

T 22 R 48 10

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED  
JAN 4 1962

STATE ENGINEER

WATER WELL LOG


Owner Howard Hunter Address Circle

Driller Boss Whitman Address Walt Point

Date Started around 10 yrs ago Date Completed in Sept/Oct.

Location: Sec 10 T 22 R 48 Sec SESE

Type of Well Drilled Equipment Used Churn Mill  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:

Casing: 0 ft. to 80 ft. Type Steel Size 6 in

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 Screen

Static water level, for non-flowing well: 60 feet

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

Pumping water level 80 feet at 5 gal. per min

How tested: Bales

Length of test 1 hr.

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

Soda - soft not too hard steel  
for domestic use - not too good to test

(over)



T 22 R 48 15  
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER


Owner Howard Hunter Address Circle Mont.  
Driller Van Haggerty Address Lindsay Mont  
Date Started 10-15-61 Date Completed 10-16-61  
Location: Sec 15 T 22 R 48 & Sec SW NW

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

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

Casing: 0 ft. to 47 ft. Type Steel Size 5 in

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 Slotted

Static water level, for non-flowing well: 20 feet

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

Pumping water level 45 feet at 10 gal. per min

How tested: Bailer

Length of test 1 hr.

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

Good Hard Drinking Water

(over)



15

T 22 R 48

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

RECEIVED  
JAN 4 1962

Butte, Montana

STATE ENGINEER

WATER WELL LOG

Natural Spring


Owner Howard Hunter Address Circle

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started Spring - present owner says at least 50 yrs old or older Date Completed \_\_\_\_\_

Location: Sec 15 T 22 R 48 + Sec N-E

Type of Well \_\_\_\_\_ 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: \_\_\_\_\_ feet

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

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

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

Open Spring Good Drinking Water -  
Flow - Probably runs about 5 gal per min.

(over)



GW

Approved Stock Form—State Publishing Co., Helena, Montana—3446

File No. 561

T. 22 N R. 48

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

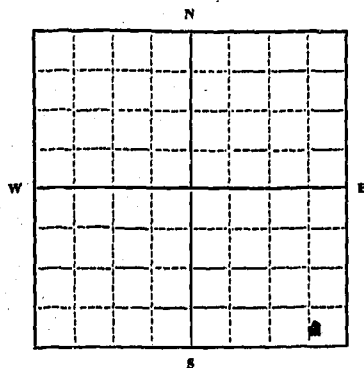
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

154838

1. Clair J. Schillinger of Wolf Point, Montana  
(Name of Appropriator) (Address) (Town)  
County of McCone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 17 T. 22 N. R. 48

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... Sept. 10, 1961

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

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 and windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... September 10, 1961

8. The depth of water table... 145 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Drilled 6 1/2 inch hole; 4 inch steel casing; gravel packed on outside. drilled and cased to 154 feet. Perforated 136 to 154 feet.

10. The estimated amount of groundwater withdrawn each year... 160,000 gallons

11. The log of formations encountered in the drilling of each well if available... 0 to 45 ft. yellow clay; 45 to 136 ft. gray clay; 136 to 154 ft. water 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... None

Signature of Owner... Clair J. Schillinger

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.

36533

127332

DOC. NO.

WATER WELL LOG FILE NO. 561

CLAIR J. SCHILLINGER

TO

THE PUBLIC

STATE OF MONTANA )  
                          )SS  
COUNTY OF MUSEE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 3rd day of Jan., 1964 A.D.

at 10:45 o'clock, a.m.

*Henry E. Dyer*  
.....  
COUNTY CLERK

FEE: \$2.00

JAN 10 1964

CLERK STATE ENGINEER

127332



RECEIVED  
AUG 17 1959

T. 22 N R. 48 E

County: McCone

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

	o	
	25	

Owner: SHELL OIL COMPANY Address: P. O. Box 2547  
Billings, Montana

Driller: \_\_\_\_\_ Address: \_\_\_\_\_

Date Started: April 1952 Date Completed: April 1952

Location: Sec. 25 T. 22 N R. 48 E 1/4 sec. Northwest

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 1257 ft. Type: 17# Size: 5-1/2"

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

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

Perforated or Screened: Ft. 1065 to ft. 1257 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: Mesh perforated

Static Water level, for non-flowing well: 400 feet.

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

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

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

Larkin packer at 1056'

Salinity 872 ppm

(over)



File No. 202

T. 22N R. 12E

Original. County MC CONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 15 1962

DECLARATION OF VESTED GROUNDWATER RIGHTS STATE ENGINEER  
(Under Chapter 237, Montana Sessions Laws 1961)

1. Shell Oil Company of P. O. Box 2547 Billings  
(Name of Appropriator) (Address) (Town)

County of Yellowstone State of Montana

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

		X			

Section 25

MC 2/105 Sec 25  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date of approximate date of earliest beneficial use; and how continuous the use has been April 1952

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

5. If used for irrigation give the acreage and description of the lands to which water has been applied and name of 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 Motor driven pump

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of ground water Started April 1952 Comp. April 1952

8. The depth of water table 100'

9. So far as it may be available, the type, size and depth of each well or the general specification of any other works for the withdrawal of groundwater. \*  
TD 1258 5-1/2" cas. at 1257 Pumps 1245 - 1257

10. The estimated amount of groundwater withdrawn each year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act indicating reference to book and page of any county record  
\* Used with well in Section 31 to drill wells in S.W. Ricker Field.

