

Doc. # 98252

Filed this 31st day of

Dec. a. d. 1963

3:40 P. M.  
Margaret Momicak

County Clerk and Recorder.

Wally Gene Lee  
Deputy.

fee 2.00

GWS

File No. ....

DUPLICATE

T.1.S. R. 10E

County Park

RECEIVED  
DEC 30 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

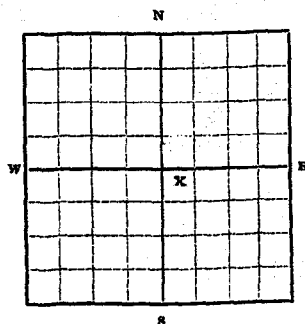
Date of Appropriation of Groundwater 1954  
Owner George Martin <sup>Lilly S. Martin</sup> Address Shields Rte., Livingston, Montana

Contractor (if any) .....

Address of Contractor .....

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

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



S.17E 1/4 Sec.17 T.15 R.10E

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

200 miner's inches, natural springs

year-around use

*Lilly S. Martin*

Signature of Owner George Martin

Date December 27, 1963

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

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

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

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

#97844

Filed this 27 day of

Dec. A. D. 1963

at 1:17 o'clock P. M.

Margaret Monical  
Clerk and Recorder.

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

for fee 2.00

File No. ....  
QUADRUPPLICATE

RECEIVED  
DEC 30 1963

T. 15 R. 10E  
County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level 4500')

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner George Martin Address Shields Rte., Livingston, Montana

Driller self Address as above

Date of Notice of Appropriation of Groundwater 1950

Date well started ..... Date Completed .....

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

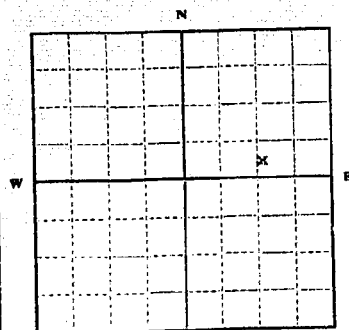
Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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.



22 feet

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3 1/2"						



N 1/4 Sec. 7 T11 R9  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

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

Pumping Water Level ..... feet at 160 gal. per day.

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).....

*George J. Martin*  
*Lilly S. Martin*

Driller's License Number

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.

15394

97845

Filed this 27 day of  
Dec A. D. 1963  
at 1:18 o'clock P. M.  
Margaret Troncial  
County Clerk and Recorder.

fee \$2.00 Deputy.

22

File No. ....

T. 15 R. 10

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER JAN 2 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Marie Palmer Address Shielda St  
Livingston, Mont.  
Driller Roy Claus Address Clyde Park

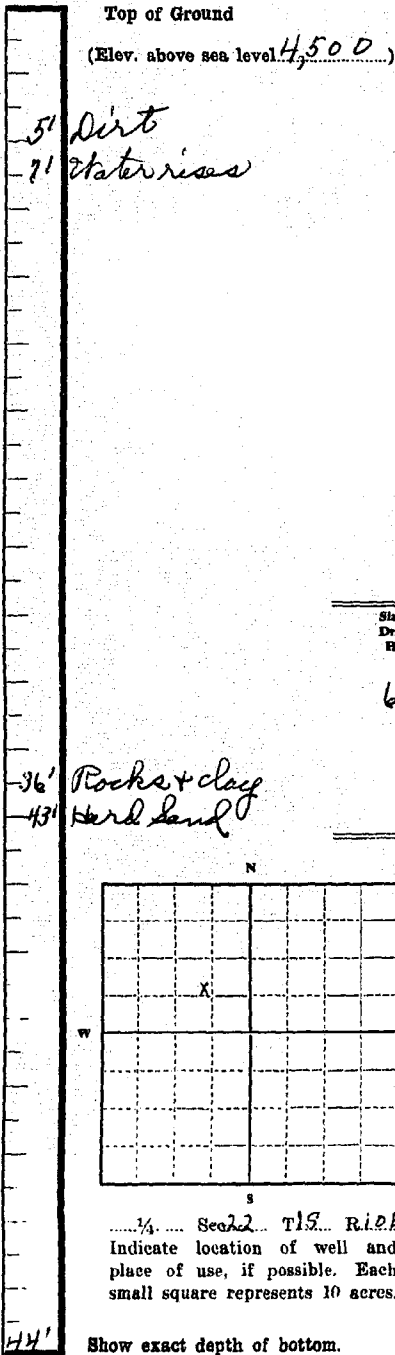
Date of Notice of Appropriation of Groundwater .....

