

GROUNDWATER INDEX

Page 1 of 1

County POWDER RIVER Twp. 6 SOUTH Rge. 51 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	NASH, PEARL F.		73687-1	
5	RANDALL INC.		75169-4	} SAME FORM
6	" "		75169-4	
9	" "		75169-4	
10	STIVER, BILL	GW-2	78640	
10	NASH, PEARL F.		73687-1	} SEE SEC. 1
11	" "		73687-1	
12	" "		73687-1	
12	" "		73687-1	} SAME FORM
12	" "		73687-1	
13	NASH, PEARL F.		73687-2	
13	" "		73687-2	} SAME FORM
13	" "		73687-2	
14	" "		73687-2	
16	RANDALL INC.		75169-4	SEE SEC. 5
16	OLSON, JOHN & KERCHEVAL, ROBERT		74982	
23	OLSON, EDDIE M.		74981	} SAME FORM
23	" "		74981	
26	MORK, ROY	GW-2	78008	
26	MORK, MARVEL		75107	
30	FREDRICKSON, ERNEST		75208-2	
30	FREDRICKSON, ERNEST	GW-2	91632	
31	FRANKFURTER, ROBERT M.		74666	} SAME FORM
31	" "		74666	
34	OLSON, JOHN & KERCHEVAL, ROBERT		74982	
34	OLSON, EDDIE M.		74981	} SEE SEC. 23
34	" "		74981	
35	" "		74981	
36	PATTEN, CHARLES G.		75275	

File No. 73687
Filed Dec. 31, 1962 at 9:05
\$2.00 fee pd.
Lucille Godsey, deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 51 E

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

RECEIVED
MAR 4 1963

1. Pearl F. Nash, of Broadus, Montana
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. <u>1</u>	Sec. <u>10</u>	Sec. <u>11</u>	Sec. <u>12</u>	Sec. <u>12</u>	Sec. <u>12</u>	
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	
2. Basis of Beneficial Use	Stock	Stock	Stock	Domestic	Garden	Stock	
3. Date of use	Winter	Summer	Winter	Year End	Fall	Yr. Around	
How continuous	steady	steady	steady	steady	steady	steady	
4. Amount claimed	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm	
Irrigated description							
5. Irrigation owner							
Irrigated acreage							
Location	NENE	NESW	NWNE	NWSE	NWSE	NESE	
6. Withdrawal means	Pump	pump	pump	pump	pump	pump	
7. Completion date	1938	1954	1960 1960	1936	1960	1946	
8. Water depth table	120'				45'		
Type	drilled	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	4" 160'	4" x 200'	4" x 100'	4" x 160'	6" x 60'	4" x 55'	
Estimated annual							
10. Amount withdrawn							
11. Other information							
12. Log, if available		#2 0-28 - Clay 28-30 - Rock 30-50 - Sand Rock 50-62 - Clay 62-72 - Sand 72-78 - Rock 78-85 - Coal 85-95 - Brown Shale 95-115 - Blue Shale 115-123 - Rock 123-145 - Shale 145-190 - Water Sand					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Pearl F. Nash

Date 12-31-62

Pearl F. Nash having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this

12-31 day of December, 19 62

Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana

Pearl F. Nash

2785

75119, Filed,
at _____, 19____,
_____ M.

(1) STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 4 S, Rge 1 E

Clerk and Recorder
\$2.00 fee paid

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

RECEIVED
MAR 9 1962

1. RANDALL INC., of _____,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-51E	6S-51E	6S-51E	6S-51E	5S-50E	5S-51E
Cart						
	Sec. 9	Sec. 16	Sec. 5	Sec. 6	Sec. 10	Sec. 11
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of				Domestic		
2. Beneficial Use						
DATE DRILLED	1955	1950	1950	1950	1950	1951
3. How continuously used						
Amount Claimed						
4. (gal. per minute)						
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SENE	SWNE	SWNW	SWNE	SENE	SENE
6. Withdrawal means						
7. Completion date						
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & Depth	24" x 25'	24" x 25'	24" x 25'	24" x 25'	24" x 25'	24" x 25'
Estimated annual						
10. amount withdrawn	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
11. Other information	water sand	water sand	water sand	water sand	water sand	water sand
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.
Randall Inc.

Signature of Owner: _____
Date _____

_____ having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
_____ day of _____, 19____.

Clerk & Recorder, Powder
River County, Broadus, Montana

75169 75169

_____, Filed, (h)
 _____, 19____,
 at _____, M.

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

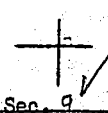
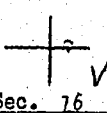
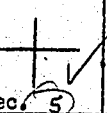
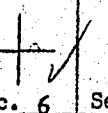
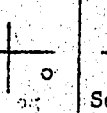
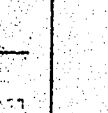
TwP 6 S, Rge 1 E

Clerk and Recorder
 \$2.00 fee paid

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

RECEIVED
 MAR 9 1961

1. RANDALL INC., of _____,
 County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
 the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-51E	6S-51E	6S-51E	6S-51E	5S-50E	5S-51E
Cart						
	Sec. 9	Sec. 16	Sec. 5	Sec. 6	Sec. 3	Sec. 11
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of				Domestic		
2. Beneficial Use						
DATE DRILLED	1955	1960	1959	1960	1960	1961
3. How continuously used						
Amount Claimed						
4. (gal. per minute)						
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SWNE	SWNE	SWNE	SWNE	SWNE	SWNE
6. Withdrawal means						
7. Completion date	1955	1960	1959	1960	1960	1961
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & Depth						
Estimated annual						
10. amount withdrawn	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
11. Other information	Lower 2nd. school sec.	Lower 2nd. school sec.	Lower 2nd. school sec.	Lower 2nd. school sec.	Lower 2nd. school sec.	Lower 2nd. school sec.
12. Log, if available						
	water sand	water sand	water sand	water sand	water sand	water sand

STATE OF MONTANA)
) ss.
 County of Powder River)

Signature of Owner: _____

Randall Inc.

Date _____

_____ having first been duly sworn, deposes and says that he is of
 lawful age and is the appropriator and claimant of the order and water right mentioned in
 the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
 scribed thereto, as the appropriator and claimant, that he knows the contents of said
 foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
 26th day of _____, 19____.

Clerk & Recorder, Powder
 River County, Broadus, Montana

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

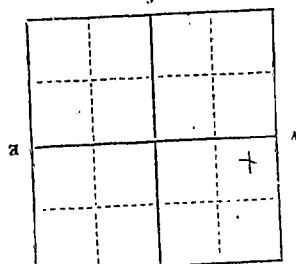
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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: Karcher, J. L.
Address: Brookings, Montana
File: _____
Date well started: June 15, 1970
completed: June 18, 1970

Type of well: Drilled
(Dug, driven, bored or drilled)
Equipment used: Rotary
(Chain drill, rotary or other)
Water Use: Domestic ☐ Irrigation ☐ Stock ☒ Municipal ☐ Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☐
Describe Artesian
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and Addition).

