GW 3

33

File No. 18643

T. [illegible] R. 20 East

DUPLICATE

County Yellowstone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

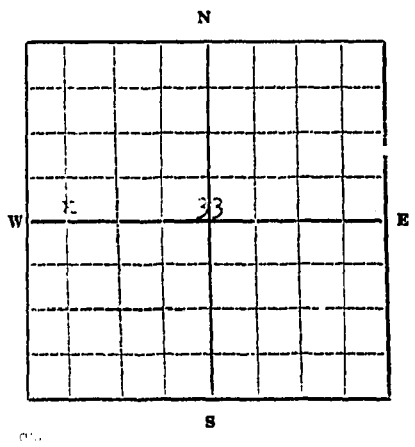
Date of Appropriation of Groundwater 1917 ~~xxxxxx~~

Owner Rapelje Water User's Ass'n Address Rapelje

Contractor (if any) Walter Haven

Address of Contractor Billings, Montana

Date Started Excavated Jan 1962 Date Completed March 1962



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

excavated, packed over - reservoir 1[illegible] x 1[illegible], 1[illegible] deep piped [illegible] town for public water system for the town of Rapelje

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

650,000 gallons each 24 hours

checked by government pump

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

[illegible] ¼ [illegible] Sec. 33 T. 3[illegible] R. 20

Signature of Owner Rapelje Water User's Ass'n by Fred Wadsack

Date December 13th, 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.

9459

GW 3

File No. 186408

T. 3N R. 20 East M.P.M.

DUPLICATE

County Stillwater

RECEIVED
DEC 16 1963
STATE ENGINEER

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 1917 ~~another~~

Owner Rapelje Water User's Ass'n Address Rapelje

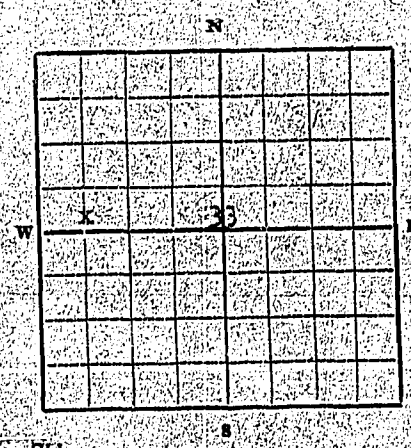
* Contractor (if any) Walter Hoven

Address of Contractor Billings, Montana

* Renovated
Date Started Jan 1962 Date Completed March 1962

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

cemented, roofed over - reservoir 10' X 10', 18' deep piped from town for public water system for the town of Rapelje



N.P. Spring Site SW ¼NW Sec. 33 T. 3N R. 20

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

850,000 gallons each 24 hours

checked by government pump

Signature of Owner Rapelje Water User's Ass'n By Fred Wiedrich

Date December 13th, 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.

0459

STATE OF MONTANA }
COUNTY OF STILLWATER } ss.

I hereby certify that the above instrument was filed and indexed in this office on the 13th day of December A. D. 1963, at 1:05 o'clock P M.

Gertrude H Calhoun
COUNTY RECORDER

By _____ Deputy

possible 3N-20E Sec. 32 & 33

T. 2 North R. 20 East

County Stillwater

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

RECEIVED 1957 STATE ENGINEER

WATER WELL LOG

Owner Rapelje Public Cemetery Address Rapelje, Montana

Driller Albert Heck Address Harlowton Mont

Date Started July 13 Date Completed July 17

Location: Sec. ..... T. ..... R. ..... ¼ sec. .....

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: 8 2 ft. to 8 2 ft. Type Lipton Galv. Size 6 Inc.

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

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

Perforated or Screened: Ft. 50 to ft. ..... Ft. ..... to ft. .....

Type of screen or perforations Perforation Drilled Hole

Static Water level, for non-flowing well: 25 feet.

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

Pumping water level 30 feet at 10 gal. per min. 10

How tested: Bailer

Length of test 2 Hours

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

Gravel Packed

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	30	yellow Clay and Rock and Gravel
30	50	Gray Sandy shale
50	60	Gray shale
60	82	Gray Sandy shale

Original was FILED in this Office

JUL 29 1957

Gertrude H Cobham
COUNTY CLERK AND RECORDER

By

3 GW 1 Revised 1969
2057—1500—1/71

County Stillwater

21

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 207368

June 15, 1973

GW 1 2:45 p.m.

Owner Herzog Farms, Inc.

Address Rapelje, Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed

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

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

3. Depth of water table 2'

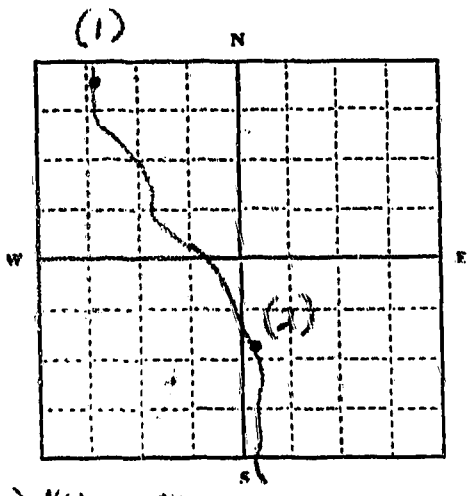
4. Use of the water stock

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 550 gal. p.m.

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

7. Estimate amount of water used each year 950,000,000 gal.

8. Months of year spring flows 12



(1) NW NW
(2) NW ¼ SE ¼ Sec. 21

T. 3 N/S R. 20 E/W

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

Signature of Owner Herzog Farms, Inc.