Date well started Sept. 15, 1963 Date Completed Oct. 10, 1963

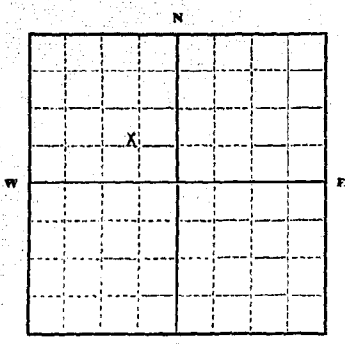
Type of well Drilled Equipment Used Churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1/4" black surge		42'			



1/4" Seal. TIS. R.I.O.F.  
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...15' feet at 14 gal. per minute.

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

How Tested...boiler 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).....

176  
Driller's License Number  
Roy Claus  
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.

17925

# 98027

MAILED 1963 30th DAY OF  
December A. D. 1963  
1:52 P. M.  
Marquet Monical  
County Clerk and Recorder  
By Kamma Bowers  
Treas. 2.00

GW 4  
File No. \_\_\_\_\_

T 15 R 10  
County Park

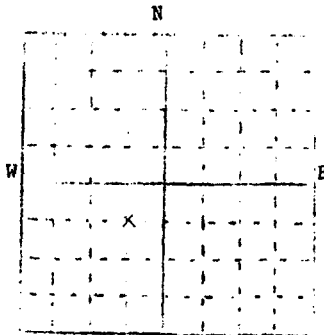
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 23 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chapter 237, Montana Session Laws, 1961)

1. Thomas Dean Devine of Shields Rte 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:



- 2. The beneficial use on which the claim is based house hold use & stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been well was put in about 1945 and use has been continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) well has about 100 feet of water
- 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

Por. KE. 4 SW 1/4 <sup>West S</sup> Sec. 22 T. 15 R. 10 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 house water pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well drilled in 1945; drilled deeper about 1947

8. The depth of water table about 75 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 in well about 1947

10. The estimated amount of groundwater withdrawn each year 61500 gal

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

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

Signature of Owner Thomas Dean Devine  
Date Jan 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.



Doc # 98514

Filed this 22nd day of  
January A. D. 1 964  
at 11:35 o'clock A. M.  
Margaret Monical  
County Clerk and Recorder.  
By Scott J. Lee  
Deputy.  
Jan 22. 64

RECORDED  
INDEXED  
JAN 22 1864  
CLERK OF SUPERIOR COURT  
SACRAMENTO, CALIF.

File No. ....

T. 1 R. 10

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

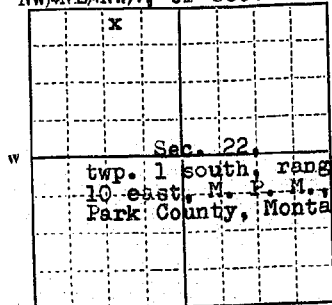
RECEIVED  
JAN 3 1964  
(SPRING)

Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1963) STATE ENGINEER

I, Lilly Palmer, of 421 East Clark 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:

NW1/4NE1/4NW1/4, of section 22, twp. 1 south, range 10 east, M. P. M.



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been First used in 1918, and used continuously since.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Water comes to the surface by gravity or underground pressure.

1/4 Sec. T. R.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater First used in 1918.

8. The depth of water table Water comes to surface of earth of its own accord.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. (Well, not applicable.) Spring is located and used approximately at place marked on map with X.M.

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

Signature of Owner Lilly Palmer

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. 20768

# 98197

filed this 31st day of  
December A. D. 1963  
at 2:40 P. M.  
Margaret Munsal

County Clerk and Recorder.