Signature of Owner A. S. Jeter  
Shell Oil Company  
Date February 2, 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.

STATE OF MONTANA

County of Yellowstone

ss

A. T. Iveson having first been duly sworn, deposes and says that he is of lawful age and is the appropriator for Shell Oil Co. and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriate person and claimant, that he knows that the contents of said foregoing notice and that the matters and things therein stated as true.

Subscribed and sworn to before me, this 2nd day of February 1962

Margaret W. Haag  
Notary Public for the State of Montana

Residing at Billings, Montana

My Commission expires March 30 1962

State of Montana }  
County of McCone } ss.  
Office of Clerk and Recorder.  
Filed this 13th day of  
February A. D. 19 62  
at 12th school P. M.  
Billings Clerk and Recorder  
By \_\_\_\_\_ Deputy  
Fee \$ 2.00

WATER WELL LOG FILE NO. 202

122639

SHELL OIL COMPANY

TO

THE PUBLIC



STATE OF MONTANA }  
County of Yellowstone } 55

A. T. Ireson having first been duly sworn, depose & and say that he is of lawful age and is the appropriator for Shell Oil Co. and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriate Person and claimant, that he knows that the contents of said foregoing notice and that the matters and things therein stated as true.

Subscribed and sworn to before me, this 2nd day of February 1962.

Margaret W. Saig  
Notary Public for the State of Montana

Residing at Billings, Montana

My Commission expires March 30 1962

*[Faint, mostly illegible text, possibly bleed-through from the reverse side of the page.]*

State of Montana }  
County of McCone } ss.  
Office of Clerk and Recorder.  
Filed this 13th day of  
February A. D. 1962  
at 12:35 o'clock P. M.  
By [Signature] Deputy  
Clerk and Recorder  
Fee \$2.00

123638  
WATER WELL LOG FILE NO. 2C  
SHELL OIL COMPANY  
TO  
THE PUBLIC

RECEIVED  
AUG 17 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

T. 22 N R. 48 E

County McCone

WATER WELL LOG

o		
	33	

Owner SHELL OIL COMPANY Address P. O. Box 2547 Billings, Montana  
Driller Livingston Address Winnett, Montana  
Date Started September 1952 Date Completed September 1952  
Location: Sec. 33 T. 22 N R. 48 E  $\frac{1}{4}$  sec. Northwest

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

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

Casing: 0 ft. to 1258 ft. Type 17# Size 7"

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

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

Perforated or Screened: Ft. 1071 to ft. 1258 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations Torch perforated

Static Water level, for non-flowing well: 360 feet.

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

Pumping water level: 497 feet at 31 gal. per min.

How tested: Pump

Length of test: 12 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Larkin packer at 1068

(over)





Form No. 18  
8-60

T. 22 R. 19 <sup>34</sup>

County         

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log

RECEIVED  
JAN 4 1962


OWNER L. H. ... Address STATE ENGINEER

Driller          Address         

Date Started 1-8-59 Date Completed 1-10-59

Location: Sec. 34 T. 22 R. 19 Sec. SE 7 6 E 9

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

Casing: 0 ft. to 100 ft. Type Steel Size 4 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: 40 feet.

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

Pumping water level 40 feet at 5 gal. per min.

How tested: Pump

Length of test 10 to 12 hours

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

Shut-off at 100 ft

(over)

Form No. 18  
8-60

T. 22 R. 18

County Madison

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

Water Well Log

RECEIVED  
JAN 4 1962


OWNER Sam H. ... Address STATE ENGINEER

Driller Robert ... Address ...

Date Started 4-8-58 Date Completed 4-10-58

Location: Sec. 31 T. 22 R. 18 Sec. 9E7SE4

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

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other

Casing: 0 ft. to 100 ft. Type Steel Size 1 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: 40 feet.

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

Pumping water level 40 feet at 5 gal. per min.

How tested: Pump

Length of test 10 to 12 hours

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

Gravel Packing

(over)



File No. 311

T 22N R 48E

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

Declaration of Vested Groundwater Rights

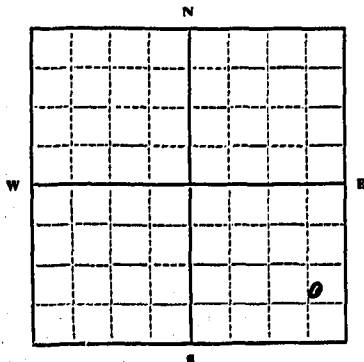
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

ISSUES

1. Marvin C. Strand, of Circle  
(Name of Appropriator) (Address) (Town)

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



SF 1/4 SE Sec 36 T22 R48

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. HUMAN

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5-10 gal mins

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. 45.20 for garden

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

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

8. The depth of water table. 25 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. round barn casing steel

10. The estimated amount of groundwater withdrawn each year. 225,000 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. None

Signature of Owner Marvin C. Strand

Date 12/26/63

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

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

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

36282

DOC. NO. 127062

WATER WELL LOG FILE NO. 311

MARVIN C. STRAND

TO  
THE PUBLIC

STATE OF MONTANA )  
                          )SS.  
COUNTY OF MCGONEE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of December 1963, A.D.  
at 4:00 o'clock p.m.

