

RECEIVED

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 272294

April 29, 1973

GW 1 11-26-1973

				X	X
					X

SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 3

T. 27 N R. 17 E

S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

- Owner Earl Weaver
- Address Big Sandy, Montana 59520
- Contractor (if any) none
- Address of Contractor
- Date Started 1958 Date Completed 1958
- Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 3 - developed spring
in the 40 acre tract - w/pipe and tanks
 - Means of withdrawing water (gravity, pump, canal, etc.) gravity
 - Depth of water table
 - Use of the water stock water
 - Amount of groundwater claimed (in miner's inches or gallons per minute) each spring flows 2 gals. of water
per minute
 - If used for irrigation, give number of acres and description of land none
 - Estimate amount of water used each year
 - Months of year spring flows year around

Signature of Owner Earl Weaver

Date June 28 1973

54870

272294

272294

STATE OF MONTANA }

County of Blaine }

Filed for record this 29th Day

of June A. D. 19 23

At 11:26 O'Clock P. M.

County Clerk

Sandra Lenhardt C.

Deputy

Fee 2.00

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

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

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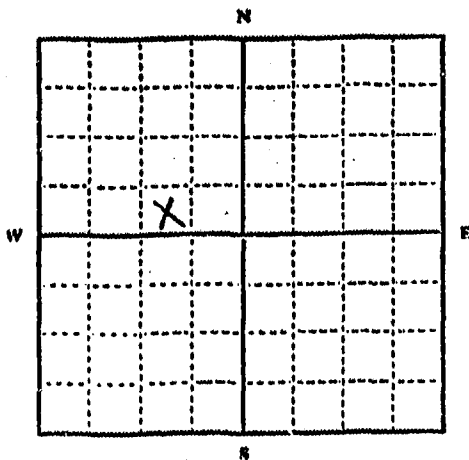
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 272295

June 29, 1973

GW 1 11:28 A.M.



SE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 3

T. 27 N R. 17 E
S W

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

Elevation of spring, if known or estimated

Owner Earl Weaver

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor

Date Started 1958 Date Completed 1958

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) develolped spring w/pipe and tank

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

3. Depth of water table

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 1 gal per minute

6. If used for irrigation, give number of acres and description of land none

7. Estimate amount of water used each year

8. Months of year spring flows year around

Signature of Owner Earl Weaver

Date June 28 1973

272295

STATE OF MONTANA }
County of Blaine }

Filed for record this 29 day
of June A. D. 19 73
at 11:38 O'clock A M.

County Clerk
Sandra Leland
Deputy
Fee 2.00

County Flaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

For Administrator's Use

File 22891

June 29, 1973

GW 1 2-33p.m.

Owner Gregory J. Henderson & Elaine Henderson

Address Big Sandy, Montana

Contractor (if any) none

Address of Contractor none

Date Started 1963 Date Completed 1963

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

spring w/ pipe and holding pipes

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

gravity

3. Depth of water table

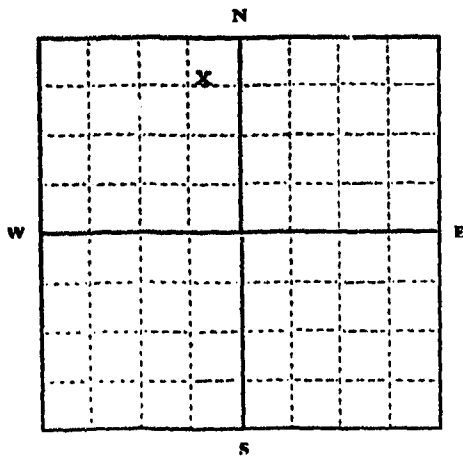
4. Use of the water stock water and domestic

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

6. If used for irrigation, give number of acres and description of land none at present

7. Estimate amount of water used each year

8. Months of year spring flows year around



NE $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 34

T. 27 N R. 17 E
S W
X

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated

Signature of Owner Gregory J. Henderson
Elaine Henderson

Date June 27, 1973

54878

272311

STATE OF MONTANA }
County of Blaine }
Filed for record this 29 Day
of June A. D. 19 73
At 2:53 O'Clock P M.

County Clerk
Dandra Lenhardt
Deputy
Fee 2.00

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1963

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

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

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

For Administrator's Use

File 212312

June 27, 1973

GW 1 2-34 p.m.

Owner Gregory J. Henderson & Elaine Henderson

Address Big Sandy, Montana

Contractor (if any) none

Address of Contractor

Date Started 1970 Date Completed 1970

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) dugout developed
spring w/pipe and tank

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

3. Depth of water table

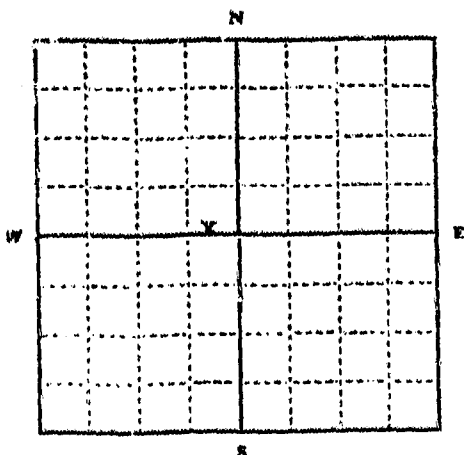
4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 2 gals per minute

6. If used for irrigation, give number of acres and description of land none

7. Estimate amount of water used each year

8. Months of year spring flows year around



SE 1/4 NW 1/4 Sec. 34

T. 27 N R. 17 E
S W

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

Elevation of spring, if known or estimated

Signature of Owner Gregory J. Henderson
Elaine Henderson

Date June 27, 1973

54879

272312

STATE OF MONTANA
County of Blaine

Filed for record this 29 Day
of June A. D. 19 93
At 2:34 O'Clock P M.

Landra Lenhardt County Clerk
Deputy

Fee 2.00

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 27 NORTH Rge. 16 EAST

[illegible]

File No. FEB 17 1963T. 27 R. 18

DUPLICATE

Butcher M. D. SmithCounty BlaineCoyte Merton

STATE OF MONTANA

Darlington ADMINISTRATOR OF GROUNDWATER CODEDickert OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

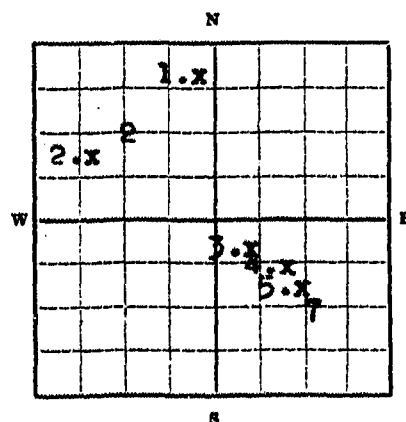
Date of Appropriation of Groundwater about 1900 *George C.Owner Frances E. Read Address Lloyd, Montana

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. Natural springs.* This notice is filed as a declaration of vested groundwater rights. Use described started in early homestead days and has been continuous since.

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.

(1.) NE 1/4 NE 1/4 Sec. 2 T. 27 R. 18

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

(2.) NE 1/4 SW 1/4 2 27 18(3.) NW 1/4 NW 1/4 7 27 18(4.) SE 1/4 NW 1/4 7 27 18(5.) SE 1/4 NW 1/4 7 27 18Flow 5 gals./min. (Estimated using bucket.)Flow 10 gals./min. (Estimated using bucket.)Flow 6 gals./min. (Estimated using bucket.)Flow 8 gals./min. (Estimated using bucket.)Flow 2 gals./min. (Estimated using bucket.)Signature of Owner Frances E. ReadDate 12-26-63

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 School of Mines and Quadruplicate for the Appropriator.

1/27/69

257668

257668

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 15 DAY
OF Feb A. D. 1966
AT 4:03 O'CLOCK P. M.
Cora L. Mangum
COUNTY CLERK
Arthur Sheets
DEPUTY
REC 2

File No.

