  
(Name of Appropriator) (Address) (Town)  
County of Park, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is Domestic Use  
  
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 15 gallons per minute - no draw
- The annual period (inclusive dates) of intended use constant
- The probable or intended date of first beneficial use now
- The probable or intended date of commencement and completion of the well\* or wells\* completed
- The location, type, size and depth of well or wells contemplated drilled - 1" pipe - 6" casing - 227' deep
- The probable or estimated depth of the water table or artesian aquifer unknown
- Name, address and license number of the driller engaged License #1  
Van Dyke Drilling - 223 E. Main - Anaconda
- Give such other similar information as may be useful in carrying out the policy of this act.....



NE 1/4 Sec. 23 T. 55 R. 8 E  
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator James B. Murphy  
Date 12-30-1963

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

17982

GW 1

File No. ....

T. 55 R. 8 E

33

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

W JAN 2 1964

Notice of Appropriation of Groundwater  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, JAMES L. MURPHY, of EMERYANT, MONTANA  
(Name of Appropriator) (Address) (Town)  
County of PARK, State of MONTANA, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is DOMESTIC USE  
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 15 gallons per minute - no draw

4. The annual period (inclusive dates) of intended use constant

5. The probable or intended date of first beneficial use now

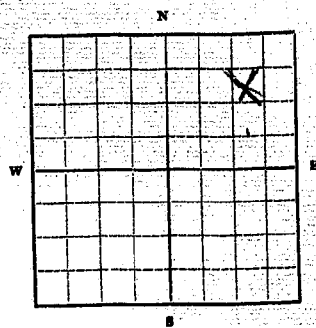
6. The probable or intended date of commencement and completion of the well\* or wells\* Completed

7. The location, type, size and depth of well or wells contemplated drilled - 1" pipe - 6' casing - 227' deep

8. The probable or estimated depth of the water table or artesian aquifer artesian

9. Name, address and license number of the driller engaged LIC. # 1  
VAN DYKEN PULLING - 233 EMERYANT, MONT.

10. Give such other similar information as may be useful in carrying out the policy of this act.



NE 1/4 Sec. 33 T. 55 R. 8 E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator: James L. Murphy  
Date: 12-31-1963

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

17982

# 98087

Filed this 30th day of  
December A. D. 1963  
at 3:48 o'clock P. M.  
Margaret Monice  
County Clerk and Recorder.  
Emma Bauer  
Deputy  
Fees \$2.00

File No. ....

T. R. S. T.

DUPLICATE

County **Park**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

FEB 6 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground  
(Elev. above sea level.....)
- 0' --- II' Gravels.
  - II' --- 80' Blue shales
  - 80' --- 95' Silty Clays.
  - 95' --- 150' Silty fine sands.
  - 150' --- 165' Clay.
  - 165' --- 185' Silty clays.  
(Water)
  - 185' --- 220' Hard fine sands.  
(water)
  - 220' --- 227' Coarser sands.  
(water)

Owner: **Jim Murphy** Address: **Immigrant, Mont.**

Driller: **Van Dyken drilling Co.** Address: **Bozeman, Mont.**

Date of Notice of Appropriation of Groundwater: **none**

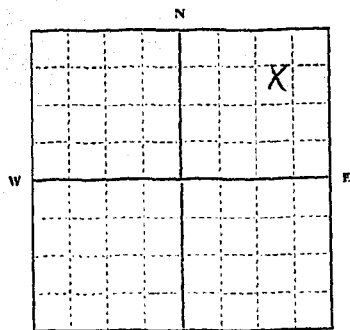
Date well started: **Dec. 14/63** Date Completed: **Dec. 23/63**

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D.	0'	2146	1/2" x 3" slots	152	213



NE 1/4 Sec. 35 T8 R 8 E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well: **none** feet.

Shut-in Pressure for Flowing Well: **T.D.H. 2'**

Pumping Water Level: **4'** feet at **15** gal. per minute.

Discharge in gal. per min. of flowing well: **7**

How Tested: **Bailer** Length of Test: **1 hr.**

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

License No. **I**

Driller's License Number

*Bert Van Dyken*  
Driller's Signature

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

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

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

#98667

filed this 5<sup>th</sup> day of

February A. D. 1966

at 3:00 o'clock P. M.