*Henry L. Papp*  
COUNTY CLERK

FEE \$ 2.00

01

File No. 312

T22N R48E

DUPLICATE

County M. Cone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

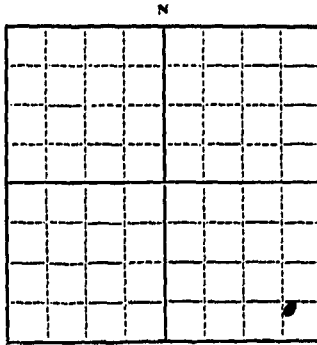
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

RECORDED

1. Marvin C. Strand of Wich  
(Name of Appropriator) (Address) (Town)  
County of M. Cone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SP. 1/4 SE, Sec 36, T22, R48

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 4 Stock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5-10 gal 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 NONE

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

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

8. The depth of water table 25 ft.

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

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

Signature of Owner Marvin C. Strand

Date 12/26/63

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

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

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

DOC. NO. 127063

WATER WELL LOG FILE NO. 312

MARVIN C. STRAND


TO

THE PUBLIC

STATE OF MONTANA )  
COUNTY OF MOOSE ) SS.

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of December 1963, A.D.  
at 4:05 o'clock p.m.

  
.....  
COUNTY CLERK

FEE \$ 2.00





02N-49E

County McCONE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

MARCH 29 1973

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

Developed after January 1, 1962

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

(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 ROBERTSCHACK

Address WIDA MOUNT

Date well started 11-2-70

completed 11-4-70

Type of well DRILLED

Equipment used FLURN DRILL

Water Use: Domestic  Municipal  Stock  Irrigation

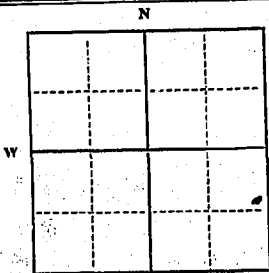
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	25' 6"	0	27	7/16"	34'	42'
	42' 5"	0	42	1/4"		
	PARASITIC					



NE 1/4 SE 1/4 Sec. 8  
T. 22. (N) R. 49. (E)  
S. W

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

Driller's Signature Daniel G. Haggerty

Driller's Address Lindsay, Mont. 57339

LICENSE NO. L3

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	2	TOP SOIL
2	10	USUAL CLAY
10	20	VERY SOFT CLAY
20	40	YELLOW CLAY
40	42	SAND & GRAVEL 1/2"

42' Show exact depth of bottom

Doc. #141182

Water Well Log File #726

State of Montana }  
County of McCone }

Office of Clerk and Recorder.

Filed this 29th day of

March, A. D. 1923

at 9:15 o'clock A. M.

*Alvin Brennan*  
Clerk and Recorder

By *Mary C. Kuebler*  
(Deputy)

Fee \$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 428

T. 22 N. R. 49 E

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

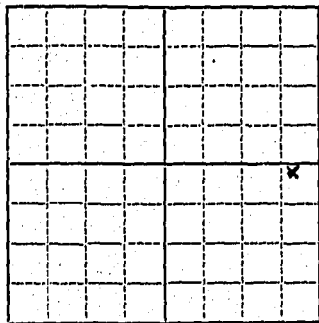
RECEIVED  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Arthur O. Sorley, of Vida  
(Name of Appropriator) (Address) (Town)  
County of McCone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 8 T. 22 N. R. 49 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 Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. CONTINUOUS SINCE NOV. 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) one gallon 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. This Well developed into a flowing well and flows at the rate of one gallon per minute

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Nov. 1958

8. The depth of water table. 36 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. This well is 36 ft. Deep Has four inch casing with a 3/4 inch pipe leading from casing to a Stock water Tank. This well also has a pump with 18 ft. of well pipe used for Domestic and other uses.

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

11. The log of formations encountered in the drilling of each well if available. 7 ft. yellow clay and light soil - 8 ft. of sand - and 2 ft. of Gray and Blue Clay or Shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No Record

Signature of Owner Arthur O. Sorley  
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. NO. 127187

WATER WELL LOG FILE NO. 428

ARTHUR O. SORLEY

TO

THE PUBLIC

STATE OF MONTANA )  
COUNTY OF McCONE )

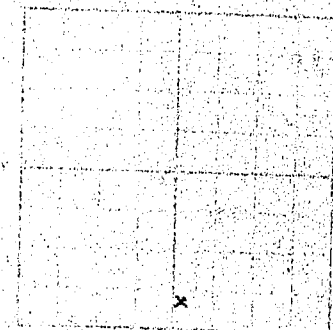
OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.  
at 1:30 o'clock p.m.