T. 27 R. 18 E

DUPLICATE

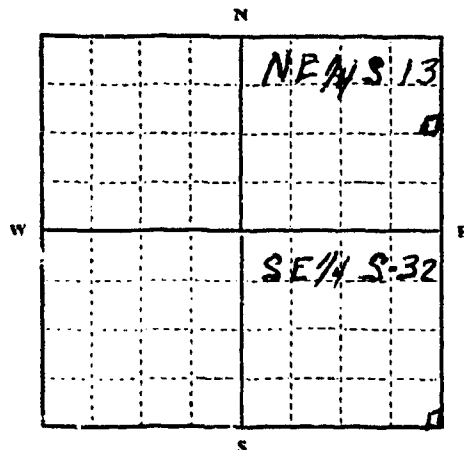
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul J. Moore, of Lloyd,
(Name of Appropriator) (Address) (Town)
County of Blaine, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. ¹³ 32, T. 27 R. 18 E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

□ = well

2. The beneficial use on which the claim is based. Water for Domestic and Livestock Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1935 and continuous since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gal per minute for each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric suction pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1935
8. The depth of water table. 20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Not available. Hand dug well to a depth of 20 ft
10. The estimated amount of groundwater withdrawn each year. 35,000 gal from each well
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 available

Signature of Owner

Date Dec 26th 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.

21905

252062

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 8:15 O'CLOCK A M.
Cora L. Maguire
COUNTY CLERK
Esther Shub
DEPUTY
FEE 2.00

File No.

T. 27 R. 18-E

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1936

Owner Paul J. Moore Address Lloyd, Montana

Contractor (if any) Self

Address of Contractor Same

Date Started 1936 Date Completed 1936

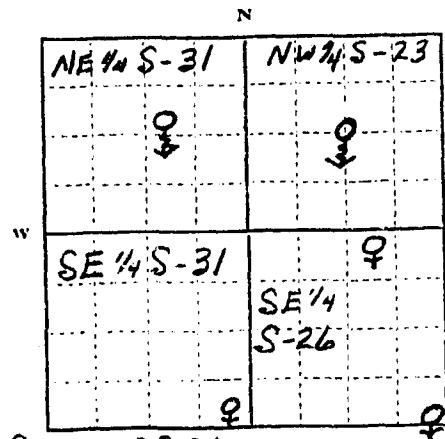
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Springs were developed by excavating to a depth of 3 to 6 ft. Water was piped from spring into tanks for livestock. It has been in continuous use since 1936.

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. Each spring develops about 5 gal water per minute. It has been in continuous use since 1936.

Signature of Owner Paul J. Moore

Date Dec 26 1963



Sect 31, 28, 26

1/4 Sec. T27. R18.

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

Donates Spring
Point of appropriation and use are the same

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.

252061

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 2:15 O'CLOCK P. M.
Carl R. Musgrave
COUNTY CLERK
Esther Sheb
DEPUTY
PER 2

JW 3

File No.

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—11193

26-158
RECEIVED
JAN 6 1964
County

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 Dec 28, 1963

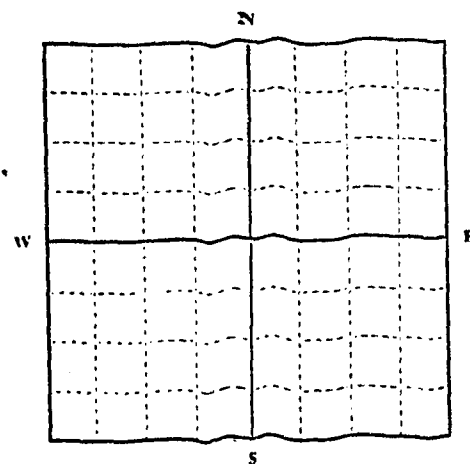
Owner Alice Mainard Address Floyd, Mont.

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. Spring by natural Process



..... 1/4 Sec. T. R.

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 12 months

Signature of Owner Alice Mainard

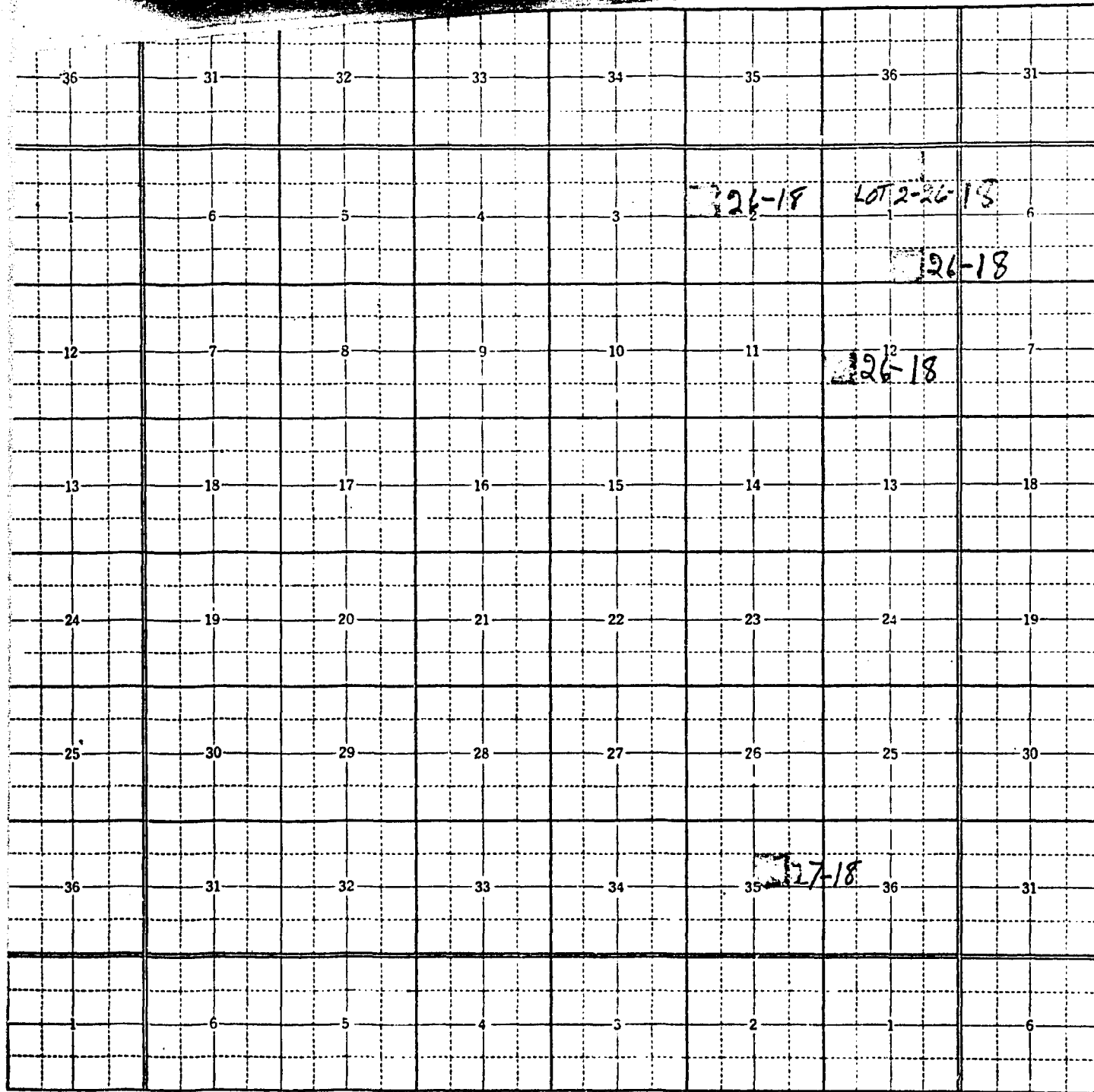
Date Dec 28, 1963

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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.



WILLIS SALES CO. BILLINGS, MONT.

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.