Date 6-15-73

53,56

207368

Office of Clerk & Recorder
STILLWATER COUNTY, MONTANA
I hereby certify that the above instrument was filed & indexed in this office
ON THE 15 DAY OF JUN 1973
A. D. 19 ___, AT ___ O'CLOCK 2:45 PM
Thelma Shaw COUNTY RECORDER
BY 2nd Pl DEPUTY

Form No. 18
8-60

22

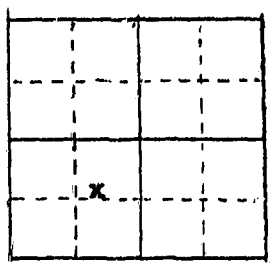
T. 3 North R. 20 E. M.P.M.

County Stillwater

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 23 1961
STATE ENGINEER

WATER WELL LOG



Owner Chester Clement Address Raselje, Montana

Driller Albert Heck Address Harlowton, Montana

Date Started May 30th, 1961 Date Completed June 1, 1961

Location: Sec. 22 T. 3North R. 20 E M.P.M. sec. NE¼SW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 1 ft. to 105 ft. Type 20 Ga Galv Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 33 to ft. 105. Ft. to ft.

Type of screen or perforations ¼" holes

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

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

Pumping water level 25 feet at 6 gal. per min. 1

How tested: Baler

Length of test 3 hrs

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	25	Yellow clay
25	80	Gray Shale Rock
80	95	Gray Sand Rock
95	105	Gray Shale Rock

GROUNDWATER INDEX

Page ___ of ___

County Stillwater Twp. 3N Rge. 21E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Berg, Olaf	GW-4	182576	
2	Brinkel, William F.	" "	185963	
2	Ray, Agnes	GW-3	186725	
3/4	" "	GW-4	186718	
10	Hoagland, W.E.	well log		
11	Berg, Olaf	" "	—	
12	Masdal, Lars	" "	—	
13	Wilcox, E.C.	" "	—	
14	Masdal, Lars	" "	—	
18/19	Wilcox, Edward C.	GW-4	186678	
20	" " "	"	"	
27	Boon, Mark	GW-2	207595	
28	Marsh Bros.	GW-3	207593	
28	" "	GW-2	207594	
29/30	Capulas, Sadie	GW-4	191205	
30	Bradbrook, L.G. & Mercedes	well log	—	
31	Capulas, Sadie	GW-4	184396	
35	Capulas, Steve	well log	—	

STILLWATER COUNTY
STATE OF MONTANA

File No. 182576

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3N, Rge 21 E M.P.M

RECEIVED
JUL 26 1962
STATE ENGINEER

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

1. Olaf Berg, of Broadview,

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

		Sec. 1 SE¼	Sec. 1 SE¼	Sec. 1 SE¼	Sec.	Sec.	Sec.
		x x	x x	x x			
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	stock	Irrigation of trees & garden	Domestic			
3.	Approx date of Use	1915	1944	1956			
	How continuous?	continuous	6 mo summer	continuous			
4.	Amount claimed in miner's inches or gallons per min.	10 gal	5 gal	10 gal			
5.	Acres irrigated	NA	trees & garden	N.A.			
	Description						
	Name of Owner		O. Berg				
6.	Location of Well	SE¼ 1	SE¼ 1	SE¼ 1			
	Means of Withdrawal	windmill	windmill	Elec pump			
7.	Date-Commencement	Oct 1915	1945	1956			
	Date-Completion						
8.	Depth of water table	60 ft	90 ft	60 ft			
9.	Type, size, depth or specifications of works	6" hole 140 ft	6" hole 110 ft	6" hole 205 ft			
10.	Estimated amount withdrawn annually	80,000 gal	180,000 gal	35,000 gal			
11.	Log, if available	N.A.	N.A.	N.A.			
12.	Other information						

Signature of owner Olaf Berg

Date July 25th, 1962

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

1877

182576

STATE OF MONTANA }
COUNTY OF STILLWATER } ss.

I hereby certify that the above instrument was filed and indexed in this office on the 25th day of July A. D. 1967, at 2:50 o'clock P. M.

Gertrude H. Calhoun
COUNTY RECORDER

By ..... Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 185963

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp ~~4N~~ 3N, Rge 21 E

RECEIVED
NOV 4 1963
STATE ENGINEER

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

1. William F. Brinkel, of Broadview, Montana,

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

	4N-21 Sec.36	4N-21 Sec. 25	4N-21 Sec. 35	4N-21 Sec. 35	3N-21 Sec. 2	3N21 Sec. 2
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Household	Livestock	Livest-ock	Livestock	Livestock	Livestock
3. Approx date of Use	1915 48 yrs	1955	1943	1956	1915	1949
How continuous?	constant	same	same	same	same	same
4. Amount claimed in miner's inches or gallons per min.	200 gals per min	200 g.p.m	10 gals p.m	10 gals p.m.	10 gals p.m	10 gals p.m.
5. Acres irrigated	None	same	same	same	same	same
Description						
Name of Owner	William F Brinkel	same	same	same	same	same
6. Location of Well	SE¼	SW¼	SE¼	SW¼	SW¼	NE¼
Means of Withdrawal	Pump	Pump	Windmill	pump	windmill	pump
7. Date-Commencement	1915	1955	1943	1956	1915	1949
Date-Completion	same	same	same	same	same	same
8. Depth of water table	50 ft	50 ft	80 ft	80 ft	30 ft	50 ft
9. Type, size, depth or specifications of works	6 in hole 150 ft	5 in. hole 80 feet	6 inch hole, 200 feet	6 inch hole 180 feet	6 inch hole 60 feet	6 inch hole 120 feet
10. Estimated amount withdrawn annually	1,000,000 gallons	250,000 gallons	100,000 gallons	100,000 gallons	none at present	none at present
11. Log, if available	None	None	None	None	None	None
12. Other information	None	None	None	None	None	None