*Arthur O. Sorley*  
COUNTY CLERK

FEE: \$2.00

RECORDED  
STATE ENGINEER



*Handwritten notes and signatures on the right side of the document, including 'MAY 1964' and other illegible text.*

T. 22 R. 49 10  
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED  
JAN 4 1962

STATE ENGINEER  
WATER WELL LOG Natural Spring


Owner Arden Thelbrough - Lease  
Peterson Estate Address Circle

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started 1915 Date Completed \_\_\_\_\_

Location: Sec 10 T 22 R 49 + Sec NW1/4

Type of Well Spring Equipment Used \_\_\_\_\_  
(Dug, driven, bored, or drilled) (Ghurn 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: \_\_\_\_\_ feet

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

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

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

Never Bored dug out with back hoe &  
pipel to pond about 30 ft.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		123414
		Water Well Log # 158
		State of Montana } ss. County of McCone
		Office of Clerk and Recorder.
		Filed this 29th day of
		December A. D. 1961
		at 2:36 o'clock P. M.
		<i>[Signature]</i> Clerk and Recorder
		By <i>[Signature]</i> Deput
		Fee None.

T 22 R 49  
County McCone

*10*

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED  
JAN 4 1962

WATER WELL LOG

STATE ENGINEER

Owner Natural Spring  
Arden Hedrick Address Circle

Driller \_\_\_\_\_ Address \_\_\_\_\_

Date Started Aug Oct 1918 Date Completed \_\_\_\_\_

Location: Sec 10 T 22 R 49 & Sec NENE


Type of Well Spring 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: \_\_\_\_\_ feet

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

Pumping water level \_\_\_\_\_ feet at 3 gal. per min \_\_\_\_\_

How tested: \_\_\_\_\_

Length of test \_\_\_\_\_

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

Bored in + piped to tank (200 ft)

(over)







NOV 3 1971

214 3E

02

STATE OF MONTANA  
STATE PUBLISHING COMPANY

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

County McCone

**DRILLER'S LOG**

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

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Dan Hinaland

Address Brookway, Montana

Date well started 9/23/71

completed 9/27/71

Type of well drilled

Equipment used cable tool

Water Use: Domestic  Municipal  Stock  Irrigation

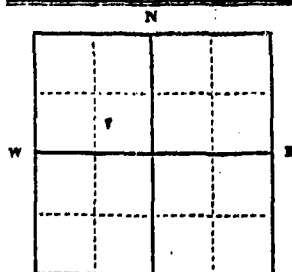
Industrial  Drainage  Other  Garden/Lawn

\*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).

**ESTIMATED ANNUAL WITHDRAWAL**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6 1/2 ID	0	24	none		
5 5/8	4" ID plastic	0	171	3/16	162	170



Static water level 120 ft.\*  
Pumping water level 144 ft.\*  
at 4 gallons per minute,  
measured 2 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by bailer  
for 4 hours,  
Power 600 Pump          HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) GRAVEL PACKED

S 5 E 2  
N 1/4 N.W. Sec. 21  
T. 29 N. R. 43 E 5  
W

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

Driller's Signature R. L. C. Bond

Driller's Address Terry, Montana

LICENSE NO. 37

171 Show exact depth of bottom

19304

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	top soil
1	10	yellow clay
10	23	gravel
23	25	rock
25	32	gumbo
32	33	water sand
33	49	gumbo
49	52	coal
52	74	gumbo
74	76	rock
76	106	bentinite
106	107	rock
107	116	bentinite
116	122	coal
122	136	bentinite
136	144	bentinite & sand
144	148	bentinite
148	152	gumbo & sand
152	156	sand
156	164	gumbo
164	171	water sand 13 gpm

138706

WATER WELL LOG FILE #700

State of Montana } ss.  
County of McCone }

Office of Clerk and Recorder.

Filed this 1st day of  
November, A. D. 1971  
at 8:00 o'clock A. M.

*Alvin L. Brennan*  
Clerk and Recorder

By *Mary L. Kuckler*  
Deputy

Fee \$2.00



GW 2

File No. 612

T. 21 N. R. 44

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER NOV 4 1964

RECEIVED

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

(Under Chapter 237, Montana Session Laws, 1961)

0	Top of Ground (Elev. above sea level <u>2300</u> )
30	Drift
74	Grey
78	Coal
84	Grey
102	Rock
128	Grey
131	Grey Sand
150	Grey
162	Dark
167	Sand
178	Sand (Water)

Owner Arden Hudiburgh Address Circle, Montana

Driller Boone Whitmer & Sons Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater Sept. 19, 1964

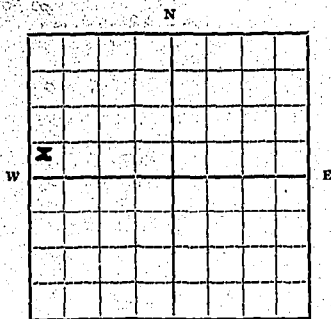
Date well started September 14 Date Completed Sept. 19, 1964

Type of well Drilled Equipment Used Cable Tool  
(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-inch	5" ID 14#	0	158			



SW 1/4 NW Sec. 1 T. 21 N. R. 44  
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 70 feet

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 110 feet at 8 gal. per minute

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

How Tested Bailer Length of Test 2 hours

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

acres irrigated, if used for irrigation) \_\_\_\_\_

Gravel Screen 150ft to 178 feet

83  
Driller's License Number

[Signature]  
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.