252048

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 30 DAY
OF December A. D. 1963
AT 3:40 O'CLOCK P. M.
Car. L. Musgrave
COUNTY CLERK

FRZ _____ DEPUTY

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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For Administrator's Use

File 272369

June 29, 1973

GW 1 3:30 p.m.

Owner WALTER SIVERTSEN

Address Lloyd, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started _____ Date Completed early homestead days

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

developed springs

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

gravity

3. Depth of water table unknown

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Spring No. 1, 15 g/p/m;

Spring No. 2, 15 g/p/m; Spring #3 25 g/p/m

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

7. Estimate amount of water used each year _____

unknown

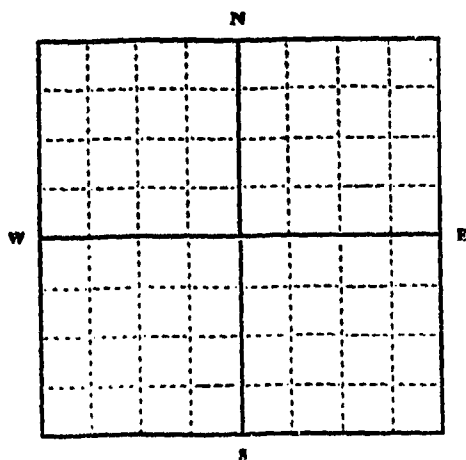
8. Months of year spring flows _____

all springs flow entire year

Signature of Owner Walter Sivertsen

June 29, 1973

Date _____



* See Exhibit "A"

_____ 1/4 _____ 1/4 Sec.

T. _____ N R. _____ E
S W

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

Elevation of spring, if known or esti-

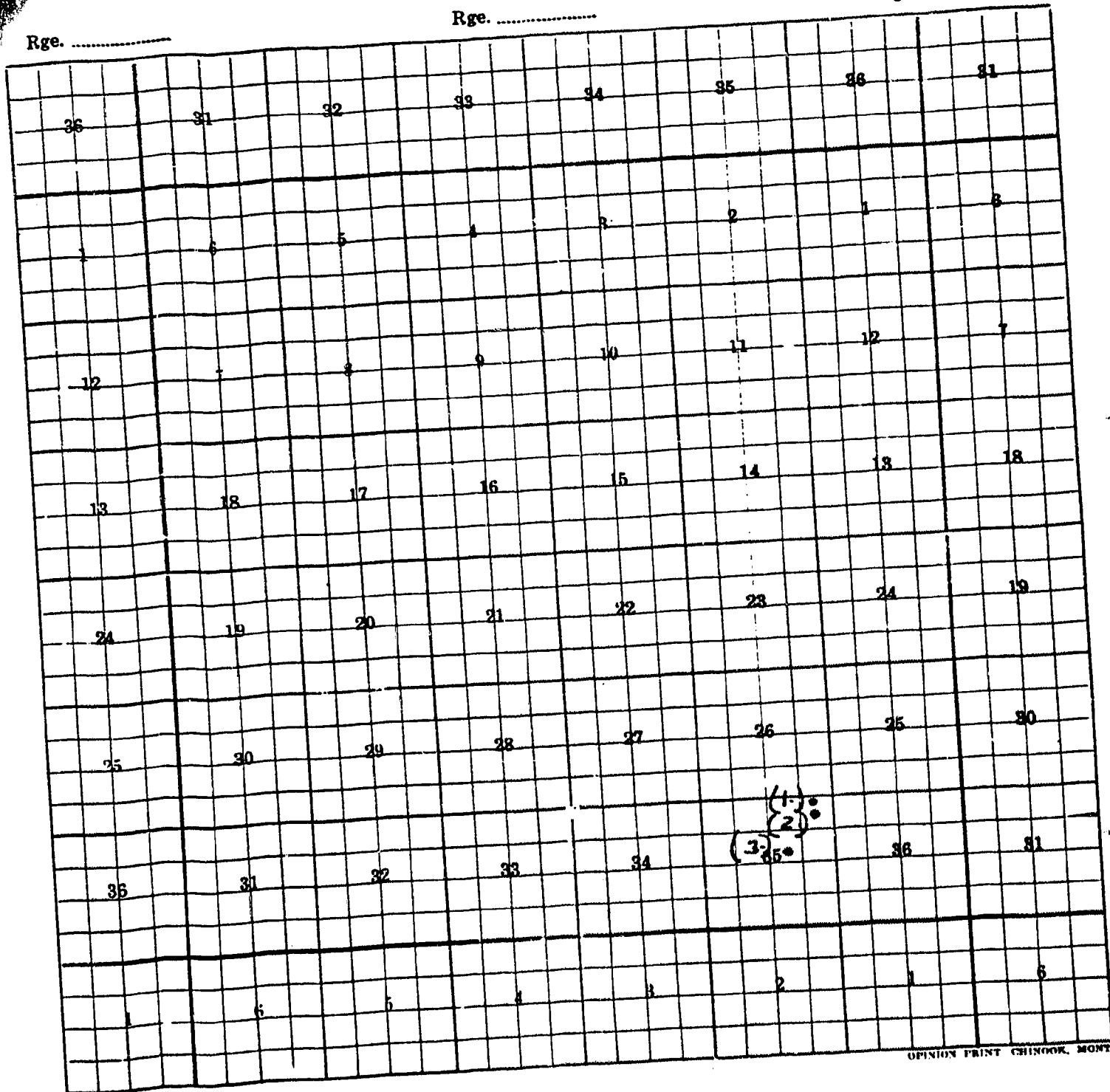
mated _____

54857

Township No. 27 North Range No. 18 East Meridian

EXHIBIT "A"
Rge.

Rge.



OPINION PRINT CHINGOK, MONT.

MEMORANDUM

Spring #1 is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 35, Township 27 North, Range 18 East

Spring #2 is located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 35, Township 27 North, Range 18 East

Spring #3 is located in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 35, Township 27 North, Range 18 East

272369

STATE OF MONTANA }
County of Blaine }

Filed for record this 29 Day
of June A. D. 19 23
At 3.52 O'Clock P M.

[Signature] County Clerk
Deputy

Fee _____

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 27 NORTH Rge. 19 EAST

[illegible]

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

For Administrator's Use

File 272361

June 29, 1973

GW 1 3:30 P.M.

N

W

E

S

*See Exhibit "A"

1/4 1/4 Sec.

T. N R. E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-
mated

Owner JOSEPH J. DUNBAR & GEORGE A. DUNBAR

Address Cleveland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started Date Completed early homestead days

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

3 developed springs

1 hand-dug well 20 ft deep and 3 ft wide

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

springs - gravity
well - pump

3. Depth of water table unknown

4. Use of the water Spring #1 & 2, stock water
well - domestic
Spring #3 stock water & irrigation

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) Spring #1, 47 g/p/m, #2, 11
g/p/m, Spring #3, 50 g/p/m, well, 15
g/p/m.

6. If used for irrigation, give number of acres and description
of land Spring #3, 15 acres located in
SE1/4NE1/4, Section 6, Township 27N,
Range 19 E.