Margaret Monical  
County Clerk and Recorder.

for \$ 2.00 Deputy.

File No. ....

T. 5 S. R. 8 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Emigrant Hatchery

Declaration of Vested Groundwater Rights

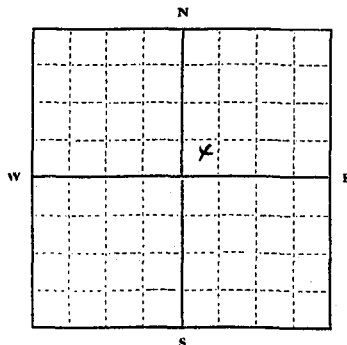
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 26 1963

STATE ENGINEER

I, **Montana Fish & Game Commission**, of **Helena**,  
(Name of Appropriator) (Address) (Town)

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



$\frac{N}{2}$   $\frac{W}{4}$  Sec. 34 T5S R8E

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...  
**irrigation & operation of fish hatchery**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... **Feb., 1930**

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

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 $\frac{1}{2}$  of Section 34, T. 5 S., R. 8 E.**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... **a small ditch conveying water from Anderson Creek to the fish hatchery**

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

8. The depth of water table... **N.A.**

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 lateral ditch conveying water from Anderson Creek to the fish hatchery grounds.**

10. The estimated amount of groundwater withdrawn each year... **20 miner's inches**

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

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

Signature of Owner

*George Miller Suft*  
Date **12-23-63**

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

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

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

Doc 199711

Filed ~~the~~ 23 ~~day of~~

Dec. A. D. 1963

at 12:05 o'clock P. M.

Margaret Monical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fee \$2<sup>00</sup>

File No. ....

T. .... R. ....

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1962Owner Geo. E. and Fern, Mine Address Peru

Contractor (if any) .....

Address of Contractor .....

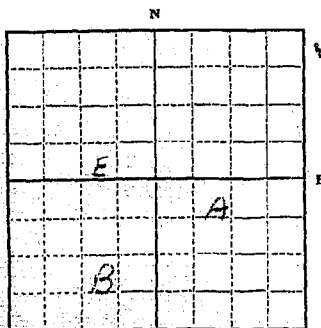
Date Started..... Date Completed.....

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

Surface spring water

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

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

A = 30 minutes inchesB = 60 minutes inchesE = 75 minutes inches.....<sup>1</sup>/<sub>4</sub>..... Sec. .... T. .... R. ....

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

A = NE <sup>1</sup>/<sub>4</sub> NW <sup>1</sup>/<sub>4</sub> SE <sup>1</sup>/<sub>4</sub>; Sec. 34 T55, R8EB = NW <sup>1</sup>/<sub>4</sub> SE <sup>1</sup>/<sub>4</sub> SW <sup>1</sup>/<sub>4</sub>; Sec. 34 T55, R8EE = NW <sup>1</sup>/<sub>4</sub> SE <sup>1</sup>/<sub>4</sub> NW <sup>1</sup>/<sub>4</sub>; Sec. 34 T55, R8ESignature of Owner George E. FergusonDate 12-17-63

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

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



34

File No. ....

T. S. R. 2 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1963

Notice of Completion of Groundwater Appropriation  
Without Well

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1962  
Geo. E. and Fern Mae  
Owner: Lefgren Address: Pray

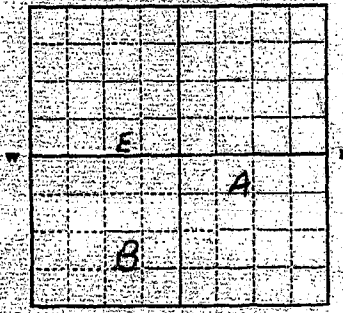
Contractor (if any) .....

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.

Surface spring water



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

A = 30 miner's inches

B = 60 miner's inches

E = 75 miner's inches

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

A = NW 1/4 NW 1/4 SE 1/4, Sec. 34, T55, R2E

B = NW 1/4 SE 1/4 SW 1/4, Sec. 34, T55, R2E

E = NW 1/4 SE 1/4 NW 1/4, Sec. 34, T55, R2E

Signature of Owner: George E. Lefgren  
Date: 12-17-63

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

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

10131

#97600

Filed this 17th day of

December A. D. 1963

at 1:55 o'clock P. M.