Signature of owner William F. Brinkel

Date October 31, 1963

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

6786

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

2

File No. 186725

T. 3N R. 21E

DUPLICATE

County

RECEIVED
JAN 8 1964
STATE ENGINEER

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 1960

Owner Agnes Ray Address Rapelje, Montana

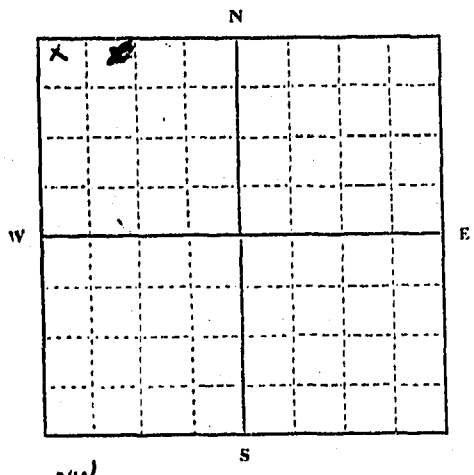
Contractor (if any) Self

Address of Contractor

Date Started 1960 Date Completed 1960

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

Excavated about 4 ft deep with 6 ft square cement box-pumped by electric pump about 11,000 ft thru 1" pipe to house.



~~NE~~ NW ¼ ~~NW~~ Sec. 2 T. 3N R. 21E

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

Approx. 5 gals per minute. Used for household and livestock

Signature of Owner Agnes Ray

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.

77696

186725

STATE OF MONTANA }
COUNTY OF STILLWATER } ss.

I hereby certify that the above instrument w[illegible] this office on the 31st [illegible] December 19[illegible]3, at 11:20 o'clock a M.

Gertrude H Carlson
COUNTY RECORDER

By [illegible] Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 186718

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp. 4N, Rge. 21 E

RECEIVED
JAN 8 1964
ENGINEER

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

1. Agnes Ray; of Rapelje, Montana,

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

		Sec. 28 (4N 21 E)	Sec. 22	Sec. 26	Sec. 3 (3N 21E)	Sec. 4	Sec.
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	Livestock	Livestock	Livestock	Livestock	Livestock	
3.	Approx date of Use	1925	1920	1943	1960	1957	
	How continuous?	Cont	cont	cont	cont	cont	
4.	Amount claimed in miner's inches or gallons per min.	30 gals	30 gals	30 gals	15 gals	5 gals	
5.	Acres irrigated	—	—	—	—	—	
	Description	—	—	—	—	—	
	Name of Owner	Agnes Ray	Agnes Ray	Agnes Ray	Agnes Ray	Agnes Ray	
6.	Location of Well	NE¼	SE¼	NW¼	NW¼	NE¼	
	Means of Withdrawal	windmill	windmill	windmill	electric pump	Electric Pump	
7.	Date-Commencement	Approx 1925	Approx 1925	Approx 1943	1960	1957	
	Date-Completion	"	"	"	"	"	
8.	Depth of water table	100 ft	110'	130'	2'	15'	
9.	Type, size, depth or specifications of works	220' deep drilled 6" casing	165 ft drilled 6" casing	190' deep drilled 6" casing	2½' drilled 2' casing	25' drilled 2' steel casing	
10.	Estimated amount withdrawn annually	500,000	500,000	300,000	500,000	250,000	
11.	Log, if available	NA	NE	NA	NA	NA	
12.	Other information	—	—	—	—	—	

Signature of owner Agnes Ray

Date Dec 30, 1963

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

27689

186718

STATE OF [illegible] } ss.
[illegible] above instru-
[illegible] in this office
3 lot December
63 11:03 o'cl. A M.
Gertrude H. Calhoun
COUNTY RECORDER

By ..... Deputy

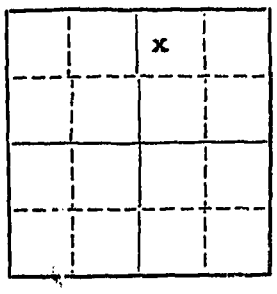
T. 3North R. 21 East M.P.M. 70

County Stillwater

RECEIVED
APR 12 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner W. E. Hoagland Address Rapelje

Driller Albert Hack Address Harlowton Mont

Date Started March 16 1960 Date Completed Mar 19, 1960

Location: Sec. 10 T. 3N R. 21 E. ¼ sec. NE¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 54 ft. Type Galve Size 6"

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 50 feet at 1 gal. per min. 1

How tested: Baler

Length of test 3 Hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	75	Dark Brown Clay
75	160	Dark Gray Shale

T. 3N R. 21E 17

County Stillwater

RECEIVED
MAR 7 1960
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

		x	

Owner Olaf Berg Address Broadview, Mont

Driller Albert Heck Address Harlowton, Mont

Date Started FEB 25 Date Completed Feb 29

Location: Sec. 11 T. 3N R. 21E ¼ sec. South East

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 21 ft. Type Galv. Size 6"

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: 65 feet.

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

Pumping water level 65 feet at 4 gal. per min. 4

How tested: Baler

Length of test 3 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	35	Brown sand rock
35	50	Gray sand rock
50	65	Dark gray rock shale
65	80	Dark gray rock
80	125	Dark gray shale

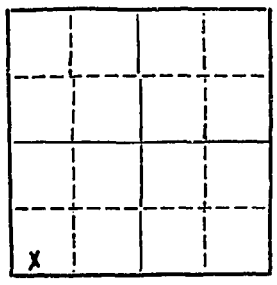
T. 3N R. 21E 12

County. Stillwater

RECEIVED
JUN 30 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner. Lars Mosdal Address. Rapelje, Mont

Driller. Albert Heck Address. Harlowton Mont

Date Started. Feb 11 Date Completed. Mar 9

Location: Sec. 12 T. 3N R. 21 ¼ sec. S-W

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 20 ft. Type. Tube Size. 8"

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: 90 feet.