ESTIMATED ANNUAL WITHDRAWAL	Size of Hole	Size and Depth of Casing	From To (feet)	Kind Size (feet)	PERFORATIONS	To (feet)
3"	6"	4" 10'	0	6"	6" x 4"	790
4"	6"	6"	620	6"		880
6"	6"	2" 3.62'	60	6"		930
			983			957



Static water level: Flow
Pumping water level: Artesian
at 8 gallons per minute, measured 8 minutes after pumping began.
Well developed by Natural flow
for hours
Power: Artesian Pump
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Sealed by flange packer
Controlled by valve

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

Driller's Signature: [Signature]
Box 241, Broadus, Montana
Driller's Address

LICENSE NO. 182

Show exact depth of bottom

Top of Ground	From To (feet)	DRILLER'S LOG
2	8	Surface seal
8	14	Sand
14	37	Sand & gravel
37	40	Hard rock
40	45	Sandstone
45	49	Grey shale
49	101	Sandstone
101	110	Grey shale with thin layers
110	114	Grey shale with thin layers
114	119	Grey shale with thin layers
119	123	Grey shale with thin layers
123	136	Grey shale with thin layers
136	141	Hard rock
141	144	Sandstone
144	147	Sandstone
147	148	Sandstone
148	149	Sandstone
149	150	Sandstone
150	151	Sandstone
151	152	Sandstone
152	153	Sandstone
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499	500	Sandstone

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

DRILLER'S LOG

County: Brooks River

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 Randall Inc.

Address Broadus, Mont.

Date well started June 15, 1970

completed June 18, 1970

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

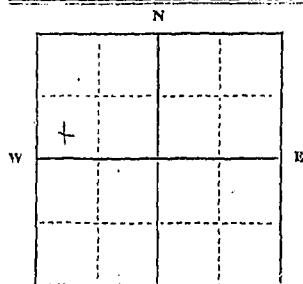
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe Artesian

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS	Kind Size	From (Feet)	To (Feet)
6"	4" 10	0	60				
4"		60	620				
3"		620	983				
	2" 3.62	60	957	6" 1/4"	714	790	
					830	880	
					930	957	



approx. SW 1/4 NW 1/4 Sec. 9
T. 6 N. R. 51 E. W.

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

Driller's Signature Harlan L. Jones

Driller's Address Box 241, Broadus, Montana

LICENSE NO. 182

County Powder River

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		(feet above sea level)
From (Feet)	To (Feet)	
0	8	Surface soil
8	14	sand
14	37	Sand & gravel
37	40	hard rock
40	49	Sandstone
49	140	grey shale
140	191	Sandstone
191	414	grey shale with coal streaks
414	439	Sandstone
439	536	grey shale with coal streaks
536	574	Sandstone
574	578	hard rock
578	584	Sandstone
584	638	grey shale
638	657	Sandstone
657	704	grey shale
704	706	hard rock
706	735	Sandstone
735	739	hard rock
739	794	Sandstone
794	827	grey shale
827	864	Sandstone
864	867	hard rock
867	879	Sandstone
879	930	grey shale
930	967	Sandstone
967	983	grey shale

FILED Rec. No. 92715
County of Powder River, Montana
I hereby certify that the within instrument was filed for record in this office, on the 29 day of June, 1973 at 2:22 o'clock P.M. Fee \$2.00 paid
Charlotte E. Leland
County Clerk and Recorder
By: Arlyn B. Leland
Deputy

983 Show exact depth of bottom

56626

78640
File No. 8-25-66
Filed: 11, 01 219
Charles Edwards, M.
Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE WATER CONSERVATION BOARD

SEP 29 1966

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

OWNER Bill Staver Address Brookings, Mont.
DRILLER Carl Drane Address Brookings, Mont.
Date of Notice of Appropriation of Groundwater July 1966
Date well started July 1966 Completed July 1966
Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Other ☐
Industrial ☐ Drainage ☐ Irrigation ☐

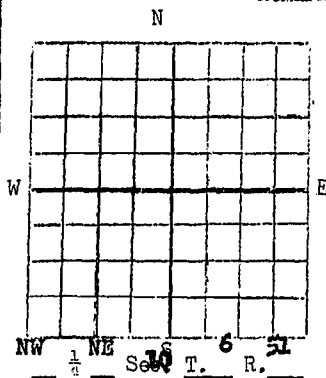
Top of Ground
(Elev. above sea level)
0 - 2 top soil
46 - 49 yellow clay
126 - 128 shale
129 - 140 shale with coal
140 - 280 shale & coal streaks
280 - 302 coal & sand streaks

Indicate on diagram character and thickness of different strata met in drilling - e.g. soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind Size	From (feet)	To (feet)
8 1/2"	4" I.D. 9.3#	0	302	2x4" slots	282	302

Static Water Level for non-flowing well _____ feet.
Shut-in Pressure for Flowing Well _____ feet.
Pumping Water Level _____ feet at _____ gal. per minute.
Discharge in _____ flowing well _____ ft/min.
How Tested _____ Length of Test _____

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



STATE OF MONTANA
County of _____) SS.

_____ having first been duly sworn, depose and say that _____ of lawful age and _____ the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name _____ subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

20
Driller's License Number
Carl Drane
Driller's Signature

Subscribed and sworn to before me, this 25 day of Aug, 1966

Charles Edwards
CHARLOTTE EDWARDS
CLERK & RECORDER
POWDER RIVER COUNTY, MONTANA

(41, 453)

File No. 7368.7-2

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 21 E

13

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

1. Pearl F. Nash, of Broadus, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. <u>13</u>	Sec. <u>13</u>	Sec. <u>17</u>	Sec. <u>14</u>	Sec. <u>5</u>	Sec. <u>6</u>
W E L L S	No. <u>17</u>	No. <u>28</u>	No. <u>39</u>	No. <u>410</u>	No. <u>5</u>	No. <u>6</u>
2. Beneficial Use	Stock	Stock	Stock	Stock		
3. Date of use	Summer	Summer	Summer	Summer		
How continuous	Steady	Steady	Steady	Steady		
4. Amount claimed	10 gpm	10 gpm	10 gpm	10 gpm		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location	SESW	NWSE	SWNW	NWSW		
6. Withdrawal means	Windmill	Windmill	Windmill	Windmill		
7. Completion date			1945	1960		
8. Water depth table	140' to 200'		80'			
Type						
9. Size & depth	4" x 200'	4"	4" x 90'	4" x 160'		
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available	#7 0-70 - Sand 70-95 - Shale 95-110 - Water, Sand, Coal 110-140 - Shale 140-200 - Sand, Coal, Water					

STATE OF MONTANA)

Signature of Owner Pearl F. Nash

County of Powder River)

ss.

Date December 3, 1962

Pearl F. Nash having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
3rd day of December, 1962.