Margaret Tronical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fee \$2.00

File No.....

T. 55 R. 8 E

DUPLICATE

County. PARK

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

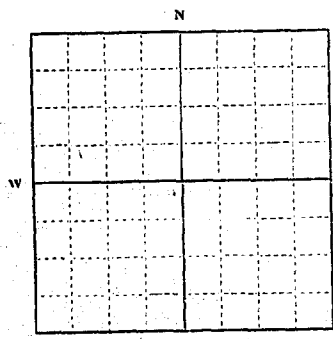
Date of Appropriation of Groundwater. approximately 1880

Owner. JULIAN REED Address. Chico, Montana

Contractor (if any) N/A

Address of Contractor N/A

Date Started N/A Date Completed N/A



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. a reservoir box inserted in spring, exact size unknown, with a 4" steel pipe leading from box to a concrete tank ap. 4' wide, 6 1/2' long and 4' deep; 4" steel pipe leading from tank to Chico Hot Springs, 1/4 mi., gravity flow.

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. 45 miner's

SE 1/4 SE 1/4 NE 1/4 Sec. 34 T. 55 R. 8 E  
Indicate point of appropriation and place of use, if possible.

inches cold water. Continuous use throughout the year. Supplies all cold water for the Chico Resort.

Signature of Owner Julian Reed

Date December 31, 1963

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

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

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

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

20825

#98254

Filed this 31<sup>st</sup> day of

dec A. D. 1963

at 3:42 o'clock P. M.

Margaret Monical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fee <sup>4</sup> 2<sup>00</sup>

File No. ....

T. 5 S. R. 8 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Emigrant Hatchery

Declaration of Vested Groundwater Rights

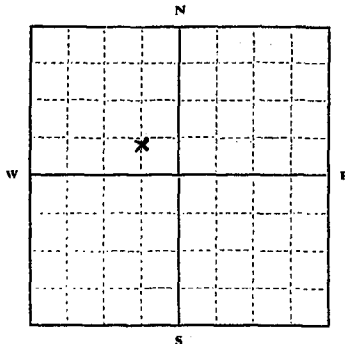
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 26 1963

STATE ENGINEER

1. Montana State Fish & Game Comm., of Helena  
(Name of Appropriator) (Address) (Town)

County of \_\_\_\_\_ 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  
Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 21, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 462.4 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  
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal const. of cement manhole, ap. 6' square 7' deep, with a 20" steel pipe conveying to hatchery a dis. of 125'

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

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 depth of well unknown; construction of a cement manhold with a steel cover, size & dimension ap. 6' Sq. by 7' deep with a 20" steel pipe conveying water to the hatchery a distance of 125'

10. The estimated amount of groundwater withdrawn each year average flow 462.4 gal. per min.

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 not applicable

Signature of Owner George Miller Sept  
Date 12-23-63

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

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

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

Doc # 97712

Filed this 23 Day of

December A. D. 1963

at 12:05 o'clock P. M.

Margaret Tronical  
County Clerk and Recorder

by \_\_\_\_\_ Deputy.

fee \$ 2.00

File No. ....

T 5 S. R. 8 E.

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Emigrant Hatchery

Declaration of Vested Groundwater Rights

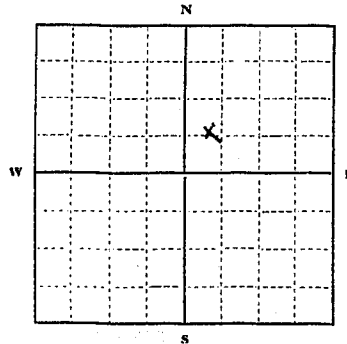
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
DEC 26 1963

STATE ENGINEER

1. Montana Fish & Game Commission, of Helena  
(Name of Appropriator) (Address) (Town)

County of \_\_\_\_\_ 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.....  
Operation of Fish Hatchery

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....February 21, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....227.2 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.....  
Not Applicable

N $\frac{1}{2}$  ~~1/4~~ Sec. 34, T. 5, S. R. 8 E.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....a tile pipeline 2,400' long with a water supply pipe of 5" conveying water to the hatchery.