J. Emma Bowers  
Deputy

Fee \$2.00

GW 2

File No. STATE WATER CONSERVATION BOARD

T 15 R 108

DUPLICATE

JUN 17 1966

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0--1' Soils.  
1--8' Sands and gravels. Dry  
8--37' Claybound sands and gravels. Wet @ 27'  
37--44'6" Hard creviced rock, water.

Owner ARCHIE SMITH Address LIVINGSTON, MONT.

Driller VAN DYKEN DRILLING CO. Address BOZEMAN, MONT.

Date of Notice of appropriation of groundwater NONE

Date well started May 20/66 Date completed May 22/66

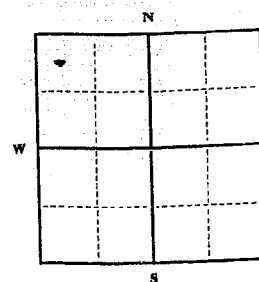
Type of well Drilled Equipment used Cable tools.  
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.D. 44'6"

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. 17# per ft. Prime steel	0'	40'			none



Static Water Level for non-flowing well 25' feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 32' feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested Bailer

Length of Test 1 Hr.

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

Surface water is sealed off with drilling mud.

N.W. 1/4 Sec. 22 T.15. R.108 E  
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

41145

Doc #106551

Filed this 16<sup>th</sup> day of

June, A. D. 1966

at 10:50 o'clock A. M.

Margaret Thomas  
County Clerk and Recorder.

By \_\_\_\_\_

See # 200

T. 15 R. 10 E  
County Park

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
NOV 7 1961

WATER WELL LOG

STATE ENGINEER

Lot

R		

Owner Jay Stevens Taylor Address Shields Rt Livingston Mont.  
Driller Dave Dyken Drilling Co. Address Bozeman  
Date Started Sept 28/60 Date Completed Nov 2/60  
Location: Sec. 26 T. 15 R. 10E sec.

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_  
Casing: 6 ft. to 31 ft. Type Prime Steel Size 6 5/8" AP 17# P.F.

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: 15 feet.

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

Pumping water level: 3.0 feet at 1.2 gal. per min.

How tested: Bailer

Length of test: 1 hr

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



26

File No. ....

T. 15 R. 10E

DUPLICATE

County. PARK

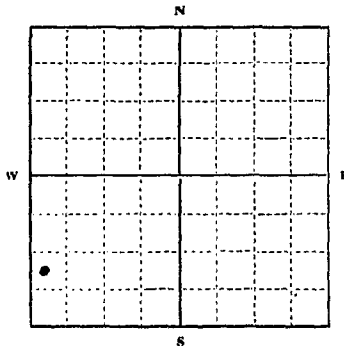
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. EDWARD N. LARSON, of BOX 552 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. 26 T. 15 R. 10E

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.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. MAY 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3000 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. 192 ACRES LOTS 649 NE 1/4 SW 1/4 NW 1/4 SEC 26 MALVINA LARSON ABOVE SOLD TO EDWARD LARSON ON CONTRACT FOR DEED.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. WITHDRAWN BY 15 HP ELECTRIC MOTOR DRIVING A FAIRBANKS HORSE IMPELLER PUMP.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. APPROX 1 NOV 1960 + COMPLETED APPROX 15 APRIL 1961

8. The depth of water table. 14 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. WELL CASING (OPEN) 16" x 3" DIAMETER WITH 4.2 FOOT HORIZONTAL INTAKE 3 FEET IN DIAMETER.

10. The estimated amount of groundwater withdrawn each year. APPROX 20 DAYS OF PUMP OPERATION PER YEAR.

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

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

Signature of Owner. Edward N. Larson

Date. 30 Dec. 1963

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

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

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

20746



Doc. # 98175

Sited this 3rd day of

Dec. A. D. 1963

at 2:18 o'clock P. M.  
of Managers

Copied by Clerk and Recorder.

Della Jane Lee  
Deputy

fee. 2.00

File No. ....