[Signature]
Clerk and Recorder,
Powder River County
Broadus, Montana

[Signature]

2780

74982 . Filed,
12-10, 1963,
at 2:08 P. M.
\$2.00 fee, paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 51 E

RECEIVED
DEC 28 1963

Reville Godley, Deputy
Clerk and Recorder

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

STATE ENGINEER

1. John Olson and Robert Kercheval, of Broadus,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

WELLS	Sec. <u>34</u>	Sec. <u>34</u>	Sec. <u>36</u>	Sec.	Sec.	Sec.
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	stock	stock			
3. DATE OF USE	1916	1963	1959			
4. How continuous	constant	constant	constant			
Amount claimed						
4. (gal. per minute)	14	19	9			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SWSE	NWNE	SESW			
Withdrawal means	artesian	artesian	artesian			
7. Completion date	1916	1963	1959			
8. Water depth table	-0-	-0-	-0-			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 600'	2" x 670'	2" x 880'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

John E. Olson
Robert Kercheval
Date 12-5-63

John E. Olson and Robert Kercheval having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 5th day of December, 1963.

Reville Godley deputy

(1176)

74981. Filed,
12-10, 1963,
at 2:06 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps 6 S, Rge 5 E

RECEIVED
DEC 23 1963

Edna M. Olson
Clerk and Recorder

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

STATE ENGINEER

1. Edna M. Olson, of Broadus,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 35	Sec. 34	Sec. 23	Sec. 23	Sec. 34	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	stock	domestic stock	domestic stock	stock	
3. DATE OF USE	1960	1960	1927	1935	1927	
How continuous	constant	constant	constant	constant	constant	
4. Amount claimed (gal. per minute)	1	1	1/2	1/2	1	
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NE1/4	SE1/4	SE1/4	SE1/4	SW1/4	
Withdrawal means	windmill	windmill	windmill	windmill	windmill	
7. Completion date	1960	1960	1927	1935	1927	
8. Water depth table	180'	180'	180'	136'	180'	
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	4" x 250'	4" x 200'	2" x 235'	2" x 156'	2" x 210'	
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Edna M. Olson

Date 12-5-63

Edna M. Olson having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 5th day of December, 19 63.

Edna M. Olson
deputy

11766

File No. 78008
Filed: 3-3 1966
at 1:30 P. M.
Clerk and Recorder
Powder River County
Deputy
Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Sec. 25 T-6 R-51

STATE WATER CONSERVATION BOARD

MAY 26 1966

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

Bill _____ McDermott _____
McNulty _____
Morton _____
Coyne _____ Sullivan _____
Darrington _____

OWNER Roy Mark Address Decatur, Montana

DRILLER Frank Randy Jr. Address Decatur, Montana

Date of Notice of Appropriation of Groundwater none filed

Date well started _____ Completed _____

Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

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

Size of Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS
				Kind Size From (feet) To (feet)
	4"		191	

Static Water Level for non-flowing well 122 feet.

Shut-in Pressure for Flowing Well _____

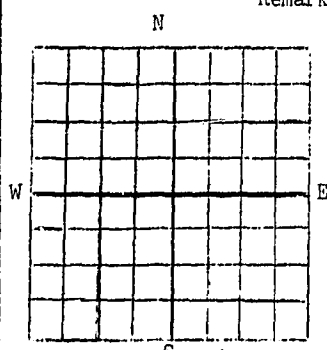
Pumping Water Level 160 feet at _____ gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested _____ Length of Test _____

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

Top of Ground (Elev. above sea level)
0-56 surface soil
56-59 coal
59-178 sand stone
178-190 blue shale



NE 1/4 Sec. 5 T. 6 R. 51
Sec. 25

STATE OF MONTANA
County of POWDER RIVER) SS.

Roy Mark having first been duly sworn, depose and say that he is of lawful age and that the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

#202
Driller's License Number
Frank Randy Jr.
Driller's Signature

Subscribed and sworn to before me, this 3 day of January, 1966

CHARLOTTE EDWARDS
Notary Public
State of Montana

4-10-85

75107 Filed,
12/19/, 19 63,
at 9:10 A. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER







26
7 52 6
Twp 6 S, Rge 51 E

RECEIVED
MAR 9 1964

Lucille Godsey, deputy DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marvel Mark, of Broadus, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-51E	6S-52E	6S-52E	6S-52E	7S-52E	7S-52E
						
	Sec. 26	Sec. 31	Sec. 31	Sec. 31	Sec. 6	Sec. 7
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Domestic Stock	Stock	Stock	Stock	Stock
3. DATE OF USE	1939	1957	1915	1915	1915	spring
How continuous	6 months	constant	5-6 mo.	5-6 mo.	5-6 mo.	5-6 mo.
4. Amount claimed (gal. per minute)	A11	A11	A11	A11	A11	A11
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	Lot 2	SE1/4	NE1/4	NE1/4	NE1/4	NE1/4
Withdrawal means	windmill	ol. pump	ol. pump	windmill	windmill	windmill
7. Completion date	1939	1957	1915	1915	1915	spring
8. Water depth table	180'	180'	180'	180'	180'	-0-
Type (drilled or dug)	Drilled	Drilled	Drilled	Drilled	Drilled	spring
9. Size & depth	1 1/2"x200'	1 1/2"x200'	1 1/2"x200'	1 1/2"x200'	1 1/2"x200'	-0-
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						
	NO LOGS					

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner Marvel Mark

Date 12/19/63

Marvel Mark having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 19th day of December, 19 63.

Marvel Mark
Lucille Godsey, Deputy
35223

75003
Filed,
19
at M.
\$2.00 fee paid

(2)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 3, Rge 3

RECEIVED
DEC 23 1963

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

Clerk and Recorder

STATE ENGINEER

1. Ernest Fredrickson, of Arcadius
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

65-512

	Sec. 25	Sec. 25	Sec. 36	Sec. 30	Sec. 34	Sec. 34
WELLS	No. 1x 7	No. 2x 8	No. 3x 9	No. 4x 10	No. 5x 11	No. 6x 12
Basis of Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
DATE OF USE	1946	1946	1910	1961	constant	constant
3. How continuous	constant	constant	constant	constant	constant	constant
Amount claimed	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm
4. (gal. per minute)						
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location	SE 1/4 windmill	SE 1/4 pump	NE 1/4 windmill	Lot 7 windmill	NE 1/4 spring	SE 1/4 spring
6. Withdrawal means						
7. Completion date	1946	1946	1910	1961		
8. Water depth table	45'	60'	40'	14'	-0-	-0-
Type (drilled or dug)	drilled	drilled	drilled	drilled	spring	spring
9. Size & depth	3"x10"	3"x100"	3"x60"	3"x205"	-0-	-0-
Estimated annual	936,000 gal.	936,000	936,000	936,000		
10. Amount withdrawn						
11. Other information						
12. Log, if available	NO LOGS					

STATE OF MONTANA)
ss.
County of Powder River)
Ernest Fredrickson

Signature of Owner /s/ Ernest Fredrickson

12/10/63

Date

having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

10th. December 63
Subscribed and sworn to before me this day of Clerk and Recorder, Powder River County

RECEIVED

County... POWDER RIVER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 8 1972

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Ernest F. Reidrickson

Address B roadus, Mont.