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

Pumping water level. 70 feet at 4 gal. per min. 4

How tested: Bailer

Length of test. 4 Hours

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

(over)

Log of Well

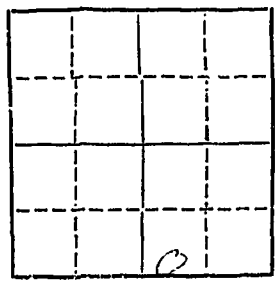
Depth, feet From	Depth, feet To	Description of Material Drilled
1	65	Brown Sand Rock
65	85	Gray schale and Rock
85	90	Gray Rock
90	185	Gray schale and Rock
185	200	Gray schale

RECEIVED
MAY 11 1959
STATE ENGINEER

T. 3N R. 21E 13
County Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner E. C. Miller Address Rogers

Driller Albert Heck Address Harlowton Mont

Date Started April 9 Date Completed April 11

Location: Sec. 13 T. 3N R. 21E ¼ sec. SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 40 ft. Type Galv. Size 6"

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level 20 feet at 5 gal. per min. 5

How tested: Bailer

Length of test 3 Hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	35	yellow clay
35	72	Gray schale

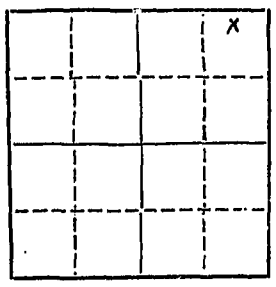
T. 3N R. 21E 14

County Stillwater

RECEIVED
JUN 30 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Lars Mosdal Address Rapelje, Mont

Driller Albert Heck Address Harlowton Mont

Date Mar 10 Date Completed Mar 12

Location Sec. 14 T. 3N R. 21E ¼ sec. N-E

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 20 ft. Type Galva. Size 8"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level 20 feet at 30 gal. per min. 30

How tested: Baler

Length of test 3 Hours

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	15	Gray Sand Rock
15	35	Dark Brown Rock
35	45	Dark Gray Rock
45	55	Dark Gray shale
55	60	Dark Gray Rock
60	65	Dark Gray shale

STILLWATER COUNTY
STATE OF MONTANA

3N - 21E 18 19 20

File No. 186678

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3N, Rge 20 21 E

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

RECEIVED JAN 6 1964 STATE ENGINEER

1. ~~Edward C. Wilcox~~, of ~~Rapelje~~,

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

		Sec. 14 (3N-20E)	Sec. 13	Sec. 19 (3N-21E)	Sec. 18	Sec. 20	Sec. 18
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	Stock Well	Stock well	Stock well	Domestic	Stock well	Stock well
3.	Approx date of Use How continuous?	3 months ~~in fall~~ 1956	continuous 1955	continuous 1960	continuous 1953	winter 1955	continuous 1947
4.	Amount claimed in miner's inches or gallons per min.	20gal Min	7gal min	8gal min	3 gal min	5 gal min	5 gal min
5.	Acres irrigated Description	~~None~~	~~None~~	~~None~~	~~None~~	~~None~~	~~None~~
	Name of Owner	Wilcox	Wilcox	Wilcox	Wilcox	Wilcox	Wilcox
6.	Location of Well	NW1/4	NW 1/4	NW 1/4	SW 1/4	NE 1/4	Se 1/4
	Means of Withdrawal	Windmill	Windmill	Elect jet	Elect jet	Windmill	pump jack
7.	Date-Commencement	4/6/56	6/1/55	3/4/60	8/5/53	1955	1907
	Date-Completion	4/6/56	6/6/55	37/60	10/16/53	1955	1907
8.	Depth of water table	18 FT	50 Ft	40 Ft	25 Ft	35 Ft	25 Ft.
9.	Type, size, depth or specifications of works	25 6" drill	100Ft 6" drill	96Ft 6" drilled	28ft dug	60ft 6" drilled	30ft dug
10.	Estimated amount withdrawn annually	~~300,000~~ 200,000	200,000	100,000 gal	200,000 gal	100,000 gal	200,000 gal
11.	Log, if available	None available	None available	None available	None available	None available	None available
12.	Other information						

Signature of owner [signature]

Date

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

27649

GW 2

RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No. 207595

T. 3N R. 21E.

DUPLICATE

County Stillwater

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Office of Clerk & Recorder
Stillwater County, Montana
I hereby certify that the above instrument was filed & indexed in this office
on the ____ day of JUN 29 1979
AD 19__, at ____ o'clock 3:24 PM
Thelma Shaw
COUNTY RECORDER
By _____ DEPUTY

Owner Marsh Bros Address Rapelje, Mont.

Driller Unknown Address

Date of Notice of appropriation of groundwater

Date well started Unknown Date completed Unknown

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

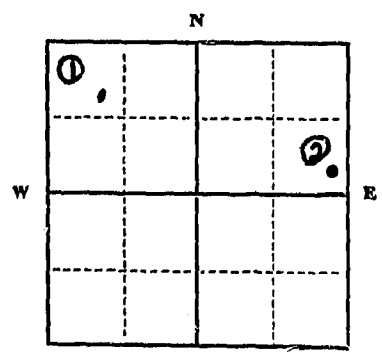
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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.

60' #2

80' #1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
Unknown						



② SE 1/4 NE Sec 27 T 3N R 21

① NW 1/4 NW Sec 27 T 3N R 21

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Shut-in Pressure for Flowing Well....

Pumping Water Level ——feet at ——gal. per minute.

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

How Tested....

Length of Test....

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Marsh Bros by Leland Marsh

~~Driller's Signature~~.
Owner.