38621

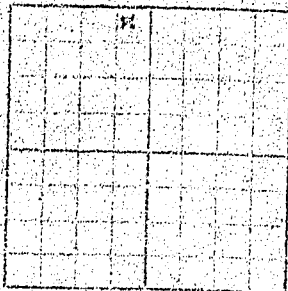
128428

DOC. NO.

WATER WELL LOG FILE NO. 612

ARDEN HUDIBURGH

THE PUBLIC



STATE OF MONTANA )  
COUNTY OF McCONE )

The within instrument was filed for  
record on October 30th, 1964, at 12:40  
o'clock p.m.

*[Signature]*  
County Clerk & Recorder

Fee \$ 2.00

Area	12	8	12	8
Area	6	4	6	4
Area	6	4	6	4
Area	6	4	6	4
Area	6	4	6	4
Area	6	4	6	4

Original to the County Clerk and Recorder...  
Also number of sheets... if not applicable, so indicate...  
to be of the county in which the well is located...  
to be to be indicated by grid and show depth of well...

How tested...  
Inspected on the part of...  
Arden Hudiburgh...  
Public...  
Arden Hudiburgh...  
Public...

This instrument shall be...  
The County Clerk and Recorder...  
This instrument shall be...  
The County Clerk and Recorder...

GW2

File No. 61st

T. 21 R. 44

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 20 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

- 0 Top of Ground (Elev. above sea level 2200)
- 30 Drift
- 32 Rock
- 58 Grey
- 60 Black
- 68 Grey
- 91 Coal
- 112 Grey
- 137 Grey
- 140 Rock \*
- 160 Water Sand

Owner Arden Hudiburgh Address Circle, Montana

Driller Boone Whitmer & Sons Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater November 5, 1964

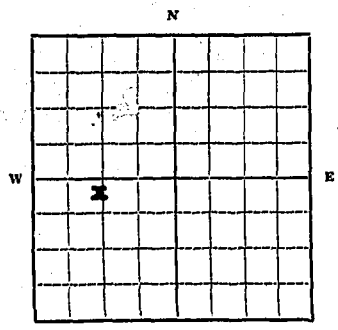
Date well started Oct. 30, 1964 Date Completed November 5, 1964

Type of well Drilled Equipment Used Cable Tool  
(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" ID	5 1/2" OD 15#	0	144'			



SW 1/4 Sec. 4 T. 21 R. 44

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 75 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 140 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Blower Length of Test 1/2 day

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)

Gravel Screen 140' to 160'

83  
Driller's License Number

*Boone Whitmer*  
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.

38673

128471

Water Well Log #614.  
State of Montana }  
County of McCone } ss.

Office of Clerk and Recorder

Filed this 9th day of

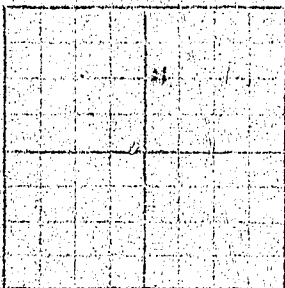
November A. D. 1904.

at 1:00 o'clock P. M.

*Henry D. Dyer*  
Clerk and Recorder

By Deputy

Fee \$2.00



Depth	Time	Remarks	Water	Temperature	Direction	Current	Force
0							
10							
20							
30							
40							
50							
60							
70							
80							
90							
100							

When possible, please and mention the exact place in the well  
 the water is obtained. If the water is obtained from the  
 surface, state the quantity and the exact place where it  
 is obtained.

See Guaranties for the water  
 subject to the County Clerk and Recorder  
 before water is distributed  
 located in the county of  
 this form to be preserved



Form 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No. 497

T. 21 N. R. 44 E

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

ISSUED

Date of Appropriation of Groundwater Nov 1947

Owner Edward Paine Address Circle, Mont.

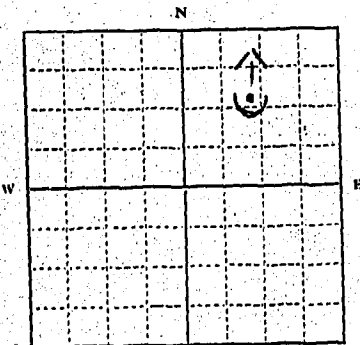
Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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

sub-irrigation 6" to 8' deep  
evacuations



SW NE Sec. 8 T. 21 R. 44 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 year

around use will water  
5000 plus ewes daily during  
dry period of year

Signature of Owner Edward Paine

Date 12-31-63

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.

36468

DOC. NO.

127256

WATER WELL LOG FILE NO. 497

EDWARD PAINE

TO

THE PUBLIC

STATE OF MONTANA )  
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:40 o'clock, a.m.