7. Estimate amount of water used each year
unknown

8. Months of year spring flows
entire year

Signature of Owner 1/5 Joseph J. Dunbar George A. Dunbar

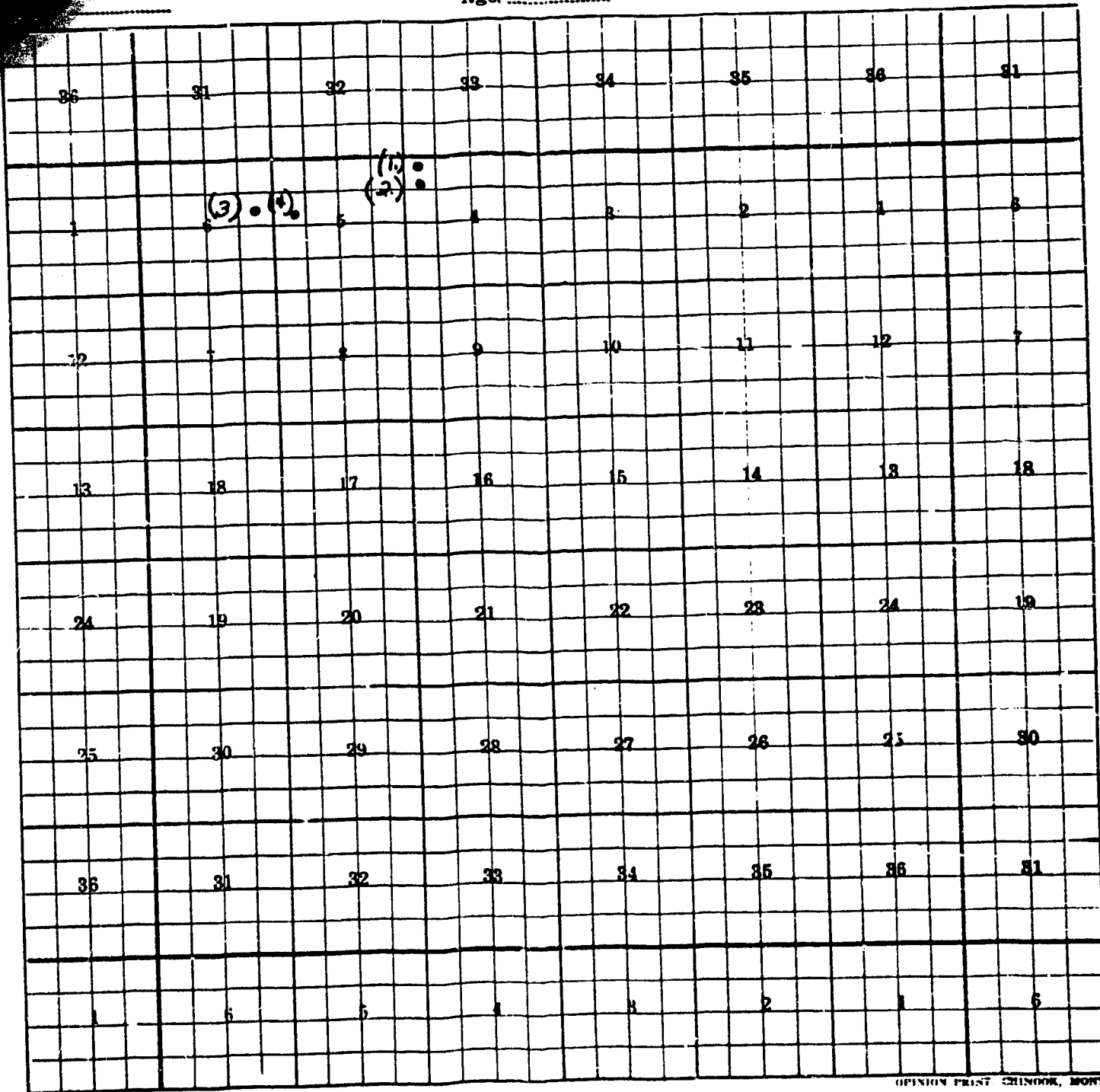
Date June 29, 1973

27 North Range No. 19 East Meridi

EXHIBIT "A"

Rge.

Rge.



MEMORANDUM

Spring #1, located in Lot 3, Section 4, Township 27N, Range 19E
Spring #2, located in Lot 6, Section 4, Township 27N, Range 19E
Spring #3, located in SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 6, Township 27N, Range 19E
Well, located in SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 5, Township 27N, Range 19E

272367

STATE OF MONTANA }
County of Blaine }

Filed for record this 29 Day
of June A. D. 1923
At 3:30 O'Clock P M.

County Clerk

Deputy

Fee _____

File No.

DUPLICATE

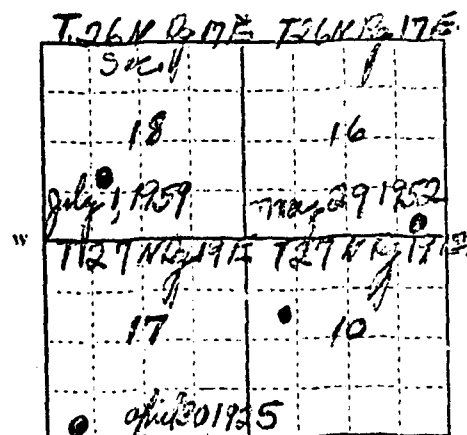
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 26 R. 17
County ...
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *stated on map*
Owner *Arthur E. M. Leish Co.* Address *Lloyd, Mont*
Contractor (if any)
Address of Contractor
Date Started Date Completed



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

natural

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.

continuous

..... 1/4 Sec. T. R.

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

Signature of Owner

Arthur E. M. Leish Co.
AE M Leish Co.
Date *Dec 31, 1963*

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

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

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

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

252125

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 3:15 O'CLOCK P. M.
Caro L. Musgrave
COUNTY CLERK

200

DEPUTY

File No. _____

T 27th R 19 E

News, Malta

TRIPLICATE M1-R-1356 - Camp Well

County Malta

Top of Ground

(Elev. above sea level 3,735)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

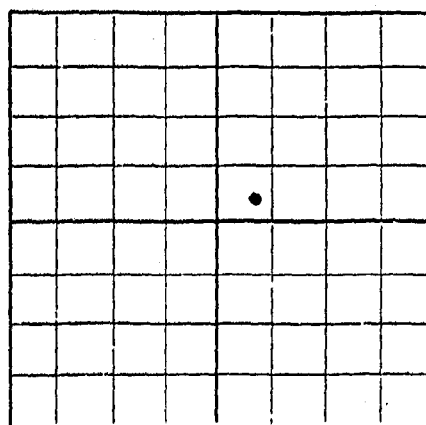
(Under Chapter 237, Montana Session Laws, 1961)

0 20 brown or vely clay
20 35 greenish shale
38 63 sandy brown shale
63 68 salt pepper sandstone
68 75 blue shale
75 90 dark shale
90 100 shaley sandstone
100 105 dark shale
103 105 blue shale
105 120 blue shale & sandstone
layers
120 160 volcanic rock

Owner Bureau Land Management Address Malta, MontanaDriller Sispeon Drilling Company Address Malta, MontanaDate of Notice of appropriation of ground water July 20, 1966Date well started June 22, 1966 Date Completed July 7, 1966Type of well drilled Equipment used churn(dug, driven, bored or
drilled) Churn, drill, rotary or
other)Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☒ camp

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,
cte. 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)
8	6 19 lb	0	160	torch 1/8 slots 6" long	63 90 105	68 100 120



SW 1/4 NE 1/4 Sec 17 T 27N R 19E
Indicate location of well and
place of use, if possible. Each
small square represents 10
acres.

Static Water Level for non-flowing well 38 feet.Shut-in Pressure for Flowing Well 130Pumping Water Level 4 1/2 feetat 4 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailerLength of Test 4

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 packed
and cement seal at surface

Show exact depth of bottom.

15

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 School of Mines and Quadruplicate for Appropriator.

42 553

260754

STATE OF MONTANA
County of Blaine

Filed for record this 20 Day
of November A. D. 1967

At 2:10 O'clock P. M.
Cara K. Mesquite
County Clerk

Esther Sheets
Deputy

For 22

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 22 1967

GROUNDWATER INDEX

Page 1 of 1

County BLAINE Twp. 27 NORTH Rge. 20 EAST

[illegible]

GW 2

File No.