56217

207595

Office of Clerk & Recorder
STILLWATER COUNTY, MONTANA
I hereby certify that the above instrument was filed for record in this office
IN THE ____ DAY, F June 29, 1973
A. D. 19 ____ AT ____ O'CLOCK 3:24 PM
Helma S. Hau COUNTY RECORDER
BY ____ DEPUTY

207593

RECEIVED

3 GW 3 Revised 1969
2057—1500—1/71

County Stillwater

28

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 207593

6-29-73

GW 1 3:20 p.m.

Owner Mark Brown

Address Rapelje, Mont.

Contractor (if any) Self

Address of Contractor

Date Started Unknown Date Completed Unknown

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Used bailer dug well plant.

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

3. Depth of water table 6'

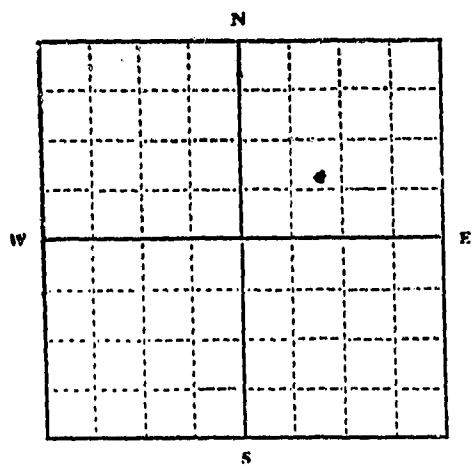
4. Use of the water Stock.

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal.

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

7. Estimate amount of water used each year

8. Months of year spring flows March to Sept.



SW ¼ NE ¼ Sec. 28

T. 3 N/S R. 21 E/W

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

Signature of Owner Mark Brown by Leland Mark

Date 6-29-73

56217

207593

Office of Clerk & Recorder
Stillwater County, Montana

I hereby certify that the above instrument was filed & indexed in this office

on the _____ day of JUN 29 1973

AD 19__, at _____ o'clock 3:20 PM

Thelma Shaw
COUNTY RECORDER

By _____ DEPUTY

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551 3

File No. 207594

RECEIVED JUL 18 1973 MONTANA BUREAU OF MINES AND GEOLOGY

T. 3N R. 21E 28

DUPLICATE

County Stillwater

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground

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

Owner Marsh Bros Address Rapelje, Montana

Driller Unknown Address

Date of Notice of appropriation of groundwater

Date well started Unknown Date completed Unknown

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

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

Office of Clerk & Recorder
Stillwater County, Montana
I hereby certify that the above instrument was filed & indexed in this office on the 29th day of June AD 1973, at 3:22 o'clock P.M.

COUNTY RECORDER

By DEPUTY

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)
Unknown.						

1-2-4 80'

#3 200'

Show exact depth of bottom.

N W E S

1 2 3 4

1-2-3 SE4 SW4 SW 1/4 SE Sec 28 T 3N R 21E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well —— feet.

Shut-in Pressure for Flowing Well

Pumping Water Level —— feet at —— gal. per minute.

Discharge in gal. per min. of flowing well

How Tested ——

Length of Test ——

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

(Continue on reverse side)

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

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

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

~~Driller's~~ License Number

Marsh Bros by Leland Marsh

Owner ~~Driller's~~ Signature.

56217

207594

Office of Clerk & Recorder
STILLWATER COUNTY, MONTANA
I hereby certify that the above instrument was filed for record in this office
IN THE _____ DAY, FRIDAY June 29, 1973
A. D. 19 _____, AT _____ O'CLOCK 3:22 PM
Thelma Ellis COUNTY RECORDER
BY _____ DEPUTY

STILLWATER COUNTY
STATE OF MONTANA

File No. 191205 ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3N, Rge 21E E 29/33

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

STATE WATER CONSERVATION B
OCT 20 1965

Bille McDermott
Butzerin McNulty
Coyle Morton
Darlinton Sullivan
Dickert

1. Sadie Copulos (Appropiator), of Rapelje, Montana County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

		Sec. 29	Sec. 33	Sec.	Sec.	Sec.	Sec.
		x	x				
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	Stock use	Stock use				
3.	Approx date of Use	1939	1960				
	How continuous?	ever since	continuous				
4.	Amount claimed in miner's inches or gallons per min.	30 gal/min	30 gal/min				
5.	Acres irrigated						
	Description						
	Name of Owner						
6.	Location of Well	SE¼SE¼	SW¼SW¼				
	Means of Withdrawal	Electric Motor	gas motor				
7.	Date-Commencement	1939	1960				
	Date-Completion	same	1960				
8.	Depth of water table	80ft	85 ft				
9.	Type, size, depth or specifications of works	6" casing galv pipe 1½ pipe	same				
10.	Estimated amount withdrawn annually	360,000	360,000				
11.	Log, if available	N.A.	N.A,				
12.	Other information	THIS FILING SUBMITTED TO CORRECT PRIOR ERRONEOUS FILINGS. #187326					

FATHER FLANAGAN'S BOYS' HOME
By
Signature of owner Nicholas K Vogne
Secretary-Treasurer
Date October 11, 1965

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

39708

191205

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instrument was filed and indexed in this office on the 19th day of October A. D. 1965, at 10:40 o'clock A M.

Gertrude H. Calhoun
COUNTY RECORDER

By ..... Deputy

T. 3 North R. 21 East 30

County Stillwater

RECEIVED
MAY 19 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner L. G. & Mercedes Bradbrook Address Capelje, Montana

Driller Albert Heck Address Harlowton, Mont

Date Started Dec. 16, 1958 Date Completed March 27, 1959

Location: Sec. 30 T. 3N R. 21E ¼ sec. NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 200 ft. Type Galve Size 6 in.