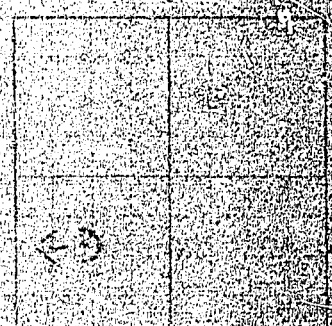
*Edward Paine*  
COUNTY CLERK

FER: \$2.00

RECEIVED  
JAN 1 1964

ENGINEER

Notice of completion of County of McCone Water Well Log File No. 497



*WATER WELL LOG FILE NO. 497*  
*EDWARD PAINE*  
*127256*

GW 2

File No. 613

T. 21 N R. 14 E 11

DUPLICATE

County...  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER NOV 4 1964

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground  
(Elev. above sea level... 2300...)

Drift  
Grey  
Dark Blue  
Rock  
Dark  
Sand (Water)  
Coal

Owner Stella M. Paine Address Circle, Montana

Driller Boone Whitmer & Sons Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater October 24, 1964

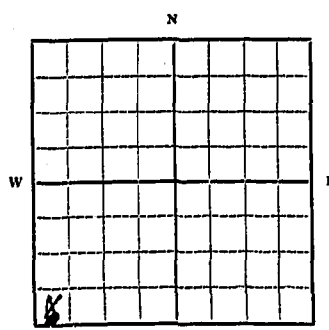
Date well started October 21 Date Completed Oct. 24, 1964

Type of well Drilled Equipment Used Cable Tool  
(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-inch	5" ID 14#	0	75			



SW 1/4 Sec. 11, T. 21 N, R. 14 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 40 feet.

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

Pumping Water Level 750 feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 3 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) .....

Gravel Screen 73 ft to 93 feet

83  
Driller's License Number  
Boone Whitmer  
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.

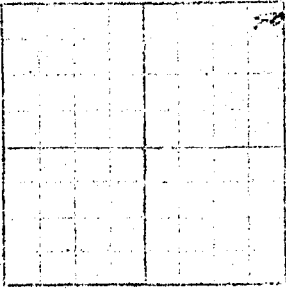
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

38622

DOC. NO. 128429

WATER WELL LOG FILE NO. 613



STELLA M. PAINE

TO  
THE PUBLIC

STATE OF MONTANA )

) SS

COUNTY OF McCONE )

The withing instrument was filed for record on October 30th, 1964, at 12:45 o'clock p.m., and is duly filed.

*Dwight E. Sigal*  
County Clerk & Recorder

FEE \$ 2.00

Area	0	33	100
Acres			
Section			
Range			
Meridian			

Water-bearing strata are thought to underlie the water table in the area... this may apply to drilling such as for oil, gas, water, etc. The distance on the diagram the distance from the center of the circle...

GW

File No. 594

T 21 N R 44  
County Spreone

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

FEB 10 1964

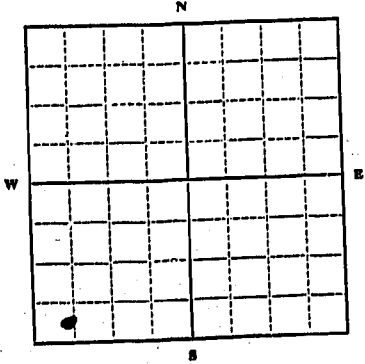
RECEIVED

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

154532

1 Stella M. Paine of Circle Mont  
(Name of Appropriator) (Address) (Town)

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



S. 21. 1/4 S. 12. Sec. 11. T. 21. R. 44

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

- The beneficial use on which the claim is based Domestic Stock raising irrigate garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960
- The amount of groundwater claimed (in minor inches or gallons per minute). 5 gals. Per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden & Lawn
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump with Electric Motor
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1960
- The depth of water table. 100 ft.
- 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. 4 in. diam. casing length 155 feet
- The estimated amount of groundwater withdrawn each year. 1,092,000 gals.
- The log of formations encountered in the drilling of each well if available. not available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No record.

Signature of Owner Stella M. Paine  
Date Jan. 28. 1964

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

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

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

34856

Doc. No. 127475

Water Well Log # 592.

Stella M. Paine

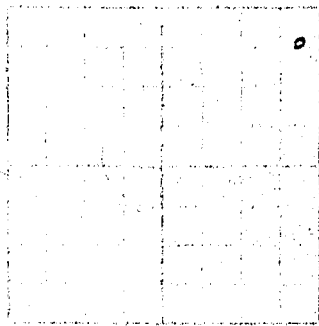
TO

The Public

State of Montana

County of McCone

ss



OFFICE OF COUNTY CLERK & RECORDER

Filed this 29th day of January, 1964.