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

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.....depth of well unknown; construction of a tile pipeline 2,400' long with a water supply pipe of 5" conveying water to the hatchery.

10. The estimated amount of groundwater withdrawn each year.....227.2 gal. per min.

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

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

Signature of Owner George Miller Supt  
Date 12-23-63

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

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

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

Doc 97710

Filed this 23 day of  
December A. D. 1963  
at 12:05 o'clock P. M.  
Margaret Donald  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy  
fee 2.00





File No. ....

T. 5 R. 9 East

DUPLICATE

County. Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 5 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Helen Nelson, of Pray,  
(Name of Appropriator) (Address) (Town)

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

Sec. 10 N Sec. 11.

x	x	x			

All in twp. 5 south,  
range 9 east, M. P. M.  
1/4 Sec. T R.

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

Place of use is indicated  
by marks, thus "x".

2. The beneficial use on which the claim is based. household water,  
watering live stock and irrigation.

Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. Use initiated in 1887, and use  
has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 40 miners inches.

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  
Use upon the NW 1/4 and NW 1/4 of section  
10, twp. 5 south, range 9 east, M. P. M.  
10 acres. Owner, Helen Nelson.

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal. Water is diverted from natural water course as  
supplied by springs. Point of diversion is  
located near the southeast corner of the  
SW 1/4 of section 12, said twp and range.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. Water first diverted and used in 1887.

8. The depth of water table. Water is intercepted on the surface of ground.

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. Water is conducted to place of use by means  
of a natural water course, shown as red marks on map accompanying.

10. The estimated amount of groundwater withdrawn each year. 40 miner's inches.

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

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 Helen Nelson

Date Dec. 4th, 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.

Doc. #

Filed this 4<sup>th</sup> day of

December 2, 1963

3:40 P.M.

Marquid Monreal,

County Clerk and Recorder.

Vittorio J. De

Deputy

Fee \$ 2.00

File No. ....

T. 5S R. 9E

DUPLICATE

County Park

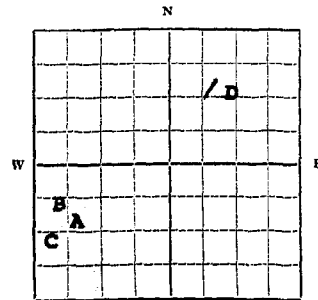
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. Fehr D. Anderson of Hoffman Route, Livingston  
(Name of Appropriator) (Address) (Town)

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



A, B, C- SW 1/4 Sec. 4 T5S R9E  
D-NE 1/4 Sec. 4 T5S R9E

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

2. The beneficial use on which the claim is based A-Domestic & Lawn irrig.; B-Domestic & Stock water; C-Stock water; D-Domestic, Lawn, & Stock water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been A-1955; B-1918; C-about 1945; D- about 1885
4. The amount of groundwater claimed (in miner's inches or gallons per minute) A, B, C- Ten gallons per minute each. D-Fourteen and six/tenths 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 A-Lawn irrigation for main house, 1 acre. B & C Nominal; D-Lawn and garden under 1 acre.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A, B, C- by 4 HP jet pumps; D-3/4 HP jet pump. Wells A, B, C- SW 1/4 sec. 4, T 5S, R9E; D-NE 1/4 sec. 4 T 5S, R 9E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A- 1955; B-1918 (Jim Allen Cont.); C-Aprox. 1945; D-1885 dug and drilled in 1924.

8. The depth of water table Aprox. 20 to 30 feet in all four wells.

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 All four wells are approximately sixty to seventy-five feet deep. Six or eight inch casings used.

10. The estimated amount of groundwater withdrawn each year A, B, C-5,256,000 gallons each; D-7,708,800 gallons.

11. The log of formations encountered in the drilling of each well if available Mainly rock, gravel and sand.

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. N/A

Signature of Owner Fehr D. Anderson

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.

17952

# 98057

Filed this 30th  
December A. D. 1963  
at 2:18 o'clock P. M.