Date well started 11-2-72

completed 11-4-72

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

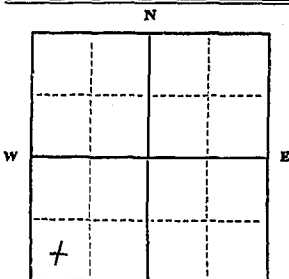
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	6" surface	0	85			
6"	4" 10"	0	293			
	2 1/2" std.	293	576	4 x 1/2" slots	482	576



S.W. 1/4 S.W. 1/4 Sec. 30
T. 6 N. R. 5 E
S

Static water level 150 ft.*
Pumping water level 250 ft.*
at 8 gallons per minute,
measured 8 minutes after pumping began.

*Measured from ground level.
Well developed by drilling
for 2 hours.

Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
seated at 440 ft.

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

Driller's Signature Carl Drane

Driller's Address B roadus, Mont.

LICENSE NO. 20

Top of Ground

(Elev. above sea level)

From (Feet)	To (Feet)	
0	18	san dy clay
18	82	gravel
82	87	blue clay
87	98	blue san d
98	102	blue clay
102	105	coal
105	124	blue clay
124	127	soft rock
127	158	blue san d
158	452	blue clay
452	490	blue shale w/sand
490	507	blue san d
507	580	blue shale w/san d

FILED #91632

Office of
COUNTY CLERK and RECORDER
County of Powder River, Montana

I hereby certify that the within instrument was filed for record in this office on the 7th day of DECEMBER 1972

12.32 P M
Charlotte Edwards

County Clerk and Recorder

By Deputy Deputy

Fee 2.00 Paid

580

Show exact depth of bottom

51,916

File No. 74666
Filed October 22, 1963 at
9:05 A.M. \$2.00 fee pd.
Lucille Godsey, deputy
Clerk and Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Two 7 S, Rge 5 E

RECEIVED
OCT 23 1963
STATE ENGINEER

1. Robert M. Frankforter, of Broadus
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	6-51	7-50 ✓	7-50 ✓	6-51		
	Sec. 31	Sec. 12	Sec. 1	Sec. 31	Sec. 5	Sec. 6
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	stock	stock	stock & domestic		
3. Date of use	1960	1946	1954	1954		
How continuous	constant	constant	constant	constant		
4. Amount claimed	3 gpm	1 1/2 gph	5 gpm	3 1/2 gpm		
Irrigated description						
5. Irrigation owner						
Irrigated acreage						
6. Withdrawal means	SWNE windmill	NWNE windmill	SWNW windmill	SWSW pump		
7. Completion date	1960	1946	1954	1954		
8. Water depth table	156'	230'	190'	570'		
Type	drilled	drilled	drilled	drilled		
9. Size & depth	4" x 180'	2" x 260'	4" x 210'	4" x 240'		
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available	#1- 0-65 blue shale 65-75 dry water sand 75-156 blue shale and coal 156-190 water sand 190-180 blue shale	#2 0-230 blue shale and coal 230-246 water sand 246-260 blue shale	#3 0-150 sand rock 150-165 coal, clay, sand 165-210 water sand	#4 0-85 coarse gravel 85-130 blue shale & coal 130-140 water sand 140-410 blue shale & coal 410-416 water sand 416-470 blue shale & coal 470-480 water sand 480-610 blue shale & coal 610---- water sand		

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Robert M. Frankforter

Date 9-10-63

Robert M. Frankforter having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
10th day of Sept. 19 63.
Lucille Godsey, deputy
Clerk and Recorder
Powder River County
Broadus, Montana

Robert M. Frankforter

6576

75275
5275 Filed,
12-30, 1963,
at 2:15 P.M.
Isabelle County
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 1 E

RECEIVED
MAR 9 1964

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

1. Charles G. Patten, of Broadus, Montana, STATE ENGINEER,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-52E	6S-51E	7S-52E			
	Sec. 20	Sec. 30	Sec. 1	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Stock	Stock			
DATE DRILLED	1936	1943	1959			
3. How continuously used	constant	constant	constant			
Amount Claimed						
4. (gal. per minute)	10 gpm	3 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SWSW	NENE	SENE			
6. Withdrawal means	windmill	windmill	windmill			
7. Completion date	1936	1943	1959			
8. Water depth table	50'	70'	200'			
Type (drilled or dug)	dug	drilled	drilled			
9. Size & Depth	6"x50'	2"x120'	2"x350'			
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Charles G. Patten

Date 11/23/63

Charles G. Patten having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
30th. day of December, 1963.

Isabelle County
Clerk & Recorder, Powder
River County, Broadus, Montana

Charles G. Patten

125288

GROUNDWATER INDEX

Page 1 of 1

County POUNDER RIVER Twp. 6 SOUTH Rge. 52 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	SCHAFER, CAROL L.		75312	
3	PHILLIPS, ELLEN A		75270	} SAME FORM
4	" "		75270	
4	RITER, EVERETT		75725	
6	PATTEN, CHARLES		77023	
6	KRAMLICH, FRED A		75274	} SAME FORM
6	" "		75274	
6	STUVER, WILLIAM	GW-2	79457	
8	STUVER, WILLIAM J.		75260	} SAME FORM
9	" "		75260	
9	STUVER, ARTHUR		75304	
10	STUVER, WILLIAM J.		75260-2	
13	RUE, VICTOR H.		75100	
14	SCHAFER, CAROL L.		75312	} SEE SEC. 2
14	" "		75312	
15	STUVER, WILLIAM J.		75260-2	} SEE SEC. 10
15	" "		75260-2	
16	COX, OWEN		72445	
17	LIDEN, JOE A.		72442	
20	PATTEN, CHARLES G.		75275	
21	COX, OWEN		72445	} SEE SEC. 16
22	" "		72445	
22	" "		72445	
22	MAHONEY, DONALD G.		85870	
25	COX, OWEN		72445	SEE SEC. 16
26	REITZ & CRITES		74986	
27	MAHONEY, DONALD G.	GW-2	78333	
27	MAHONEY, D. G.		74285	} SAME FORM
27	" "		74285	
27	" "		74285	
29	COX, OWEN		72445	SEE SEC. 16
29	MAHONEY, D. G.		74285	SEE SEC. 27
29	MAHONEY, D. G.		84010	
31	MORRIS, MARVEL		75107	} SAME FORM
31	" "		75107	
31	" "		75107	
33	RITER, EVERETT		74987	} SAME FORM
33	" "		74987	
35	" "		74987	
35	REITZ & CRITES		74986	SEE SEC. 26
	NISLEY, JOHN E.	GW-2	73329	

75312, Filed,
12/31, 1963
at 11:55 A.M.

Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

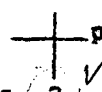
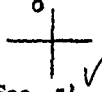
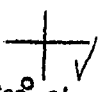
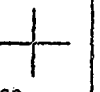
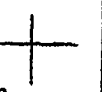

Twp 6 S., Rge 32 E. 2

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

RECEIVED
MAR 9 1964

1. Carrol L. Schaffer, of Broadus, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater and water under
the Montana Laws in effect prior to January 1, 1962, as follows:

Waite Land

	 Sec. 2	 Sec. 1h	 Sec. 1h	 Sec.	 Sec.	 Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Dam & Stock	Stock			
DATE DRILLED	1920	1920	1930			
3. How continuously used	constant	constant	constant			
Amount Claimed						
4. (gal. per minute)	15 gpm	15 gpm	25 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SENE	NENW	SESW			
6. Withdrawal means	flow	flow	flow			
7. Completion date	1920	1920	1930			
8. Water depth table	-0-	-0-	-0-			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	4"x100'	4"x100'	4"x300'			
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						
		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Carrol L. Schaffer

Date 12/31/63

Carrol L. Schaffer having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
31st. day of December, 1963.

Lucille Godsey
Clerk & Recorder, Powder
River County, Broadus, Montana

Carrol L. Schaffer

(35417)

75070 Filed,
12-17, 19 63,
at 1:05 P. M.
\$2.00 Fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

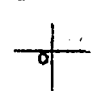

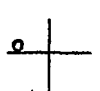
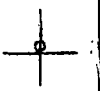


Twp 5 S, Rge 51 E

RECEIVED
DEC 28 1963

Lucille Godsey, deputy DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ellen A. Phillippi, of Broadus, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	5-51	5-51	5-51	5-51	6-52	6-52
						
	Sec. 36	Sec. 25	Sec. 24	Sec. 25	Sec. 4	Sec. 3
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Domestic	Stock	Stock	Stock	Stock
3. DATE OF USE	4-20-53	10-11-52	1941	1932	1936	1934
How continuous	summer	constant	summer	constant	summer	constant
4. Amount claimed (gal. per minute)	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm	10 gpm
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NE1/4	SE1/4	SW1/4	SE1/4	NE1/4	SE1/4
Withdrawal means	pump	pump	pump	pump	pump	flow
7. Completion date	4-20-53	10-11-52	1941	1932	1936	1934
8. Water depth table	85'	273'	180'	220'	160'	-0-
Type (drilled or dug)	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled
9. Size & depth	4" x 173'	2" x 325'	2" x 360'	2" x 250'	3" x 220'	2" x 700'
10. Estimated annual Amount withdrawn						
11. Other information				Well No. 2		
12. Log, if available	Well No. 1					
	Earl Drane April 20, 1953					
	0 - 31	Yellow sand & clay		1- 18	Sandy	
	31 - 40	Clay		18- 20	Coal & clay	
	40 - 80	Yellow sand rock		20- 80	Clay or shale	
	80 - 128	Shale		80- 82	rock	
	128 - 140	Coal & Shale		82- 90	shale	
	140 - 150	Shale		90- 130	Water sand	
	150 - 155	Coal		130- 185	Shale	
	155 - 160	Shale		185- 200	Shale/sand & coal	
	160 - 168	Water sand		200- 215	Shale	
	168 - 173	Shale		215- 216	Rock	
				216- 275	shale/coal	
				275- 280	sand rock	
				280- 315	water sand	
				315- 325	Shale	

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner /s/ Ellen A. Phillippi

Date 12/17/63

Ellen A. Phillippi having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 17th day of December, 19 63.

Lucille Godsey
Clerk & Recorder
Broadus, Montana

File No. 75725
Filed: May 21, 1964
at 1:00 P. M.
Lucille Godsey, deputy
Clerk and Recorder
Powder River County
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 6S R 52E

RECEIVED
JUN 11 1964

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Top of Ground
(Elev. above sea
level)

0	2	clay
2	30	yellow sand
30	50	shale
50	55	coal
55	57	rock
57	100	shale
100	110	sand stone
110	185	shale
185	186	rock
186	206	sand
206	250	shale
250	281	sand

OWNER Everett Riter Address Broadus, Mont.

DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started 4-27-64 Completed 5-1-64

Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of		Size & Weight		From		To		PERFORATIONS	
Drilled		of		(feet)		(feet)		Kind	
Hole		Casing						Size	
6"		4"		97		0		281	
								slotted	
								231	
								201	

Static Water Level for non-flowing well 190 feet.

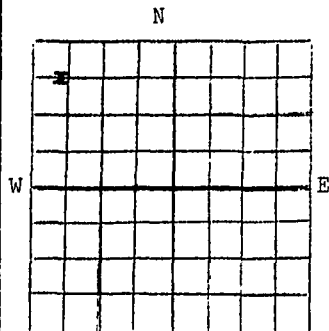
Shut-in Pressure for Flowing Well _____

Pumping Water Level 215 feet at 5 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested pumping Length of Test 2 hrs.

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



NW $\frac{1}{4}$ NW Sec. 4 T. 69 R. 52E

STATE OF MONTANA)
County of Powder River)SS.

Everett Riter having first been duly sworn, depose s and say s
that he is of lawful age and is the appropriator and claimant of the
order and water right mentioned in the foregoing notice of completion of groundwater appropri-
ation by means of well and the person whose name is subscribed thereto, as the appropri-
ator and claimant, that he knows the contents of said foregoing notice and that
the matters and things therein stated are true.

Everett Riter
Driller's Signature

Subscribed and sworn to before me, this 21st day of May, 1964

Lucille Godsey deputy
Powder River County
Clerk and Recorder
Broadus, Montana (38174)

File No. 77023
Filed: May 3 19 65
at 4:00 P. M.
(Rubin Edwards)
Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 6 S R 52 E

STATE WATER CONSERVATION BOARD
RECEIVED
JUL 27 1965

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961) REFERRED TO _____

Top of Ground
(Elev. above sea
level)
0 - 5 top soil
5 - 10 gravel
10 - 25 blue shale
25 - 40 sand rock
40 - 55 shale & coal streaks

OWNER Charles Patten Address Bronck, Montana

DRILLER Earl Drane Address Bronck, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started April 1965 Completed April 1965

Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling - e.g. soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind Size	From (feet)	To (feet)
6"	4" I.D. 9#	0	55	slots 1x4	25	55

Static Water Level for non-flowing well 25 feet.

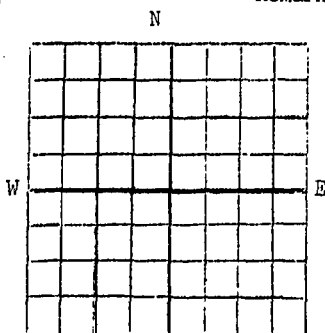
Shut-in Pressure for Flowing Well _____

Pumping Water Level 49 feet at 4 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested pumping & bailing Length of Test 2 hrs.

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



1/4 Sec 6, T. 6 S R. 52 E

STATE OF MONTANA
County of Powder River SS.