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 Drilled ½" Hole

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 6 gal. per min. 6

How tested: Bailer

Length of test 3 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	20	Brown clay
20	80	Gray shale
80	150	Light gray sandy shale
150	200	Dark gray sandy shale

31

File No. 184396

STILLWATER COUNTY
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED APR 4 1963 STATE ENGINEER

Twp 3N, Rge 21 E
~~2N~~ ~~21E~~

RECEIVED MAR 21 1963 STATE ENGINEER

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

1. Sadie Copulas, of Rapelje, Montana

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

		Sec. 31-3N	Sec. 29-3N	Sec. 29-3N	Sec. 34-3N	Sec. 33-3N	Sec. 10-2N
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	stock use	same	same	same	same	same
3.	Approx date of Use	1960	1939	1959	1954	1960	1953
	How continuous?	continuous	same	same	same	same	same
4.	Amount claimed in miner's inches or gallons per min.	30 gal	30 gal	50 gal 55 gal	30 gal	30 gal	30 gal
5.	Acres irrigated	none	none	none	none	none	none
	Description						
	Name of Owner						
6.	Location of Well	NE 40	NE 40	NE 40	NW 40	NE 40	centre of section
	Means of Withdrawal	windmill	electric motor	electric motor	electric motor	gas motor	windmill
7.	Date-Commencement	1960	1939	1959	1954	1960	1953
	Date-Completion						
8.	Depth of water table	80 ft.	80 ft.	59 ft.	80 ft.	85 ft.	80ft.
9.	Type, size, depth or specifications of works	6 in casing galv pipe 1 1/2	same	same	same	same	same
10.	Estimated amount withdrawn annually	360,000	360,000	360,000	360,000	360,000	360,000
11.	Log, if available	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
12.	Other information						

Signature of owner Sadie Copulas

Date March 13-1963

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

3968

184396

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instrument was filed and indexed in this office on the 20th day of March A. D. 1963, at 2 o'clock M.

COUNTY RECORDER

By _____ Deputy

Not

35

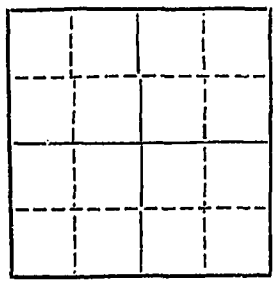
T. 3 North R. 21 E.

County Stillwater

RECEIVED
OCT 23 1959
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Steve Copulos Address Rapelje

Driller Albert Heck Address Harlowton

Date Started May 7, 1959 Date Completed May 8, 1959

Location: Sec. 35 T. 3 N. R. 21 E. 1/4 sec. SW

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

Water use: Domestic [ ] Municipal [ ] Stock [x] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 1 ft. to 58 ft. Type Calvo Size 6 11

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 25 to ft. 58 Ft. to ft.

Type of screen or perforations Drilled 1/4" hole

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level 20 feet at 30 gal. per min. 30

How tested: Bailer

Length of test 4 hours

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	25	Brown clay
25	58	Gray shale

GROUNDWATER INDEX

Page ____ of ____

County Stillwater Twp. 3N Rge. 22E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Ketchum, Owen	GW-2	201325	
6	Sorensen, Walmer C.	GW-4	184359	
7	Berg, Olaf	" "	182577	
7	" "	Well log	—	
17	Arnold, Ben R.	" "	—	
17	" "	GW-2	202944	
18/30	Hageman, Lester	GW-4	186684	
22	" , Alvin	GW-2	182452	
28	Ballard, Ross	GW-4	781670	Filed in Yellowstone co.
30	Hageman, Lester	" "	186685	
31	Sorensen, Walmer C.	" "	—	
35	Lazy K T. Ranch, Inc.	" "	186617	
?	Hageman, Lester	Well log	—	

File No. 201325

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 20 1970

T. 3N R. 22E

County STILLWATER

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)

By: YELLOWSTONE GRAIN CO. INC. Owen Ketchum Vice-Pres. Address MOLT MONT

Driller DIGGER DALY Address 420 SIOUX LANE BILLINGS

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

Date well started 10-8-70 Date Completed 10-9-70

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

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☑

Top of Ground

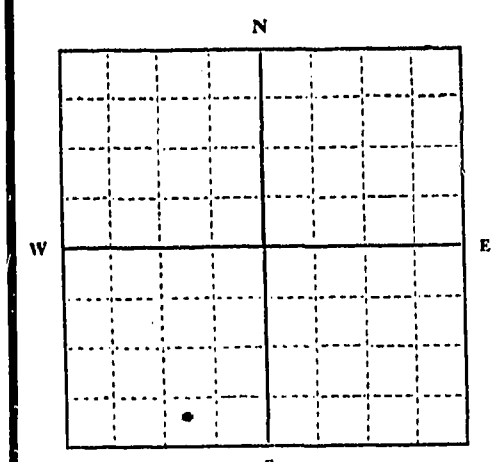
(Elev. above sea level 3850)

0
TOPSOIL
14
15 SANDROCK
SAND
30
SHALE BENT
+ SANDY STREAKS
60
WATER @ 65 + 89
SAND & BENT
106

WATER LEVEL
65 FT.

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)
7¾	6" PLASTIC	0	106	¼" SLOTS	66	106



SW ¼ S Sec. 3 T. 3N R. 22E

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

Static Water Level for non-flowing Well 65 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 70 feet at 28 gal. per minute.

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

How Tested BAILING Length of Test 2 HRS

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)

Cement Top 8 Ft.

Show exact depth of bottom.

Doc. No. 201325
Filed for record
this 19 day of October
A.D. 19 70, at 9:15
o'clock A.M.

157
Driller's License Number

J. J. Ba...
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.

217642

STATE OF MONTANA }
COUNTY OF TOOLE } ss.

I hereby certify that the above instrument was filed and indexed in this office on the 19th day of Oct. A. D. 1970 at 9:15 o'clock A.M.