T. 15 R. 10E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

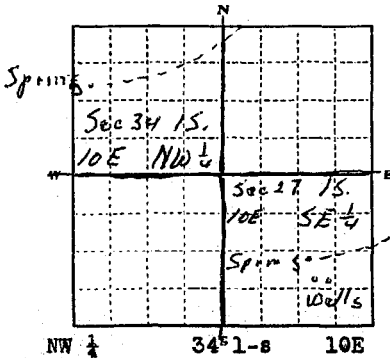
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lorrie A. Peterson of Shields 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:



Lot 8 1/4 Sec. 27 T. 15 R. 10E

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, stock water & irrigation sub.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 35 years

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 inches in the spring.

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 100 acres of sub-irrigated pasture.  
Lorrie A. Peterson

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pump at the two houses. By free flow & ditch in the spring.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. One well was completed in the 1930's and the other in 1941.

8. The depth of water table. Nine feet in the 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. Hand dug wells, around twelve feet deep. An excavated hole and a open ditch for the spring.

10. The estimated amount of groundwater withdrawn each year. 182,500 gallons in wells. Free flow in the spring. 200 inches

11. The log of formations encountered in the drilling of each well if available. the wells are both hand dug.

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. I know of none.

Signature of Owner Lorrie A. Peterson  
Date July 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. 20732

# 98161

Filed Dec 31st  
December 31, 1963  
at 1:10 o'clock P.M.  
Marquell Monreal  
County Clerk and Recorder.  
By Betty Jane Lee  
Deputy.  
Fee \$2.00

T. 15 R 10E

County PARK

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

	X	
27		

Owner BALFORD LEON NEAD Address SHIELDS ROUTE

Driller ? Address ?

Date Started ? Date Completed ?

Location: Sec. 27 T. 15 R 10E 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

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

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level: 20 feet at \_\_\_\_\_ gal. per min.

How tested: ?

Length of test: ?

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

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

(over)

Doc # 90622

Filed this 29<sup>th</sup> day of

December A. D. 1961

at 4:18 P. M.

Marquet Medical

Dental Clinic and X-ray Center

by Betty Jane Lee

Fee - 1.00 pd.

File No. ....

T. 15 R. 10 E

DUPLICATE

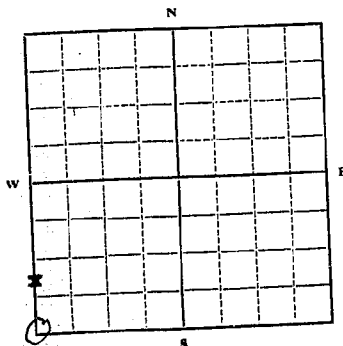
County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 12 1963

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

1. CHD Ranch Company of Stirling Rte. 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:



S. 12 1/4 - S. 4 Sec. 28, T. 15 R. 10 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 Watering Live-stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1936 used continuously
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural spring
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
- 8. The depth of water table minors top 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 not applicable
- 10. The estimated amount of groundwater withdrawn each year
- 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

Signature of Owner CHD Ranch Company by [Signature] President  
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.

8758

Doc # 97484

Filed this 11<sup>th</sup> day of  
December A. D. 1963  
at 1:10 o'clock P. M.  
Margaret Ironical  
County Clerk and Recorder.

In \_\_\_\_\_  
Deputy

fee 2<sup>00</sup>

GW2

File No. ....

DUPLICATE

T. 15 R. 10E 28

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
DEC 20 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: CHD Park Co. Address Livingston, Mont

Driller: Texas Drilling Co. Address Bozeman, Mont

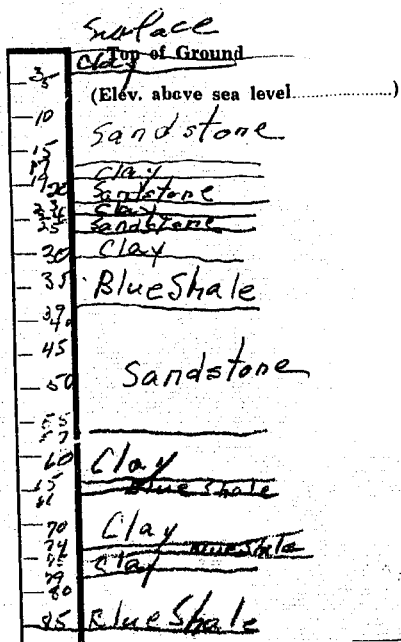
Date of Notice of Appropriation of Groundwater 12/12/62

Date well star. ed. 10/11/62 Date Completed 10/17/62

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 5/8"	6 5/8" OD 15# above surface	2 feet	10			
	5" OD 3# above	80 ft				

Static Water Level for non-flowing Well..... 27 feet.