DUPLICATE

T. 27 R. 20

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1963
STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

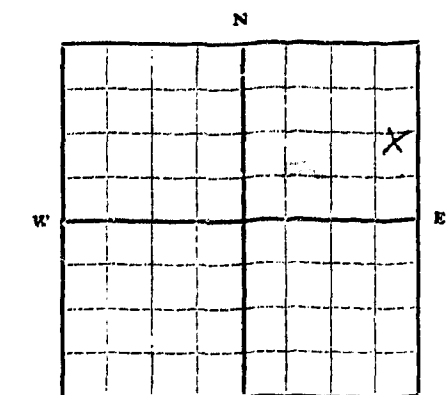
Owner Geo. Mueller Address ChrinwoodDriller C. Simpson Address Matta

Date of Notice of Appropriation of Groundwater

Date well started Oct 1941 Date Completed Oct 30-41Type of well drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐ Garden

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"	4 1/2	1	103	1	103	



Sec. 4 T. 27 R. 20

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 10 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level feet at gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Cannot pump it dry 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)

Driller's License Number

Driller's Signature C. Simpson

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 Quaduplicate for the Appropriator.

3206

247843

247843

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 7 DAY
OF January A. D. 1963

AT 2:40 P. M.
Cora L. Musgrave M.

A. H. Dorn COUNTY CLERK

PER \$2.00

DEPUTY

#269792

STATE OF MONTANA
County of Blaine

Filed for record this 22 day
of August A. D. 1922
At 3:04 P. M.

Spencer L. DeMott
Deputy
Fee 2.00

T. 24. R. 26.

County.....

(Under Chapter 237, Montana Session Laws, 1961)

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.

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 27. R. 30.

DUPLICATE

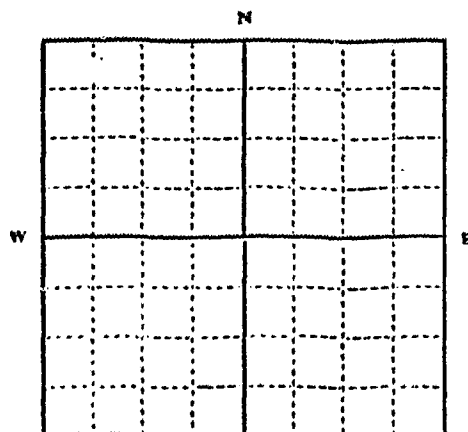
County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Elizabeth Dunbar, Joe Dunbar and George Dunbar, of Chinook,
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



See plat attached.

1/4 Sec. T. R.

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, domestic and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been from 1927 and before as to springs; fall 1, 1957; fall 12, 1959; continuous since first use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well 1, 1 gpm; Well 2, 1 gpm; Springs: 1, 20 gpm; 2, 3 gpm; 3, 20 gpm; 4, 2 gpm; 5, 10 gpm; 6, 2 gpm; 7, 2 gpm; 8, 3 gpm; 9, 2 gpm.
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 8 acres, mostly in sec. 21-28-19; 4 acres in sec. 21-28-19.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal two deep wells, with electric pumps. Withdrawal from all wells by natural flow. All plat attached and also reverse side of this form.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well 1 in 1957; Well 2, started in fall of 1958, completed about January, 1960. Withdrawal from springs started before 1927.
8. The depth of water table Well 1, 25'; Well 2, 20'; springs, not known.
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 Wells, 1, 25', pump with pressure tank; 1 pipe, electric motor; 2, 20' deep, pump with tank; springs, water withdrawn by natural flow.
10. The estimated amount of groundwater withdrawn each year 36,000,000 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

Signature of Owner Elizabeth Dunbar
George Dunbar
Joe Dunbar

Date Dec. 28, 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.

No. 6.

Well No. 1, N¹/₂SW¹/₂NW¹/₄ of Section 14-28-19;
Well No. 2, W¹/₂SE¹/₂NW¹/₄ of Section 14-28-19;
Spring No. 1, SE¹/₂SW¹/₄ of Section 21-28-19;
Spring No. 2, NE¹/₂SW¹/₄ of Section 22-28-19;
Spring No. 3, SW¹/₂NE¹/₄ of Section 24-28-19;
Spring No. 4, NW¹/₂NW¹/₄ of Section 24-28-19;
Spring No. 5, E¹/₂NW¹/₄ of Section 21-28-19;
Spring No. 6, SW¹/₂SE¹/₄ of Section 10-28-19;
Spring No. 7, SE¹/₂NE¹/₄ of Section 23-28-19;
Spring No. 8, NE¹/₂SW¹/₄ of Section 15-28-19;
Spring No. 9, NE¹/₂NE¹/₄ of Section 20-28-19;
Spring No. 10, Lot 2, of Section 6-27-20;

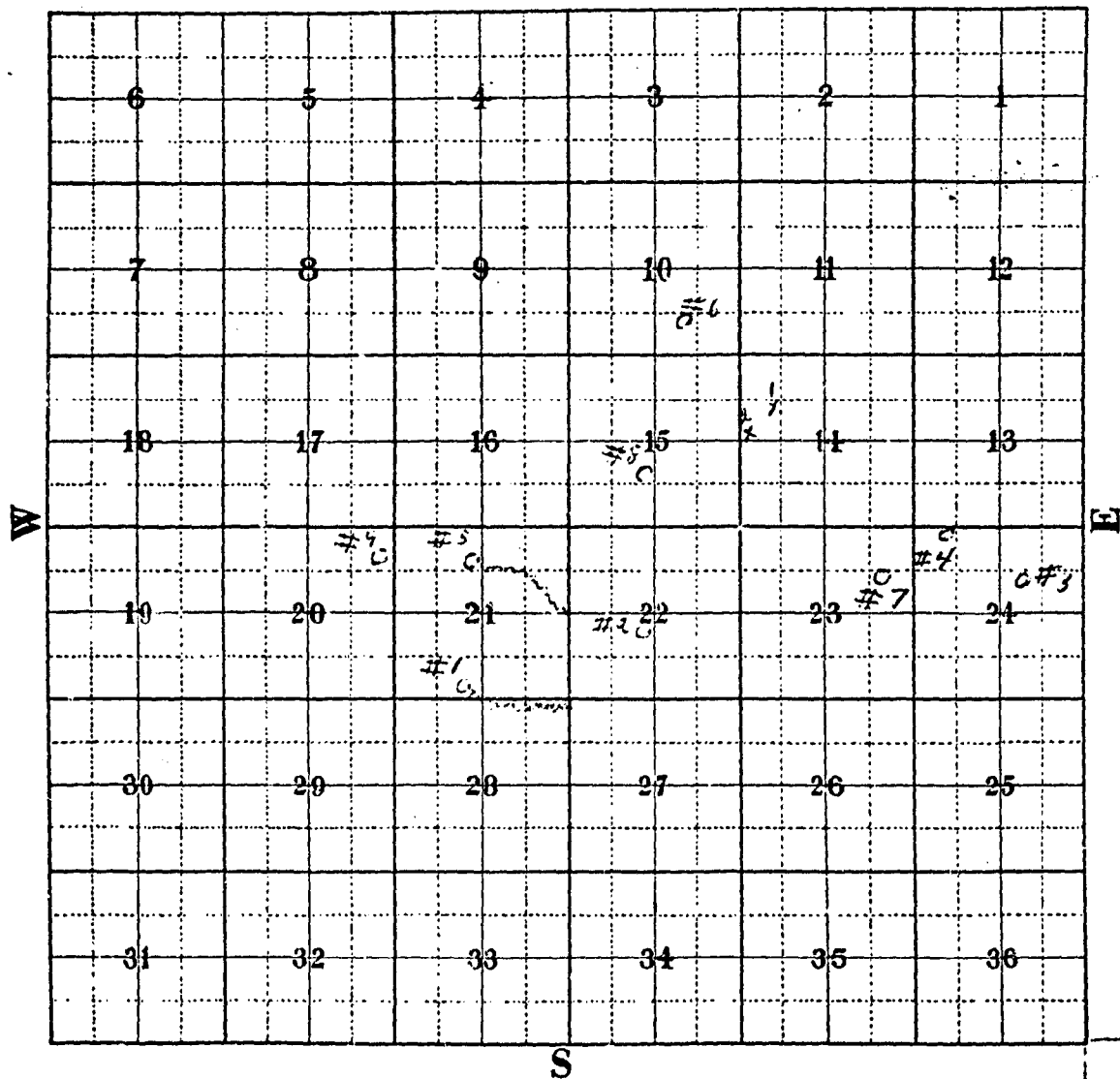
DIAGRAM

of

Township No. 22 N Range No. 19 E

Blaine County, State of Montana

N



X - 2 wells

O - 10 springs

--- irrigated area

See E-
17-20

This blank is guaranteed against successful alteration, which guaranty is insured in LLOYD'S, London - Pat. Pend.
Washington Legal Blank Co., Seattle (Diagram of Plat) Form No. 263

Printing Date 12-8-59

RECORDED IN BOOK and page of any county record

Signature of Owner Elizabeth Dumbauld
George Dumbauld

252110

252110

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 2:30 O'CLOCK P. M.