Marquet Manual  
County Clerk and Recorder.  
By Emma Bowers  
Deputy  
Fees \$2.00

File No. ....

DUPLICATE

T. 55 R. 9 E

County Park

*Handwritten note:* 171/2  
SW 1/4 Sec 4

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

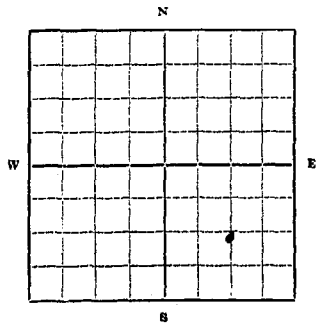
RECEIVED  
R  
MAY 2 1963

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

STATE ENGINEER

1. Harry E. Boeh (Name of Appropriator), of Hoffmans Pte Livingston (Address) (Town)  
County of Park State of Montana

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



SW 1/4 Sec. 4 T. 55 R. 9 E

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 and home use

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal An electric jet pump is used to withdraw water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater was first dug in 1912 and deepened later

8. The depth of water table Water from 50 feet down

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 140 feet deep well dug in 1912 and deepened to 170 feet. It pumps 20 cfm to 10 inches

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

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

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 Harry E. Boeh

Date .....

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.

# 94152

Filed this 31st day of

December, A. D. 1962

at 11:00 o'clock A. M.

Margaret Monahan  
County Clerk and Recorder.

by Betty Jane Lee Deputy.

Fee \$ 2.00

G<sup>1</sup>

File No. ....

DUPLICATE

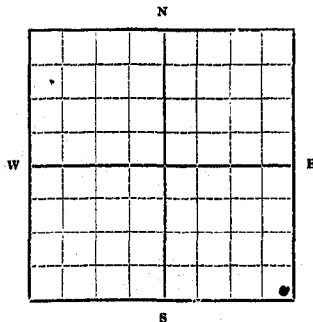
T. 9E R. 9E  
County. PARK

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 24 1962  
STATE ENGINEER

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

1. Clarence M. Melin, of Hoffman Route Livingston  
(Name of Appropriator) (Address) (Town)  
County of Park State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 5 T. 5 R. 9E  
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 Livestock Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Constant March - 1931
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 acre Clarence Melin
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Jet Pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started in February - finished in March '31
- 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 Hand Dug - 40 feet deep 20 inch casing
- 10. The estimated amount of groundwater withdrawn each year Hard to know
- 11. The log of formations encountered in the drilling of each well if available much gravel & rock
- 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  
Date

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.



Doc # 70856

Printed Date 25<sup>th</sup> Day of

January A. D. 1962

Doc # 000 of #

Margaret Marshall

County Clerk and Recorder

By Betty Jane Lee Deputy

Fee \$ 2.00

File No. ....

T. 5 R. 9E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

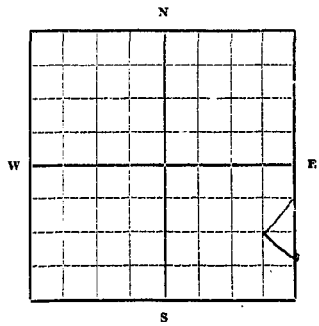
RECEIVED  
APR 19 1962

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

STATE ENGINEER

1. Jesse and LaVina Lewis, of 126 No 8<sup>th</sup> St Livingston  
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 7 T. 5 R. 9E

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Oct. 27, 1961  
Completed Nov. 1, 1961

8. The depth of water table 10 ft.

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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available Surface - 2 ft. - Top Soil  
2 ft. - 2.4 ft. - Coarse Gravel  
2.4 ft. - 3.6 ft. - Fine Gravel  
3.6 ft. - 3.9 ft. - Sand  
4 ft. - Fine 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 Jesse Lewis  
LaVina Lewis

Date April 18, 1962

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

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

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

Rec. # 91767

Filed this 18<sup>th</sup> day of

April A. D. 1962

at 3:30 P. M.

Margaret Monice

County Clerk and Recorder.

By Vetty Jane Lee Deputy.

Fee - \$2.00 pl.

File No. ....