Thelma Shaw
COUNTY RECORDER

By ..... Deputy

STILLWATER COUNTY
STATE OF MONTANA

6

File No. 184359

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3 N, Rge 22 E

RECEIVED
MAR 1 3 1962
STATE ENGINEER

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

1. Wolmer C. Sorensen, of Broadview, Montana,

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

		Sec. 6 x	Sec. 6 x	Sec. 6 x	Sec. 6 X x	Sec.	Sec.
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	garden House and	Stock	Stock	Irrigation		
3.	Approx date of Use		July to June	April thru Sept.	May thru October		
	How continuous?	all year	11 montns	6 months			
4.	Amount claimed in miner's inches or gallons per min.	10 gal	10 gal	10 gal	10 gal		
5.	Acres irrigated Description	garden			potato		
		1/8 acre			1/4acre		
	Name of Owner	Wolmer C.	Sorenson				
6.	Location of Well	NE¼NE¼	NE¼NE¼	NE¼NE¼	NE¼		
	Means of Withdrawal	Pressure system	pump & windmill	pump & windmill	Flowing		
7.	Date-Commencement	1920	1940	1940	1949		
	Date-Completion	NA	NA	NA	NA		
8.	Depth of water table	15 ft	15 ft	20 ft	Flowing		
9.	Type, size, depth or specifications of works	drilled 40 ft	drilled 40 ft	40 ft	90 ft		
10.	Estimated amount withdrawn annually	70,000 gal	60,000 gal	80,000 gal	30,000 gal		
11.	Log, if available						
12.	Other information						

Signature of owner Wolmer C. Sorensen
Wolmer C. Sorensen

Date

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

3931

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instrument was filed and indexed in this office on the 15th day of March A.D. 1963, at 2:05 o'clock P M.

Gertrude H. Calhoun
COUNTY RECORDER

By _____ Deputy

STILLWATER COUNTY
STATE OF MONTANA

1

File No. 182577 ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3 N, Rge 22 E M.P.M.

RECEIVED
STATE ENGINEER

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

1. Olaf Berg, of Broadview,

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

		NW¼SW¼ Sec. 7	Sec.	Sec.	Sec.	Sec.	Sec.
		X					
	WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	stock					
3.	Approx date of Use	1951					
	How continuous?						
4.	Amount claimed in miner's inches or gallons per min.	4 gals per min					
5.	Acres irrigated						
	Description	N.A.					
	Name of Owner						
6.	Location of Well	SW¼ SEC 7					
	Means of Withdrawal	windmill					
7.	Date-Commencement	1951					
	Date-Completion						
8.	Depth of water table	150 ft					
9.	Type, size, depth or specifications of works	6" hole					
10.	Estimated amount withdrawn annually	37,500					
11.	Log, if available	N.A.					
12.	Other information						

Signature of owner Olaf Berg

Date July 25th, 1962

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

1878

182577

STATE OF MONTANA }
COUNTY OF STILLWATER } ss.

I hereby certify that the above instrument was filed and indexed in this office on the 25 day of July A. D. 1967, at 2:55 o'clock P M.

Gertrude H Calhoun
COUNTY RECORDER

By _____ Deputy

7

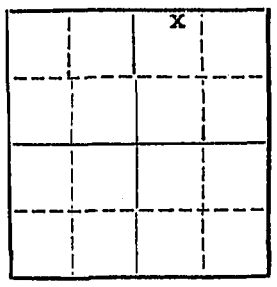
T. 3 North R. 22 E. M.P.M.

County Stillwater

RECEIVED
JUN 16 1970
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Olaf Berg Address Broadview, Mont.

Driller Albert Heck Address Harlowton, Mont

Date Started June 3 Date Completed June 4

Location: Sec. 7 T. 3N R. 22 ¼ sec. NW¼NE¼

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

Water use: Domestic [ ] Municipal [ ] Stock [x] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 1 ft. to 40 ft. Type Iron Size 6"

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: 0 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)

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
1	20	Brown clay and sand rock
20	40	Gray sand rock

T. 3 N R. 22 E 17

County Stillwater

RECEIVED
OCT 3 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Sec 17

Owner Ben R Arnold Address Broadview Mont

Driller Albert Heck Address Harlowton Mont

Date Started Sept 26 Date Completed Sept 29

Location: Sec. 17 T. 3N R. 22E ¼ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 1 ft. to 105 ft. Type Galve Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 15 to ft. 105 Ft. to ft.

Type of screen or perforations Drilled Hole 4"

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level 25 feet at 40 gal. per min. 40

How tested: Bailer

Length of test 3 Hours

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
1	10	Yellow Clay and Rock
10	30	Gray Rock
30	35	Hard Gray Rock
35	55	Gray Rock
55	80	Gray Sand Rock
80	90	Gray shale
90	100	Gray Sand Rock
100	105	Gray shale

GW 2

Approved Stock Form--State Publishing Co., Helena, Montana—48557 3

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 2 1971

File No. 202944

T. 3 N. R. 22 E. 17

DUPLICATE

County Stillwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Ben Arnold Address: Broadview, Montana

Driller: BCK Drilling Address: Fishtail, Montana

Date of Notice of appropriation of groundwater

Date well started: 5/18/71 Date completed: 5/21/71

Type of well: Drilled (Dug, driven, bored or drilled) Equipment used: Rotary (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.

LOG

Top of Ground
0-5 ft. top soil.
(Elev. above sea level.....)

5-18 Brieksand with water.

18-38 Hard Grey sandstone.

38-122 Small layers of shale in the sandstone.

122-165 Grey sandstone

165-205 Sandy shale.