Corr. L. Murphy
COUNTY CLERK
Cathryn Sheet
DEPUTY

FEE 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

For Administrator's Use

File 872341

June 29, 1973

GW 1 3:04 p.m.

Owner TEDDY POWELL

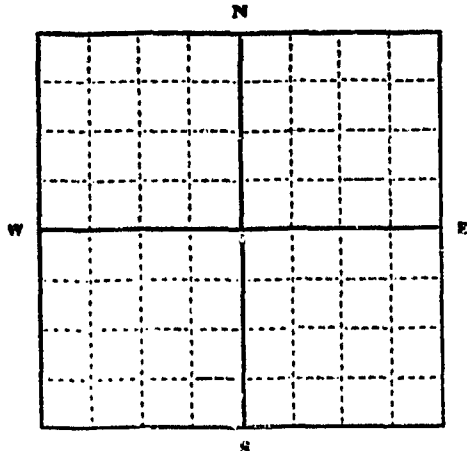
Address Cleveland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started _____ Date Completed early homestead days

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



See Exhibit "A"

_____ 1/4 _____ 1/4 Sec. _____

T. _____ N R. _____ E
S W

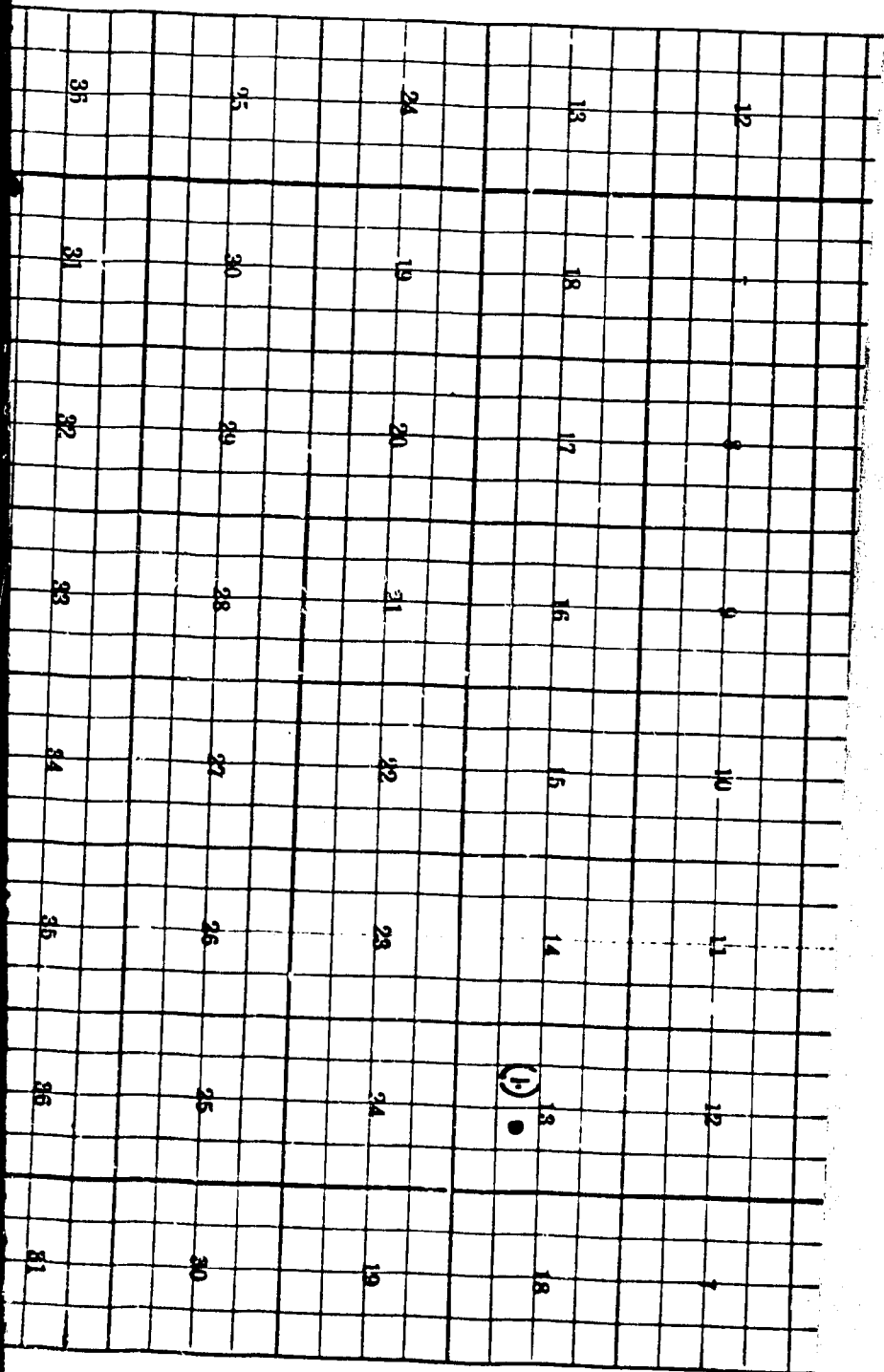
INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated _____

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity
3. Depth of water table unknown
4. Use of the water stock water
5. Amount of groundwater claimed (in miner's inches or gallons per minute) Spring #1, 10 g/p/m; #2, 10 g/p/m
6. If used for irrigation, give number of acres and description of land NA
7. Estimate amount of water used each year unknown
8. Months of year spring flows entire year

Signature of Owner /s/ Teddy L. Powell

Date June 29, 1973



272341

STATE OF MONTANA }
County of Blaine }
Filed for record this 29 Day
of June A. D. 1975
At 3:04 O'clock P.M.