A. D., at 8:30 A. M.

*Henry E. Dugal*  
County Clerk

Fee: \$2.00

114 1964

CIVIL ENGINEER

FEB 10 1964

RECORDED

GW

File No. 350

T. 21 N 44 E 13

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

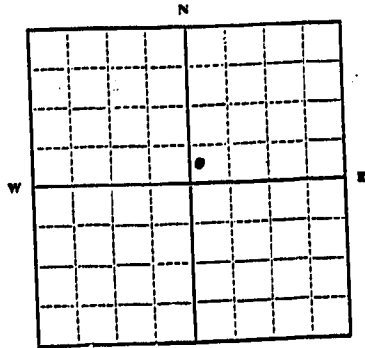
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carstein Vella, of Lucile (Name of Appropriator) (Address)  
County of McCone State of Montana (Town)

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



SW 1/4 NE 1/4 Sec. 13 T. 21 R. 44

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

- The beneficial use on which the claim is based. Stockwell.
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1953
- The amount of groundwater claimed (in miner's inches or gallons per minute). 2 to 3 gallons per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. NO.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump & engine.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1953.
- The depth of water table. 2 feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 2 1/2 pipe - 14 feet deep.
- The estimated amount of groundwater withdrawn each year. 50,000 gallons yearly.
- The log of formations encountered in the drilling of each well if available. Log Not Available.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. NO RECORD

Signature of Owner Carstein Vella  
Date Dec. 27, 1963.

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

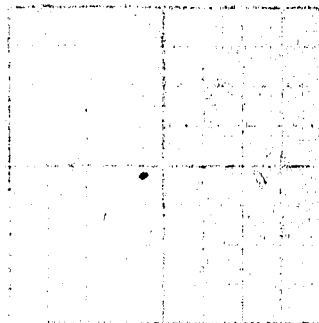
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

127101

DOC. NO.

WATER WELL LOG FILE NO. 350



210  
 12-27-63  
 11:05  
 11

CARSTEN VOLLA

TO

THE PUBLIC

STATE OF MONTANA )

)SS.

COUNTY OF McCONE.)

OFFICE OF COUNTY CLERK & RECORDER.

Filed this 27th day of Dec. 1963, A.D.  
at 11:05 o'clock a.m.

*Henry E. Taylor*  
 COUNTY CLERK

FEE \$ 2.00

RECEIVED  
 JAN 1 1964

CIVIL ENGINEER



GV

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 499

T. 21 N R. 44 E 16

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

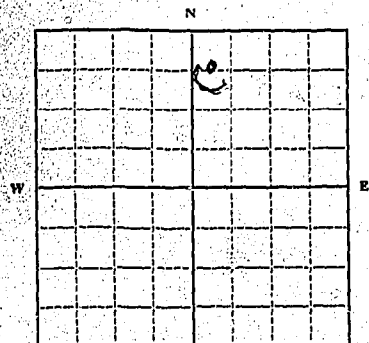
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Edward Paine of Circle  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NE 1/4 16 S  
Sec. T21 R44

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... May 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 8 gals 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... None

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

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

8. The depth of water table... 10 Feet for surface 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... 20 Feet deep Hand dug 6 ft. round thru sandstone

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

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 Edward Paine

Date 12-31-63

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

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

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

36470

DOC. NO.

127258

WATER WELL LOG FILE NO. 499

EDWARD PAINE

TO

THE PUBLIC

STATE OF MONTANA )  
                          )SS  
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER

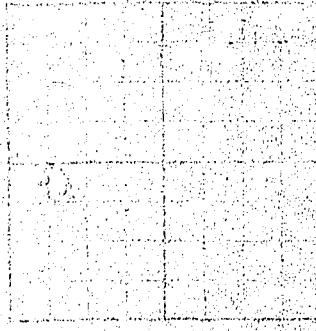
Filed this 31st day of Dec., 1963 A.D.  
at 8:42 o'clock, a.m.

3  
FEE: \$2.00

COUNTY CLERK

RECORDED  
JAN 1 1964

PRIVATE ENGINEER



WATER

FILE

WATER

WATER

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WATER

WATER

16

File No. 498

T. 21 N. R. 44E

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov 1947

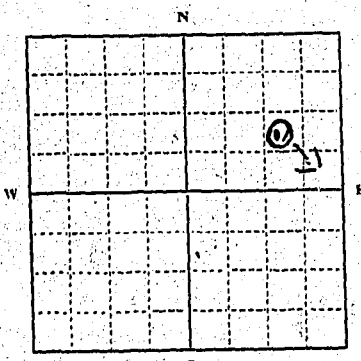
Owner Edward Paine Address Circle Mont

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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



SE 1/4 NE 1/4 Sec. 16 T. 21 N. R. 44E  
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 year  
around use Will water 3000  
plus Ewes daily during during  
dry period of year

Signature of Owner Edward Paine

Date 12-31-36

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.

DOG. NO.

127257

WATER WELL LOG FILE NO. 498

EDWARD PAIBE

TO

THE PUBLIC

STATE OF MONTANA )  
COUNTY OF McCONE )

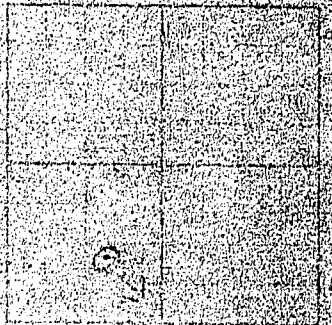
OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:41 o'clock, a.m.