T. 53 R. 9 E

DUPLICATE

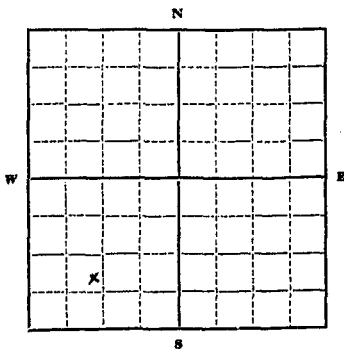
County Park

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 JAN 2 1964

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

I, William S. Warfield, of Huffman Pt. Livingston  
 (Name of Appropriator) (Address) (Town)  
 County of Park State of Mont.  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 8 T. 53 R. 9 E

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 stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... unknown 1937 - continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... pump on each of two wells one at house & one at barn.

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... 5-10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 12" galvanized casing about 10 feet deep at house; 4" casing, unknown depth at barn.

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

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

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

Signature of Owner William S. Warfield  
 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.

Doc # 98046

Filed this 30th day of  
December A. D. 1963  
at 2:07 o'clock P. M.  
Margaret Monreal  
County Clerk and Recorder  
Thelma Bowler  
Deputy  
Fees \$2.00

File No. ....

DUPLICATE

T. 55 R. 9E

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 27 1962

Declaration of Vested Groundwater Rights

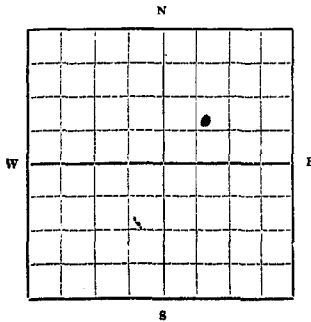
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harry E. Boeh of Holtzman Bldg. Livingston  
(Name of Appropriator) (Address) (Town)

County of Park State of Montana

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



SW 1/4 Sec. 9 T. 55 R. 9E

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 Finished in January, 1961 and is used everyday

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute with pump use have on it

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started in the middle of Dec. 1960 and finished in January 1961

8. The depth of water table 59 feet to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 1/2" dia. drilled well with 6 inch casing and is a 124-foot deep

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

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

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 Harold E. Boeh

Date Dec 27, 1962

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

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

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

# 94153

Filed this 31st day of  
December A. D. 1962

at 11:05 o'clock A.M.  
Margaret nominal

County Clerk and Recorder.  
By Betty Jane Lee Deputy

Fee - \$2.00

10-11-1962

File No. ....

T. 53 R. 9E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

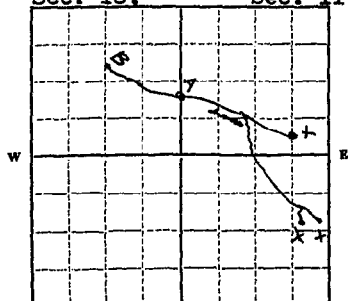
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Charles J. Kauffman, of Livingston,  
(Name of Appropriator) (Address) (Town)

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

Sec. 10. N Sec. 11,



Sec. 15, S Sec. 14,  
All in tp. 5 south,  
Range 9 East, M. P. M.

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

2. The beneficial use on which the claim is based. Domestic use, stock water, and for irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Use began in Sept., 1880, and has been continuous since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 30 miner's inches.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Approximately 30 acres, in E1/4 and W1/2, of section 10, tp. 5 south, range 9 east, M. P. M. Owner, Charles J. Kauffman.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is taken from springs located on Sections 11 and 14, in tp. 5 south, range 9 East, M. P. M., located as shown on map.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Water was diverted from springs in Sept., 1880, and has been used since by means of diversion thru ditches and pipe line, as shown.
8. The depth of water table. Water of springs comes to surface of ground and flows into ditch without pumping.
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. Water runs in ditches from springs to point marked A on map, and from A to B is diverted thru a pipeline; springs are designated with the mark thus, "X", on map above.
10. The estimated amount of groundwater withdrawn each year. Over 250,000 gals.
11. The log of formations encountered in the drilling of each well if available. No well drilled.
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 of rights made.

Dec. 6th, 1962.

Signature of Owner. Chas. J. Kauffman.