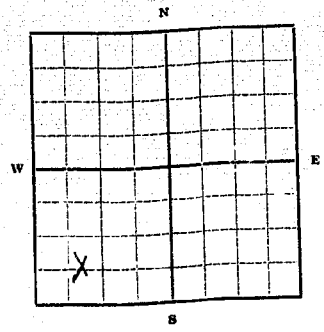
Shut-in Pressure for Flowing Well .....

Pumping Water Level..... 85 feet at 20 gal. per minute.

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

How Tested..... Ball and Length of Test..... 1 Hour

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



S.W. 1/4 Sec. 28 T. 15. R. 10E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number 17  
Driller's Signature Milton E. Jones

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.

10972



Doc # 97637

Filed this 19<sup>th</sup> day of  
December A. D. 1963  
at 11:05 o'clock A. M.  
Margaret Tronicek  
County Clerk and Recorder.

Fee \$ 2<sup>00</sup> Deputy.

T. 1 South R. 10 East

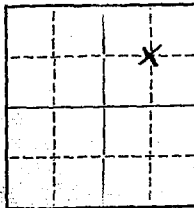
County Park

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
MAY 27 1961

WATER WELL LOG

STATE ENGINEER



Owner: C. E. D. Ranch Company Address: Shields St., Livingston Montana

Driller: Nelson Harold Address: Alps Park, Spokane

Date Started: 1958 Date Completed: 1958

Location: Sec. 29 T. 1 S. R. 10 E. 1/4 sec. North East Quarter (Center)

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 120 ft. Type: 20 Gauge Galv. Size: 6 5/8" x 10

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: 73 feet \_\_\_\_\_ feet

Shut-in pressure, for flowing well: 0 lb./sq. in. on: \_\_\_\_\_ (date)

Pumping water level: 100 feet at 30 gal. per min.

How tested: pumping

Length of test: 1 hour

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

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

(over)

Doc. # 90575

Filed this 28<sup>th</sup> day of

December in D. 1961

1:08 P. M.

Marshall Marshall  
County Clerk and Recorder.

77 Betty Jane Lee  
Deputy.

See \$ 1.00 P.

31

File No. ....

T. L.S. R. 10 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... approximately 1885

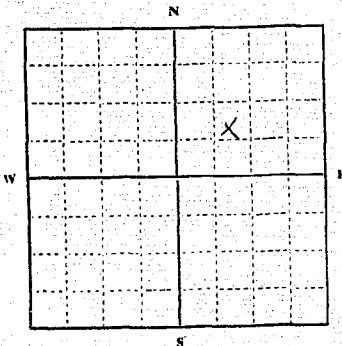
Owner... Donal Stole Address... Shields Route

Contractor (if any) ... N/A

Address of Contractor N/A

Date Started ap. 1885 Date Completed... ap. 1885

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. =free flowing well with excavation done at source of well to increase the flow. Water used for stockwater and sub-irrigation.



NE 1/4 Sec. 31 T. L.S. R. 10 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. ap. 10" water used during irrigation season, ap. first of June through end of September for subirrigation, and year around for stockwater.

Signature of Owner Donal Stole

Date December 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.  
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

# 98126

Filed this 31st day of

December A. D. 1963

at 10:21 o'clock P.M.

Margaret Marshall  
County Clerk and Recorder,

By Emma Bowers  
Deputy.

Fees \$ 2.00

File No. ....