Water from 105-165
Water seems to be of good quality for the Judith River in this area.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 3/4	6 5/8	2+	21			
5 7/8	4 1/2	5-	205	3/16 Holes	110	120
					145	155
					195	200

Static Water Level for non-flowing well 2 ft. feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 165 feet

at 57 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Test Pump

Length of Test: 4 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) 6 5/8 Pipe drove into hard sandstone.

(Continue on reverse side)

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instrument was filed and indexed in this office on the ..... day of JUL 28 1971 A. D. 195....., at 9:30 o'clock A M.

Thelma Shaw
COUNTY RECORDER

By ..... Deputy

N
W E
S

na 1/4 na Sec. 17 T. 3 N. R. 22 E.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

Well will be used for stock water.

Show exact depth of bottom.

205 ft.

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

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

No. 27
Driller's License Number

Rod L. Haugen
Driller's Signature

48815

SPRINGS

STILLWATER COUNTY
STATE OF MONTANA

File No. 186684

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3N, Rge 22 E 30

RECEIVED
JAN 8 1964
STATE ENGINEER

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

1. Lester Hageman, of Rapelje, Montana,

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

		Sec. 18	Sec. 30	Sec.	Sec.	Sec.	Sec.
	SPRINGS						
		No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2.	Basis of Beneficial Use	Stock	Stock				
3.	Approx date of Use	1940	1942				
	How continuous?	continuous	continuous				
4.	Amount claimed in miner's inches or gallons per min.	30 gal per minute	80 gals per minute				
5.	Acres irrigated		2 acres				
	Description		garden				
	Name of Owner	L Hageman	L Hageman				
6.	Location of Well	SW¼SW¼	NW¼ Sec. 30				
	Means of Withdrawal	—	—				
7.	Date-Commencement						
	Date-Completion						
8.	Depth of water table						
9.	Type, size, depth or specifications of works	Excavated and boxed in in 1950	Rocked in 1942				
10.	Estimated amount withdrawn annually						
11.	Log, if available						
12.	Other information						

Signature of owner Lester Hageman

Date Dec. 1st, 1963

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

27655

136684

STATE OF MONTANA }
COUNTY OF YELLOWSTONE } ss.

I hereby certify that the above instrument was filed for record in this office
31st day December
63 at 9:32 o'clock A.M.

Gertrude H. Calhoun
COUNTY RECORDER

By ..... Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No. 182452

T. 3 N R. 22 E. M.P.M.

DUPLICATE

County Stillwater

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

Started drilling in well 100 ft deep

100 Started at 100 feet

150 Dark shale

190 Gray sandy shale

208 Grey sand rock

225 Coarse sand rock

230 shale

Top water unsuitable for use and was cased off at 182 ft.

230

Owner Alvin Hageman Address Broadview, Montana

Driller Leroy E. Johnson Address 1145 Lynn Ave Billings, Montana

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

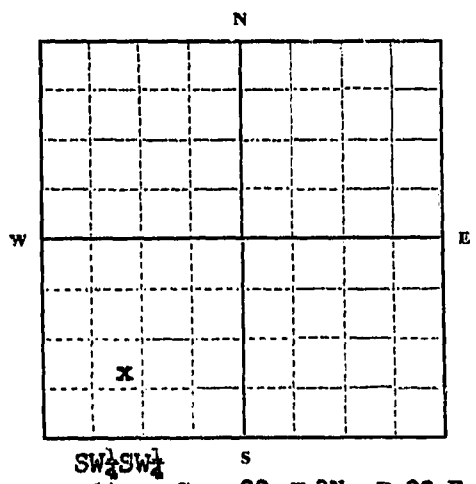
Date well started June 20, 1962 Date Completed June 25, 1962

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

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☒

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" O.D.	Grade	182	open hole below casing		



SW¼SW¼ ¼ Sec. 22 T. 3N. R. 22 E. M.P.M.

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

Static Water Level for non-flowing Well 150 feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 225 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Pump Length of Test 4 hrs.

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)

Show exact depth of bottom.

#4
Driller's License Number

Leroy E. Johnson
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.

1000

182452

STATE OF MONTANA }
COUNTY OF STILLWATER }

I hereby certify that the above instrument was filed and indexed in this office on the 2nd day of July A. D. 1956, at 1:55 o'clock P. M.

Gertrude H. Calhoun
COUNTY RECORDER

By _____ Deputy

File No.....

T. 8 N. R. 22 E

28

ORIGINAL

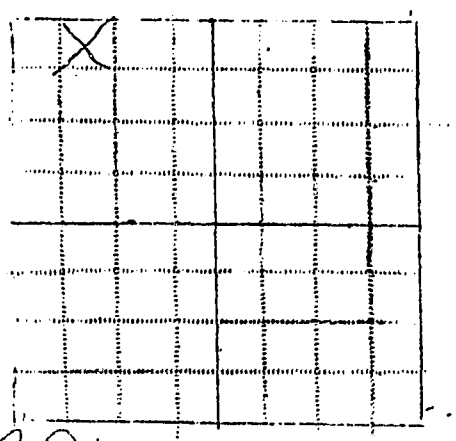
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

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

1. Ross Ballard, of Molt, Mont.
(Name of Appropriator) (Address) (Town)

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



NW 4 Sec. 28 T. 3 R. 22E
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 Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
March 1, 1940 to 1963

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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
Hand Mill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
March 1st 1940

8. The depth of water table
14 ft. Apr. 1940

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Water raises 6 ft. depth of well 14 ft.

10. The estimated amount of groundwater withdrawn each year
1500 gal. barrels

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

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

Signature of Owner Ross Ballard
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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of mines and Geology, and Quadruplicate for the appropriator

18404

721670

STATE OF MONTANA, }
County of Yellowstone, }

This instrument was filed in my office
this DEC 31 1963 day of 19
at 2:36 o'clock P M.

Ethelyn S. Redding,
County Clerk & Recorder

By Deputy

$9.00