Date. Dec. 6th, 1962.

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

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

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



# 93919

Filed this 7<sup>th</sup> day of

December A. D. 1962

at 3:40 o'clock P. M.

Margaret Monick  
County Clerk and Recorder.

Ray Jones  
Deputy.

Sub 2. 10

File No. ....

T. 5. S. R. 9. E.

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

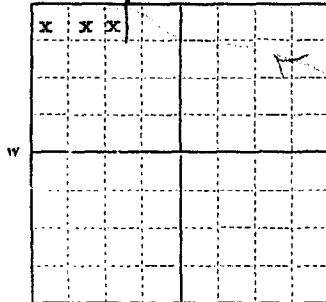
RECEIVED  
DEC 17 1963

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

1. Helen Nelson, of Fray, (Name of Appropriator) (Address) (Town)

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

Sec. 10 N Sec. 11



All in twp. 5<sup>s</sup> south, range 9 east, M. P. M.

1/4 Sec. T. R.

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

Place of use is indicated by marks thus "x"

2. The beneficial use on which the claim is based Water used for household use, watering livestock, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Use initiated in 1887, and use has been continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 miner's inches.

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 10 acres, used upon the NW1/4, and NW1/4, of section 10, twp. 5 south, range 9 east, M. P. M.; owner, Helen Nelson.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is taken from springs located in the SW1/4 of section 12, twp. 5 south, range 9 east, M. P. M.; point of diversion is located near the SE corner of said SW1/4 of section 12.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Water first diverted from springs in 1887, and has been used since by diversion by ditch and pipe line.

8. The depth of water table. Water of springs comes to surface of ground and flows into ditch without pumping.

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. Water runs thru ditch and pipe line. Springs are designated by letter "S" on map. Line of ditch and pipe line indicated by red line.

10. The estimated amount of groundwater withdrawn each year. Over 250,000 gallons.

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

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

Helen Nelson

Signature of Owner Helen Nelson.

Date Dec. 16, 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.

4704

Doc # 97582

dated this 16 day of  
December A. D. 1963  
at 11:55 o'clock a. M.  
Margaret Tronick  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fee \$ 3.00

File No. ....

T 58 R 9E

**DUPLICATE**

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

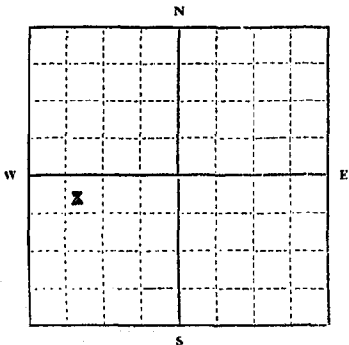
**RECEIVED**  
JAN 3 1963  
STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

I, Bernard Allen, of Pioneer Ranch Livingston  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SW 1/4 Sec. 14 T. 58 R. 9E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 stock water for livestock on Range - continuous use

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural spring - gravity flow

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

8. The depth of water table Surface water, natural spring

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 Surface water, gravity flow

10. The estimated amount of groundwater withdrawn each year 4 miners inches average natural flow

11. The log of formations encountered in the drilling of each well if available Free Flowing Natural spring none 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 None

Signature of Owner Bernard Allen

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.

# 98174

Filed this 31st day of  
December A. D. 1963  
at 2:17 o'clock P.M.  
in the presence of Thomson

County Clerk and Recorder.  
334 Emma Powell  
Fees \$2.00

File No. ....

T. 53 R. 2-E

TRIPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

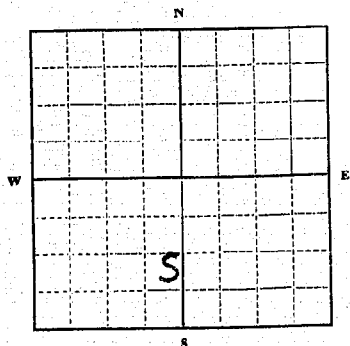
RECEIVED  
DEC 11 1965

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... Unknown  
Owner..... Milton E. Berg..... Address..... Hoffman Lodge, Livingston  
Contractor (if any)..... self  
Address of Contractor..... same  
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..... Flowing from sub-soil formation into stream then into concrete reservoir for storage.