Charles Patten having first been duly sworn, deposes and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Charles Patten

Subscribed and sworn to before me, this 3 day of May, 1965

Rubin Edwards 39332

75274, Filed,
12/30, 1963,
at 2:05 p.m.

Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp. 6 S. Rge. 3 E. 6
RECEIVED
MAR 9 1964

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

STATE ENGINEER

1. Freda Kramlich, of Broadus, Montana
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 6	Sec. 6	Sec.	Sec.	Sec.	Sec.
W.E.L.L.S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Stock				
DATE DRILLED	1945	1948				
3. How continuously used	constant	constant				
Amount Claimed						
4. (gal. per minute)	8 gpm	10 gpm				
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SE 1/4	NE 1/4				
6. Withdrawal means	pump	windmill				
7. Completion date	1945	1948				
8. Water depth table	100'	60'				
Type (drilled or dug)	drilled	drilled				
9. Size & Depth	4" x 120'	4" x 100'				
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						
	NO LOGS					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Freda Kramlich

Date 12/30/63

Freda Kramlich having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
10th. day of December 1, 1963.

Lucille Godsey, Deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

Freda Kramlich

35-381

RECEIVED

GW -

File No. 79457

Filed: 3:30 P.M. ~~XX~~
at 8-10-1967 ~~XXX~~

OCT 25 1967

Charlotte Edwards

Notice of COMPLETION of Groundwater

Twp. 6 Rge 52

Clerk and Recorder

Appropriation by Means of Well

Powder River County (Under Chapter 237, Montana Session Laws, 1961)

By ~~Myrtle M. Edmon~~

Fee- \$2.00

Deputy

OWNER William Stuver

Address Broadus, Mont.

Top of Ground -

Elev. above sea level.

DRILLER Earl Drane

Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater

0 17 sandy clay
17 20 gravel
20 80 b lue clay, coal strks.
80 116 b lue clay
116 118 rock
118 122 sand
122 160 shale
160 194 sand, shale strks.
194 202 shale

Date well started 7-26-67

Completed 7-27-67

Type of Well drilled

Equipment Used rotary

(dug, driven, bored, drilled)

(churn, drill, rotary, ot)

Water Use: Domestic; Municipal; Stock ✓; Other;

Industrial; Drainage; Irrigation;

Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
6"	4"	94'	0	2 1/4" slots	140	302

Static Water Level for non-flowing well 150 feet

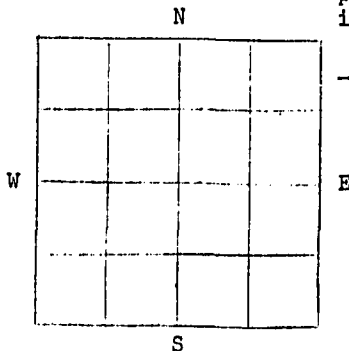
Shut-in Pressure for Flowing Well

Pumping Water Level 162 feet at 8 gal. per minute.

Discharge in Gal. per min. of flowing well

How Tested pumping & bailing Length of Test 2 1/2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



20

Driller's License NO.

Earl Drane
Driller's Signature

Sec 9, Twp. 6, Rge 52 East.

STATE OF MONTANA)
County of Powder River) ss.

William Stuver having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mention in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein are true.

Owner's Signature

William Stuver

Subscribed and sworn to before me, this 10th day of August, 1967.

Charlotte Edwards, By ~~Myrtle M. Edmon~~ Deputy
Clerk and Recorder

43428

75260
5260, Filed,
12-30-19 63
at 12:00 AM,
Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 2 E

RECEIVED
MAR 9 1964

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

1. William J. Stuver, of Broadus, Montana, County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-52E	5S-50E	6S-52E	5S-51E	5S-51E	5S-51E
	Sec. 8	Sec. 35	Sec. 9	Sec. 31	Sec. 30	Sec. 30
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
1. Basis of Beneficial Use	Stock	Stock	Stock	Stock	Domestic	Stock Domestic
2. DATE INSTALLED	1948	1936	1943	1946	1943	1943
3. How continuously used	summer	winter	summer	winter	constant	constant
4. Amount claimed	4 gpm	8 gpm	4 gpm	8 gpm	4 gpm	8 gpm
5. (gallons per minute)						
6. Irrigated description						
7. Irrigation owner						
8. Irrigated acreage						
9. Location (40 acres)	NENE	NENE	ESE	SWSW	NNNW	NNNW
10. Withdrawal means	pump	artesian	pump	artesian	artesian	artesian
11. Completion date	1948	1936	1943	1946	1943	1943
12. Water depth table	120'	-0-	40'	-0-	-0-	-0-
13. Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
14. Size & Depth	2 1/2"x200'	2"x300'	2"x620'	2"x425'	2"x425'	2"x500'
15. Estimated annual amount withdrawn						
16. Other information						
17. Log, if available			NO LOGS			

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: *William J. Stuver*

Date 10/30/63

William J. Stuver having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 30th. day of December, 1963

Lucille Godsey, Deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

William J. Stuver

35374

75304 Filed,
at 12-31, 1963,
11:15 A.M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 52 E

Lucille Sedgewick, deputy
Clerk and Recorder

DECLARATION OF VESTED GROUNDWATER RIGHTS
\$2.00 fee paid (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
MAR 9 1964

STATE ENGINEER

1. Arthur Stuver, of Broadus, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 9	Sec.	Sec.	Sec.	Sec.	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock					
DATE DRILLED	1934					
3. How continuously used	constant					
Amount Claimed						
4. (gal. per minute)	15 gpm					
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	NENW					
6. Withdrawal means	pump					
7. Completion date	1934					
8. Water depth table	795'					
Type (drilled or dug)	drilled					
9. Size & Depth	2" x 810'					
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available	No Log					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Arthur Stuver

Date 12/31/63

Arthur Stuver having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

31st day of December, 19 63.

Lucille Sedgewick
Clerk & Recorder, Powder
River County, Broadus, Montana

Arthur Stuver

(35410)

75260, Filed, (2)

at 10:30, 1963,
12:00 A.M.L. J. G. G. deputy
Clerk and Recorder
\$2.00 fee paidSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S. Rge 52 E 10

RECEIVED
MAR 9 1964DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. William J. Stuver, of Broadus, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 10	Sec. 15	Sec. 15	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Stock	Stock			
DATE DRILLED	1945	1941	1934 & 1946			
3. How continuously used	summer	summer	summer			
Amount Claimed						
4. (gal. per minute)	3 gpm	4 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	NENE	NNW	SESW			
6. Withdrawal means	pump	flow	flow			
7. Completion date.	1945	1941	1934 & 46			
8. Water depth table	130'	-0-	-0-			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	2 1/2" x 225'	2" x 150'	2" x 600'			
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: /s/ William J. Stuver

Date 12/30/63

William J. Stuver having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

30th day of December, 1963.