*Edward Paibe*  
COUNTY CLERK

FEE: \$2.00



*[Faint, mostly illegible text and stamps, including 'RECORDED', 'INDEXED', and other official markings.]*

GW

Approved Stock Form—State Publishing Co., Helena, Montana—1956

File No. 500

T. 21 N R. 44

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

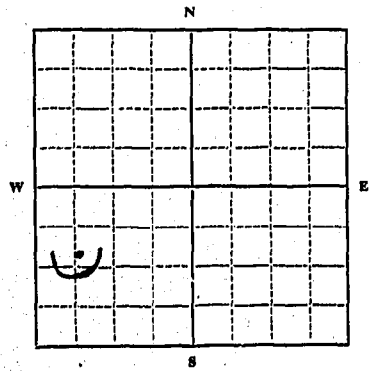
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Edward Paine of Circle  
(Name of Appropriator) (Address) (Town)  
County of McCone State of Mont

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



NW 1/4 SW 1/4 Sec. 23 T. 21 N R. 44

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 Sept 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gals 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 None

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

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

8. The depth of water table 80 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4" Case 119 140 feet deep

10. The estimated amount of groundwater withdrawn each year 800,000 gals.

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 Edward Paine

Date 12-31-63

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

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

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

36471

DOC. NO. 127259

WATER WELL LOG FILE NO. 500

EDWARD PAINE

TO

THE PUBLIC

STATE OF MONTANA )  
                          )SS  
COUNTY OF McCONE )

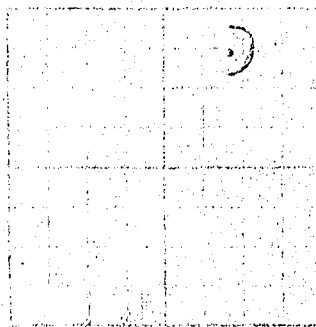
OFFICE OF COUNTY CLERK & REC'DER

Filed this 31st day of Dec., 1963 A.D.  
at 8:43 o'clock, a.m.

*Henry E. Paine*  
COUNTY CLERK

FEE: \$2.00

STATE ENGINEER  
JAN 1 1964



MAN 2/1/73 31/11/11

Bank and well

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 349

T. 21 N R. 44

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

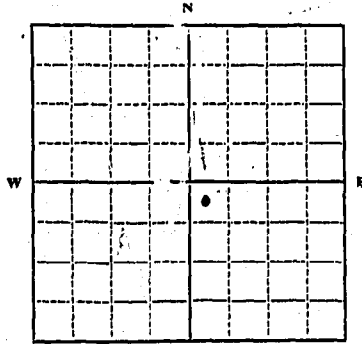
RECEIVED  
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Carstien Valla of Circle  
(Name of Appropriator) (Address) (Town)  
County of McCone State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE 4 Sec. 24 T. 21 R. 44

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. Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1913.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5-10 gallons Per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. no.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump-Engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1913.
8. The depth of water table. 60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 100 feet. casing - 2 1/2 inch size.
10. The estimated amount of groundwater withdrawn each year. 150,000 gallons.
11. The log of formations encountered in the drilling of each well if available. Log Not Available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Carstien Valla  
Date Dec. 27, 1963

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

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

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

127160

DOC. NO.

WATER WELL LOG FILE NO. 349

CARSTEN VOLLA

TO

THE PUBLIC

STATE OF MONTANA )  
                          )SS,  
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER.

Filed this 27th day of Dec. 1963, A.D.

at 11:00 o'clock a.m.

*Henry E. Sigal*

COUNTY CLERK

FEE \$ 2.00

RECEIVED  
DEC 27 1963

STATE ENGINEER

127160  
DEC 27 1963  
FILED



OW 3

Approved Stock Form—State Publishing Co., Helena, Montana—4219

File No. 496

T. 21N R. 44E 35

DUPLICATE

County McCone

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 16 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Nov 1947

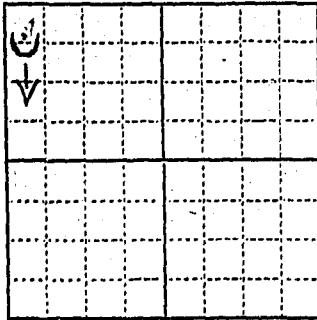
Owner Edward Paine Address Circle, Mont.

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow and sub-irrigation 6" to 8" deep excavations



Indicate point of appropriation and place of use, if possible.  
NW 1/4 NW 1/4 Sec. 35, T. 21 N., R. 44 E.

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 year  
around use Will water  
2000 plus FWS daily during  
dry period of year

Signature of Owner Edward Paine

Date 12-31-63

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.

36467

DOC. NO. 127255

WATER WELL LOG FILE NO. 496

EDWARD PAINE

TO

THE PUBLIC

STATE OF MONTANA )  
COUNTY OF McCONE )

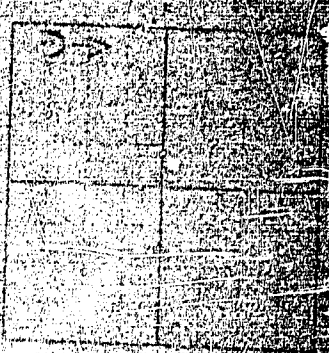
OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.  
at 8:39 o'clock, a.m.

*Edward Paine*  
COUNTY CLERK

FEE: \$2.00

Notice of Completion of Construction of  
WATER WELL LOG FILE NO. 496



ENGINEERS