County Clerk

Deputy
Fee _____

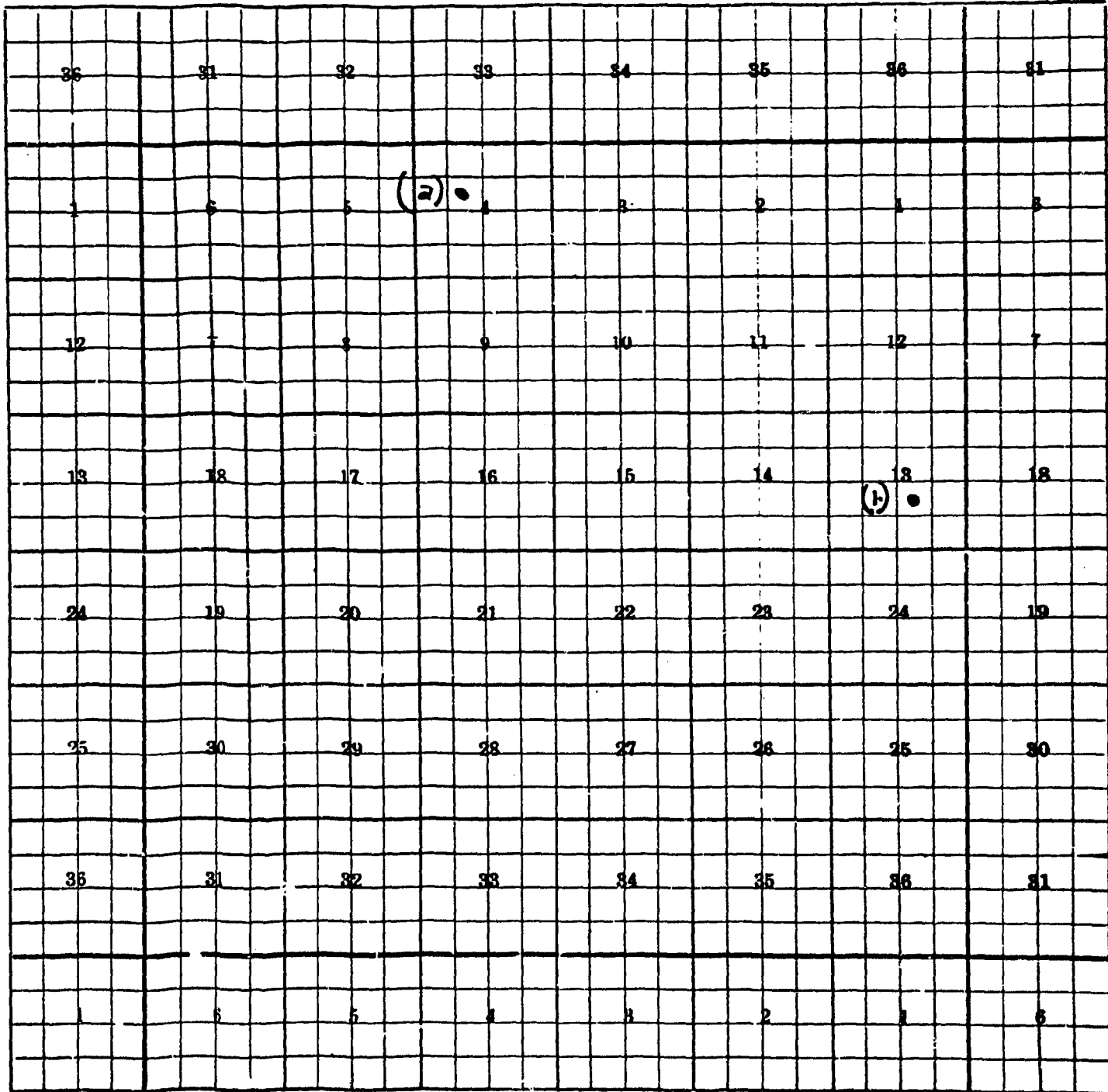
Township No. 27N and 26N Range No. 20E and 21E Meridian

EXHIBIT "A"

Rge.

Rge.

Rge.



OPINION PRINT. CHINOOK, MONT.

MEMORANDUM

Spring #1 located in NW¼SE¼ of Section 13, Township 27N, Range 20E
Spring #2 located in SE¼NW¼ of Section 4, Township 26N, Range 21E

File No.

DUPLICATE

RECEIVED

T. 27 R. 20

County

Blaine

STATE ENGINEER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mike Malbyer Address Harlem, Mont.Driller Warburton Drilling Address Chinook, Mont.Date of Notice of Appropriation of Groundwater 12-10-62Date well started 12-15-62 Date Completed 1-7-63Type of well drilled Equipment Used Churn drill
(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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8 X 13 1/2	+ 3	0			
7"	6 5/8 X 13 1/2	0	248	1/4 X 2"	95	100
				1/4 X 2"	160	105
				1/4 X 2"	210	215

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

25 drift

40 brown shale

100 small amount of water

120 blue shale

160 small amount of water

180 grey shale

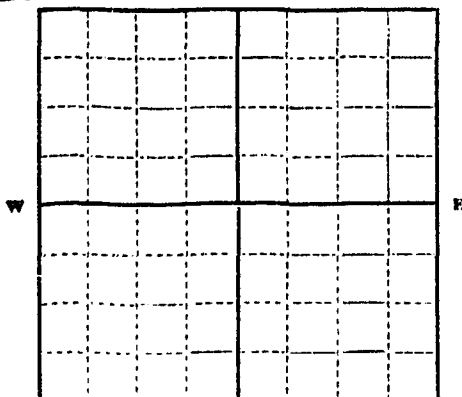
205 brown shale

210-215 water

225 Coal

230 brown shale

248 bottom

1/4 Sec. T. 27 R. 20
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 100 feet.Shut-in Pressure for Flowing Well —Pumping Water Level 240 feet at 5 gal. per minute.Discharge in gal. per min. of flowing well —How Tested high 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) sub-surfacetake packers put in at 60 feet.31
Driller's License NumberLester Warburton
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.

3363

247950

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 18 DAY
OF January A 1963

AT 10.15 O'CLOCK A M.
Cora L. Misprove

A.H. Dorn COUNTY CLERK

DEPUTY
FEE \$2.00

County... **Blaine**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Lucille Powell, as
Trustee
Address Cleveland, Mt.

For Administrator's Use

File 212390

Nov 24 1913

GW1 3.63 m

Date well started

completed early.....
homestead days

Type of well **hand dug**
(Dug, driven, bored or drilled)

Equipment used shovel
(Churn drill, rotary or other)

Water Use : Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

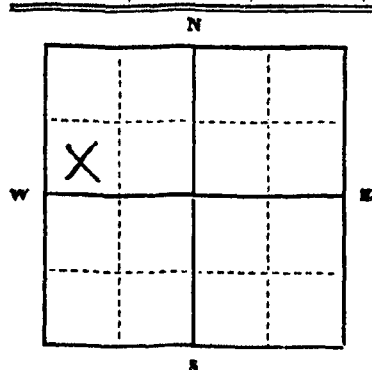
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

***Describe**

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

ESTIMATED ANNUAL WITHDRAWAL ~~the~~ unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
20 ft. deep				unknown		



Static water level 14.....ft.*
Pumping water level 16.....ft.*
at 5.....gallons per minute,
measuredminutes after pumping
began.

*Measured from ground level.

Well developed by ...
forhours.

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

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

SW 1/4 NW 1/4 Sec. 26
T. 27 N R. 20 E
Sx W

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

Driller's Signature **By: /s/ Teddy L. Powell**

Driller's Address _____ As Lessee and Beneficiary

LICENSE NO.....

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

[illegible]

20 feet Show exact depth of bottom

54863

272340

STATE OF MONTANA }
County of Blaine }
Filed for record this 29 Day
of June A. D. 1923
At 1:03 O'Clock P. M.

County Clerk

Deputy
Fee _____

GROUNDWATER INDEX

Page 1 of 1

County BLADE

Twp. 27 NORTH Rge. 21 EAST

[illegible]

File No.

T. 27 N R. 21 E

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

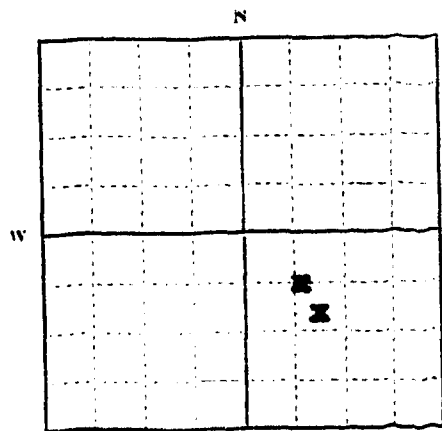
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1937 and beforeOwner James J. Spencer
Sally Ann Pankrats Address Chinook, Montana
Molly Jo SpencerContractor (if any) None

Address of Contractor

Date Started see below Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 2 springs located in NW 1/4 of Section 1-27-21, water obtained by natural flow. Depth not known.



NW 1/4 Sec. 1 T. 27 R. 21

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. Amount of water claimed from each spring, 1 1/2 gal per min. Springs used continuously since 1937 and before. Beneficial use: stockwater. No works constructed. This notice is filed as a declaration of vested water rights. Estimated amount of water withdrawn each year, 500,000 gals. each well.

Signature of Owner James J. Spencer
Sally Ann Pankrats
Molly Jo SpencerDate 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.