Clerk & Recorder, Powder
River County, Broadus, Montana

35374

#25100. Filed,
at _____, 19____,
\$2.00 fee paid _____ M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps. _____ S, Rge. _____ E

RECEIVED
MAR 9 1964

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

1. Victor H. Rue, of _____, STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-52E	6S-53E	8S-52E			
	Sec. 13	Sec. 20	Sec. 10	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic Stock	Stock	Stock			
3. DATE OF USE	1964	1964	1967			
How continuous	constant	constant	constant			
Amount claimed (gal. per minute)						
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NWSE					
Withdrawal means	well	well	well			
7. Completion date	1964	1964	1967			
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 30'	2" x 30'	2" x 250'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

Victor H. Rue

Date

Victor H. Rue having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true. 35217

Subscribed and sworn to before me this 10th day of _____, 19____.

#25100 Filed,
1954,
at . M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps S, Rge E

RECEIVED
MAR 9 1954

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

1. Victor H. Rue, of STATE ENGINEER,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	65-52E	65-53E	85-52E			
	Sec. 13	Sec. 20	Sec. 10	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic Stock	Stock	Stock			
3. DATE OF USE	1924	1926	1927			
How continuous	constant	constant	constant			
4. Amount claimed (gal. per minute)	10 gpm	15 gpm	5 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NWSE	SWSE	SWSE			
Withdrawal means	artesian	artesian	artesian			
7. Completion date	1924	1926	1927			
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 30'	2" x 250'	2" x 250'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner

Victor H. Rue

Date 10-1-54

Victor H. Rue having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 10th day of October, 1954.

Victor H. Rue 35217

File No. 73 445
Filed March 29, 1962
at 1:20 p.m.
\$2.00 fee Paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 52 E

RECEIVED
APR 2 1962

Check locations
DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk & Recorder *ss* (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Owen Cox, of Broadus,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. 25	Sec. 21	Sec. 16	Sec. 22	Sec. 22	Sec. 25
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock Water	Stock Water	Pump Well Stock	Stock Water	Stock & House Water	Stock Water
3. Date of use	1950	1943	1925	1941	May 1959	1952
How continuous	8 Mon.					
4. Amount claimed	3 gal/min	3 gal/min	6 gal.	3 gal/min	14 gal/min	3 gal.
Irrigated description						
5. Irrigation owner						
Irrigated acreage						
6. Location	NE 1/4	SE 1/4	SE 1/4	NE 1/4	SE 1/4	SW 1/4
Withdrawal means					flow	pump
7. Completion date	1950	1943	1925	1941	May 1959	1952
8. Water depth table	spring surface	260'	500	500	400	508
Type	spring	drilled	drilled	drilled	Flow	Drilled
9. Size & depth		2" X 628	2" X 500'	2" X 500'	2" X 415'	2" X 526'
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available		Log (Reverse side)	No Log	No Log	Log	Log

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Owen Cox

Date March 29, 1962

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

Subscribed and sworn to before me this
29th day of March, 1962.

Franklin Hobbs, Clerk
Clerk and Recorder
Powder River County
Broadus, Montana

Owen Cox

Number 2 Well	
0-12	Soil
12-17	Gravel
17-33	Gumbo
33-37	Gravel
37-53 1/2	Gumbo
53 1/2-57 1/2	Rock
57 1/2-62 1/2	Sandy Clay
62 1/2-63 1/2	Rock
63 1/2-90	Sandy Clay
90-100	Water Sand
100-117	Sandy Slate
117-117 1/2	Coal
117 1/2-176 1/2	Sandy Slate
176 1/2-178	Rock
178-184	Black shale
184-185 1/2	Rock
185 1/2-186	Shale
186-204	Water sand
204-224	Brown shale
224-231	Coal
231-240	Brown & Gray Shale
240-244	Coal
244-254	Brown Shale
254-255 1/2	Coal
255 1/2-283	Gray Shale
283-284	Rock
284-364	Blue & Gray Shale
364-365 1/2	Rock
365 1/2-374	Water, sand
374-376 2/3	Rock
376 2/3-397	Water sand
397-400	Brown shale
400-414	Blue Shale
414-438	White sand stone
438-477	Blue Shale
477-492	Sandy Blue Shale
494-503 1/2	Water sand
503 1/2-504	Rock
504-556	Sandy blue, Brown & Gray Shale
556-564	Sand/water
564-565 3/4	Rock
565 3/4-573	Water sand
573-585	Sandy blue & Brown shale
585-604 3/4	Sandy blue, brown shale/Coal
604 3/4-605 1/2	Rock
605 1/2-610	Blue Clay
610-626	Water sand
626-628	Blue shale

Number 5 Well	
0-20	Sandy
20-54	Sandy & gravel
54-70	Blue shale
70-90	Water Sand
90-127	Blue clay
127-128	Rock
128-144	Shale
144-150	Coal
150-250	Shale blue
250-262	Sand
262-306	Shale/sand streaks
306-315	Shale
315-350	Shale sand
350-370	Shale
370-385	sand
385-390	Shale
390-410	Sand
410-415	Shale

Number 6 Well	
1-20	Sandy top soil
20-35	Gravel
35-43	Shale
43-51	Gravel
51-54	Shale & Coal
54-270	Shale/coal streaks
270-315	Sand
315-342	Shale
342-346	Rock
346-355	Sand & Shale
355-383	Shale
383-384	Rock
384-386	Sand
386-387	Rock
387-444	Hard sand rock
444-451	Sand & Coal
451-452	Rock
452-465	Sand & Shale
465-466	Rock
466-470	Sand
470-471	Rock
471-510	Sand
510-526	Shale

File No. 72442
Filed March 29, 1962
at p.m.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Tw 6 S, Rge 52 E
RECEIVED
MAR 2 1962

DECLARATION OF VESTED GROUNDWATER RIGHTS
Under Chapter 237, Montana Session Laws, 1961)
1. JOE A. LIDEEN, of BROADUS,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

WELLS	Sec. <u>17</u>	Sec.	Sec.	Sec.	Sec.	Sec.
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock water					
3. Date of use	1950 approx.					
How continuous	constant					
4. Amount claimed						
Irrigated description						
5. Irrigation owner						
Irrigated acreage						
6. Location	W 1/2 Sec 17					
Withdrawal means	pump					
7. Completion date	1950 approx.					
8. Water depth table						
Type	drilled					
9. Size & depth	4" 364'					
Estimated annual						
10. Amount withdrawn	2" cylinder with 10" stroke					
11. Other information						
12. Log, if available						

STATE OF ~~MONTANA~~ ILLINOIS
LOUISIANA ss.
County of Powder River

Signature of Owner Joe A. Lideen
Date 3/19/62

JOE A. LIDEEN having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
19th day of March, 1962.