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..... 50 gallons per minute into reservoir and pipes into two homes and all corrals.

Sec. 14..... T. 53..... R. 2-E  
Indicate point of appropriation and place of use, if possible.

Signature of Owner..... Milton E. Berg  
Date..... December 11, 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.

13606

14

File No. ....

T. 53 R. 9-E

TRIPPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 3

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... Unknown

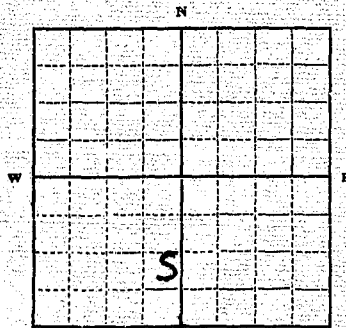
Owner Milton E. Berg Address Huffman Route, Livingston

Contractor (if any) self

Address of Contractor same

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..... Flowing from sub-soil formation into stream, then into cement reservoir for storage.



Sec. 14 T53 R. 9-E

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. 50 gallons per minute into reservoir and pipes into two homes and all corrals.

Signature of Owner Milton E. Berg  
Date December 11, 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.

13606

Doc. # 97770

Filed this 26 day of  
December A. D. 1963  
at 8.06 o'clock A. M.  
Margaret Monical  
County Clerk and Recorder.

By fee 2.00 Deputy



File No. ....

T. 55 R. 9E

DUPLICATE

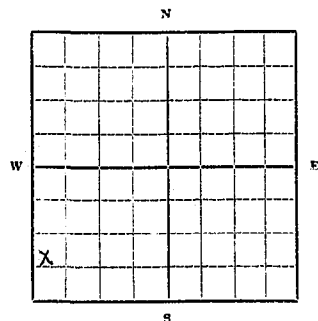
County PARK

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1963  
STATE ENGINEER

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

1. TANNER J WALKER, of Box 84 PRBY  
(Name of Appropriator) (Address) (Town)  
County of PARK State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 17, T. 55 R. 9E.

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  
HOUSE AND LAWN

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3000 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 NONE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940

8. The depth of water table 150 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED WELL 6 IN. CASING  
200 FT DEEP

10. The estimated amount of groundwater withdrawn each year 1,000,000 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 Tanner J Walker

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 School of Mines and Quadruplicate for the Appropriator.

Doc. # 98123

dated this 31st day of

Dec A. D. 1963

at 10:18 o'clock A. M.

Margaret Tronical  
County Clerk and Recorder.

By \_\_\_\_\_ Deputy.

fu - 2.00

File No. ....

T. 55 R 9E

DUPLICATE

County Park

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

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

0' - 1' Top Soils.

1' - 20' Large boulders and gravels.

20' - 80' Claybound sand gravels and bouldres. Dry.

80' - 89' Large gravels 3 G.P.M. @ 85'

89' - 97' Cleaner gravels. Water.

Owner LEE COWAN Address LIVINGSTON MONTANA

Driller VAN DYKEN DRILLING CO Address BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater none

Date well started Oct. 1/69 Date completed Oct. 15/69

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

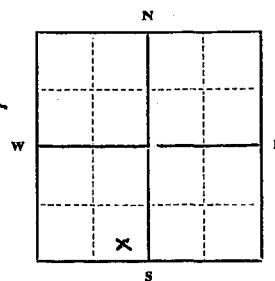
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

T.S. 97'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 19# per ft.	0'	96'	none		

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

DEC 1 1969



Static Water Level for non-flowing well 72' feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 86' feet  
at 14 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer

Length of Test 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Clay and drill cuttings shutoff outside of casing from 0' to 96'

SE 1/4, 17th Sec. 17, T. 55, R. 9E.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

LICENSE NO. 1

Driller's License Number

Driller's Signature

Bert Van Dyken  
45915

116580

~~DATE PAID~~ 28th ~~1869~~

Nov A. D. 1869

11:40 clock A. M.

Marquette, Missouri

County Clerk and Recorder,

Mary U. Smith

Deputy,

Fee \$2.00

RECEIVED  
DEC 1 1869