T. 15 R. 10 E

DUPLICATE

County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

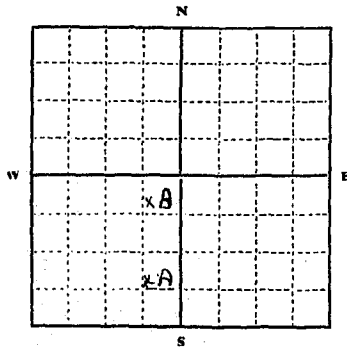
RECEIVED  
JAN 3 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. DONAL STOLE, of Shields 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:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....approximately 1885 - continuous

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

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/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal B. is free-flowing spring with a 2" pipe leading from a box set into spring piped to house, ap. 1000' from spring; A. drilled well with 6" casing, 1/2 H.P. pump drilled in 1952.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A. 1952. B. Approximately 1885

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 B. is free-flowing spring with a 2" pipe leading from a box set into spring piped to house, ap. 1000' from spring; A. drilled well with 6" casing, 1/2 H.P. pump, drilled in 1952.

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

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 Donal Stole

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.

20700

# 98127

Filed this 31st day of  
December A. D. 1963  
at 10.22 o'clock A. M.

Margaret Monical  
County Clerk and Recorder.

By James Bowers  
Deputy.  
Fees \$2.00

File No. ....

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

T 1 S R 10 E

DUPLICATE

County Park

LOG JAN 6 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

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

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

Owner REV. STANELY WEST Address LIVINGSTON, MONTANA

Driller VAN DYKEN DRILLING CO. address BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater none

Date well started 9/15/69 Date completed 9/26/69

- 0' - 4' Top soils.
- 4' - 13' Clays.
- 13' - 46' Hard dark shales.
- 46' - 51' Hard rock. Dry.
- 51' - 65' Hard dark shales.
- 65' - 120' Same as above, but harder shales. 2 G.P.M. @ 67' and 40 G.P.M. from 110' to 120'

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

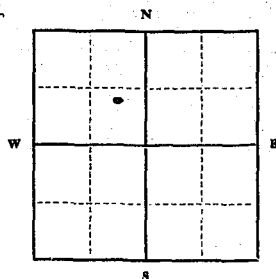
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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.D. 120'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17# per ft	0'	50' 6"		none	

Doc. No. 116948  
Filed for record this 5 day of January A. D. 19 70, at 2:20 o'clock p.M.



Static Water Level for non-flowing well 46' feet.  
Shut-in Pressure for Flowing Well none  
Pumping Water Level 56' feet at 40 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) Puddled clays and cuttings outside of casing from 0' to 50'

SE 1/4 NW Sec. 33 T15 R10E  
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  
Bert Van Dyken 46023



# 116948

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

January A. D. 1970

at 2:20 P. M.

at the Court House  
County Clerk and Recorder.

By Scott J. Shaw  
Deputy

Fee \$ 2.00

File No. ....

T. 13 R. 10E

DUPLICATE

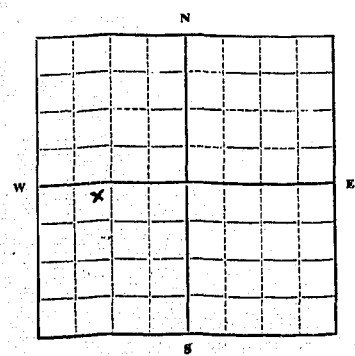
County Park

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 19 1963  
STATE ENGINEER

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

1. Northern Pacific Railway Co. of N.P. Section House Mission  
(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:



NW 1/4 SW Sec. 35 T. 13 R. 10E

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 purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 27, 1940 to present

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started June 14, 1940 Completed June 27, 1940

8. The depth of water table. Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 inch drilled well in bottom of 4 foot diameter dug well, 37 feet deep

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

11. The log of formations encountered in the drilling of each well if available. See attached log 39

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.....

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.

35  
D  
ER  
T. A.F.E. 437-40

June 19-1940.

June 27-1940.

ft.

poelter.

ee.

Mont. 39.

Apr. 29-1940

Yellowstone, Div.

General note:

Old well was chlorinated before drilling  
6" well.

6" well was chlorinated after completion  
of drilling.