252135

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 31 DAY
OF December A. D. 1963
AT 4:50 O'CLOCK P. M.
Cora L. Morgan
COUNTY CLERK
Cathie Shurt
DEPUTY
FEE 3.00

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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

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

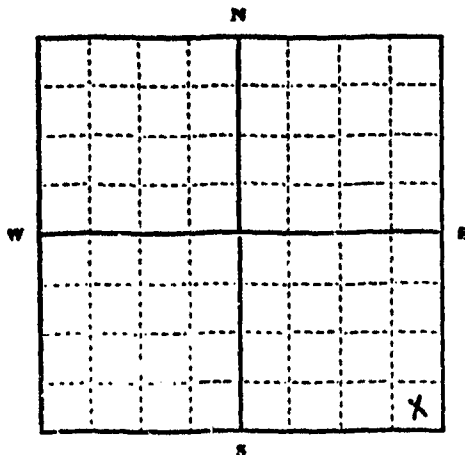
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 272351

June 29, 1973

GW 1 3:14 p.m.



SE 1/4 SE 1/4 Sec. 23

T. 27 N. R. 23 E. W

* See Exhibit "A"

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

Elevation of spring, if known or esti-

mated

Owner MITCHELL RANCH COMPANY

Address Chinook, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started _____ Date Completed early homestead days

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) 3 developed springs, 1 hand dug well, 20 feet deep

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

3. Depth of water table unknown

4. Use of the water stock water, well - stock water, domestic

5. Amount of groundwater claimed (in miner's inches or gallons per minute) Spring #1, 5 g/p/m; #2, 3 g/p/m; #3, 2 g/p/m; Well #1, 6 g/p/m

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

7. Estimate amount of water used each year unknown

8. Months of year spring flows entire year

MITCHELL RANCH COMPANY

Signature of Owner /s/ Douglas L. Mitchell

Director of the Board of Water Commissioners

Date June 29, 1973

No. 27N Range No. 21E Meridian

EXHIBIT "A"

Rge.

Rge.

36	31	32	33	34	35	36	31
1	6	5	4	(2) • (1)	2	1	3
12	7	8	9	(3) • 10	11	12	7
13	18	17	16	15	14	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

OPINION PRINT. CHINOOK, MONT.

MEMORANDUM

Spring #1 located in SW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 2, Township 27N, Range 21E

Spring #2 located in SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 3, Township 27N, Range 21E

Spring #3 located in SE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 10, Township 27N, Range 21E

272351

STATE OF MONTANA
County of Blaine
Filed for record this 29 Day
of June A. D. 19 23
At 3:14 O'Clock P. M.

County Clerk

Deputy
Fee _____

GW 3

File No.

DUPLICATE

T 27 N R 21 E

County BLAINE

RECEIVED

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 AUG 11, 1955

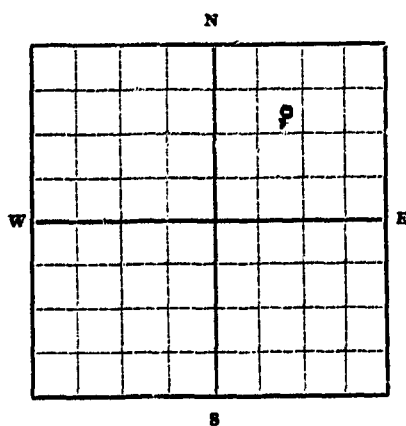
Owner HALDEMANN RANCH Address CHINOOK, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started AUG 10, 1955 Date Completed AUG 11, 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 18 INCHES OF HEAVY MUD REMOVED FROM TOP OF SPRING ALLOWING WATER TO FLOW FASTER



NW 1/4 NE 1/4 Sec 6 T 27 R 21

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 THREE GALLONS PER MINUTE DEVELOPED AND USED ALL YEAR FOR STOCK WATER ESTIMATED BY RUNOFF RUNNING INTO A 5-GALLON BUCKET

Signature of Owner John C. Haldermann

Date Feb 8, 1962

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.

STATE OF MONTANA
County of Blaine

FILED FOR RECORD THIS 8 DAY
OF February A. D. 1962
AT 11.10 O'CLOCK A. M.

A. H. Dorn

COUNTY CLERK

FEE 1.00

DEPUTY

File No.

DUPLICATE

T. 27 N. R. 21 E

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Deer Paw Angus, Inc. Address: Cleveland Montana

Driller: Simpson Drilling Co. Address: Malta, Montana

Date of Notice of Appropriation of Groundwater

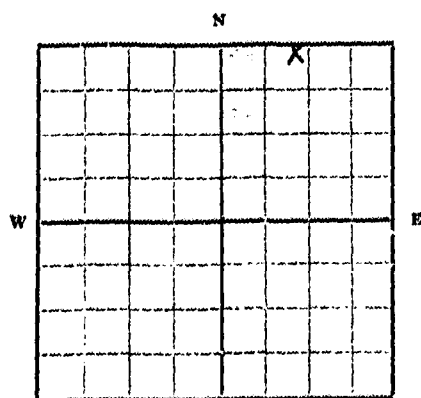
Date well started 4/23/62 Date Completed 5/2/62

Type of well Drilled Equipment Used Cable Tools
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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	22 7"	27	0			
6	6"	19	868	3/16	890	937



NE 1/4 Sec 15 T 27 N R 21 E

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

941

Show exact depth of bottom.

Static Water Level for non-flowing Wellfeet.

Shut-in Pressure for Flowing Well 14

Pumping Water Levelfeet atgal. per minute.

Discharge in gal. per min. of flowing well 6

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)

1' gate volume

15

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 School of Mines and Quadruplicate for the Appropriator.

20.20

STATE OF MONTANA
County of Blaine

COUNTY CLERK

DEPUTY

[illegible]

WILSON JEFFREY CO.
KING, CALIFORNIA
WESTERN UNION

5

T. 27 N R 21 E

County BLAINE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

	17	

Owner HALDEMANN RANCH Address CHINOOK, MONT.

Driller SIMPSON DRILLING CO. Address MALTA, MONT.

Date Started 19 JUNE 61 Date Completed 22 JUNE 61

Location: Sec. 17 T. 27 N. R. 21 E 1/4 sec. NE 1/4

Type of well DUG + 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 96 ft. Type STEEL Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 57 to ft. 96 Ft. to ft.

Type of screen or perforations 1/4" HOLES DRILLED IN CASING

Static Water level, for non-flowing well: 41 feet.

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

Pumping water level 75 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)

GRAVEL PACKED FROM BOTTOM OF HAND DUG
WELL AT 45 FEET TO WITHIN 10 FT. OF SURFACE
AND THEN SHALE TO TOP OF WELL

(over)

Log of Well

[illegible]

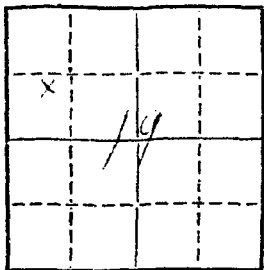
T. 27 R. 21
County Blaine

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner Edwin Sparks Address Chenock

Driller Simpson Drilling Co. Address Malta

Date Started March 23-61 Date Completed March 27-61

Location: Sec. 19 T. 27 R. 21 1/4 sec. N.E.

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

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

Casing: 0 ft. to 244 ft. Type Steel Size 4"

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

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

Perforated or Screened: Ft. 222 to ft. 242 Ft. _____ to ft. _____

Type of screen or perforations 4" Holes, Drilled in Casing

Static Water level, for non-flowing well: 32 feet.

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

Pumping water level 95 feet at 8 gal. per min.

How tested: Boiler

Length of test 1 hr.

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

Packers
220' 222'

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	18	Brown Sandy Valley Fill
18	75	Light Gray Shale
75	81	Dark gray Shale
81	80	Hard Shell
84	112	Light gray Shale
112	128	Dark gray Shale
128	153	Light gray Shale
153	161	Gray Sandy Shale
161	165	Gray green Shale
165	196	Gray Shale
196	206	Gray Sandy Shale
206	220	Gray Shale
220	222	Gray Brown Shale
222	242	Sand Stone Water
		55 g.p.m. 210 F.T.
		8 g.p.m. 95 Ft.