6" well was terminated in slightly coarse  
gravel, which resulted in a very good  
supply of clear water.

Test of water by Mont. state Board of  
Health, showed satisfactory sanitary  
qualities, June 23, 40.

# 97001

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

November A. D. 1963

at 10:00 a. M.

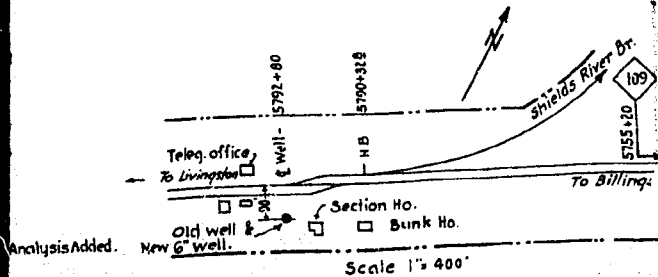
Margaret M. Mical  
County Clerk and Recorder.

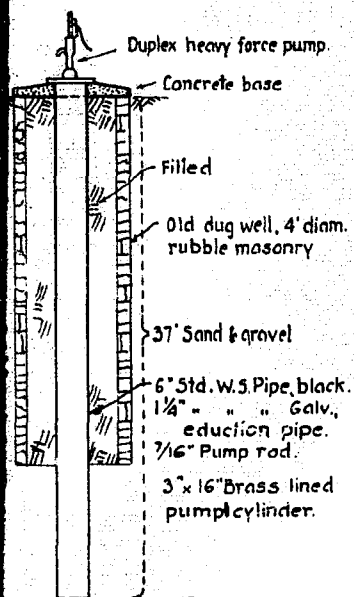
Deputy.

Water Analysis, May 26-53.

Calcium bicarbonate	8.1 G.P.G.	} Expressed as $\text{CaCO}_3$
Magnesium "	4.1 "	
" sulfate	0.6 "	
Sodium carbonate	0.0 "	
" bicarbonate	0.0 "	
" sulfate	0.6 "	
" chloride	1.0 "	
Silica	0.71 "	
Iron	0.0 P.P.M.	
pH		
Total dissolved solids	14.4 G.P.G. (actual)	
Turbidity	5	

Note: See file 1457-1, for drilling and test data,  
Office of Engineer of Water Service, St. Paul.





### MISSION, MONT. A.F.E. 437-40

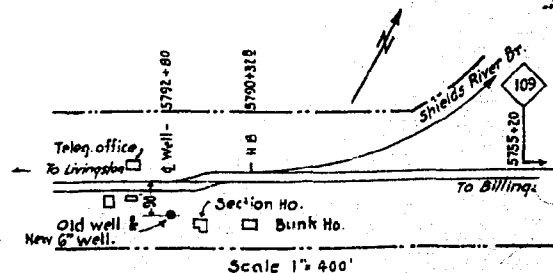
Drilling begun, June 19-1940.  
 Completed June 27-1940.  
 Total depth 37 ft.  
 Drilled by A. M. Boeiler,  
 N.P.Ry. Employee.

Mont. 39  
 Apr. 29-1940  
 Yellowstone Div.  
 General note: Old well was chlorinated before drilling 6" well.  
 6" well was chlorinated after completion of drilling.  
 6" well was terminated in slightly coarse gravel, which resulted in a very good supply of clear water.  
 Test of water by Mont. state Board of Health, showed satisfactory sanitary qualities, June 23, 40.

#### Water Analysis, May 26-53.

Calcium bicarbonate	8.1 G.P.G.	} Expressed as CaCO <sub>3</sub>
Magnesium "	4.1 "	
" sulfate	0.6 "	
Sodium carbonate	0.0 "	
" bicarbonate	0.0 "	
" sulfate	0.6 "	
" chloride	1.0 "	
Silica	0.71 "	
Iron	0.0 P.P.M.	
pH		
Total dissolved solids	14.4 G.P.G. (actual)	
Turbidity	5	

Note: See file 1457-1, for drilling and test data, Office of Engineer of Water Service, St. Paul.



Revised June 4, 53, Water Analysis Added.

Scale 1" = 400'