Clerk and Recorder
Powder River County
Broadus, Montana

Hennrich B. Holm

75275 Filed.
12-30-1963,
at 4:10 P.M.
Irrigation Engineer, County
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1wp 6 S, Rge 1

RECEIVED
MAR 9 1964

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

1. Charles G. Patton, of _____, County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-52E	6S-51E	7S-52E			
	+	+	+	+	+	+
	Sec. 20	Sec. 36	Sec. 1	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
DATE DRILLED	1936	1943	1959			
3. How continuously used	constant	constant	constant			
4. (gal. per minute)	10 gpm	3 gpm	10 gpm			
Irrigated description						
Irrigation owner						
% Irrigated acreage						
Location (40 acres)	SWSW	NENE	SENE			
6. Withdrawal means	pump	windmill	windmill			
7. Completion date.	1936	1943	1959			
8. Water depth table	50'	90'	200'			
Type (drilled or dug)	dug	drilled	drilled			
9. Size & Depth	6"x60'	2"x120'	2"x350'			
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Charles G. Patton

Date 12/29/63

Charles G. Patton having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
30th. day of December, 1963.

Clerk & Recorder, Powder
River County, Broadus, Montana

Charles G. Patton

12-29-63

File No. 85870
Filed: March 24, 1970
at 10:00 A. M.
Clerk and Recorder
Powder River County (Under Chapter 227, Montana Session Laws, 1961)
2.00 cash pd.

EXHIBIT 1

Notice of COMPLETION of Groundwater
Appropriation by Means of Well
Donald G. Mahoney

27th Twp. 6 S., R. 52 E.
Sec. 22

OWNER _____ Address Broadus, Mont.
Top of Ground - _____
Elev. above sea level DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

0 4 top soil
A 20 clay
20 50 sand & gravel
50 100 blue shale
100 127 blue sand
127 270 blue shale
270 312 blue shale
312 314 rock
314 353 blue shale
353 403 blue sand
403 410 blue shale

Date well started Feb. 1970 Completed Mar. 1970

Type of Well drilled _____ Equipment Used rotary
(aug. driven, bored, drilled) (churn, drill, rotary, etc.)
(aug. driven, bored, drilled)

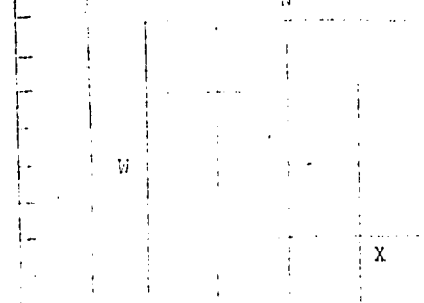
Water Use: Domestic _____; Municipal _____; Stock X _____; Other _____
Industrial _____; Drainage _____; Irrigation _____

Indicate on diagram character and thickness of different strata met in drilling - oil, coal, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind	From (feet)	To (feet)
8"	6" surface	0	55	slots		
4"	2" sts.	0	407	4 1/2"	354	403

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 shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



tested at 300 ft. cemented

20
Driller's License NO.
Earl Drane
Driller's Signature

Sec. 22, Twp. 6S, R. 52E, Sect.

STATE OF MONTANA ss.
County of Powder River

Donald G. Mahoney having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein set forth are true.

Owner's Signature: Donald G. Mahoney

Subscribed and sworn to before me, this 24 day of March, 1970.

MONTANA WATER RESOURCES BOARD
RECEIVED

MAR 31 1970

Shelley Edwards
Clerk and Recorder, Powder River Co
Broadus, Montana

46281

File No. 85270
Filed: March 24 1970
at 10:00 A. M.
Clerk and Recorder
Powder River County
2.00 cash pd.

INDEXED

Notice of COMPLETION of Groundwater
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)
Donald G. Mahoney

Twp. 6 S, R. 52 E
Sec. 22

OWNER _____ Address Broadus, Mont.
Top of Ground -
Elev. above sea level. DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

C 4 top soil
A 20 clay
20 50 sand & gravel
50 120 blue shale
120 127 blue sand
127 270 blue shale
270 312 blue shale
312 314 rock
314 325 blue shale
325 403 blue sand
403 410 blue shale

Date well started Feb. 1970 Completed Mar. 1970
Type of Well drilled _____ Equipment Used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, etc.)
Water Use: Domestic _____; Municipal _____; Stock ☒; Other _____;
Industrial _____; Drainage _____; Irrigation _____

Indicate on diagram character and thickness of different strata met in drilling - cl, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind	From (feet)	To (feet)
8" 4"	6" surface std.	0	55	slots		
		0	407	4 1/2"	354	403

Static Water Level for non-flowing well _____ feet
Shut-in Pressure for Flowing Well _____
Pumping Water Level _____ feet at _____ gal. per minute
Discharge in Cal. per min. of flowing well 24
How Tested _____ Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)

seated at 300 ft. cemented

Driller's License NO. 20

Driller's Signature

STATE OF MONTANA ss.
County of Powder River

Donald G. Mahoney having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Owner's Signature

Subscribed and sworn to before me, this 31 day of March, 1970.

MONTANA WATER RESOURCES BOARD

RECEIVED

MAR 31 1970

Clerk and Recorder, Powder River Co
Broadus, Montana

46281

74986 . Filed,
at 12-10, 1962,
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twps 4S, Rge 1E

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

RECEIVED
DEC 23 1962

1. Walter A. Gritter, of County of Powder River, State of MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6-52	6-53	6-52	7-52	7-52	7-52
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	stock	domestic stock	domestic stock	stock	stock
DATE OF USE	unknown	unknown	unknown	unknown	unknown	unknown
3. How continuous	continuous	continuous	continuous	continuous	continuous	continuous
4. Amount claimed (gal. per minute)	5	5	5	5	5	5
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SWM	SWM	SWM	SWM	SWM	SWM
Withdrawal means	Flowing	Flowing	Flowing	Flowing	Flowing	Flowing
7. Completion date	unknown	unknown	unknown	unknown	unknown	unknown
8. Water depth table	unknown	unknown	unknown	unknown	unknown	unknown
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	unknown	unknown	unknown	unknown	unknown	unknown
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						
	All wells, unless specified, were drilled prior to purchase in 1939.					

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner - Walter A. Gritter
W. A. Gritter

Date 11-22-62

Walter A. Gritter, h. P. A. Gritter having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 27th day of November, 1962.

Walter A. Gritter

117

File No. 78333
Filed: April 29 1966
at 3:00 P. M.
Charles E. Jensen
Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 6 R 52

STATE WATER CONSERVATION BOARD
JUL 26 1966

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

Donald G.

OWNER MAHONEY

Address BROADBENT

Top of Ground
(Elev. above sea
level)

DRILLER CASPER-DRILL

Address BOY-1515-CASPER

Date of Notice of Appropriation of Groundwater

Date well started FEB 28 Completed ARRIL - 8

Type of well DRILLED Equipment used ROTARY
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata
met in drilling - e.g. soil, clay, shale, gravel, rock, sand. Show
depth at which water is found, thickness and character of water-
bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS Kind Size	From (feet)	To (feet)
2 1/2"	1 1/2" 376	0	3 1/2'	Thompson 16	3 1/2'	5 1/2'

Water Level for non-flowing well 23' feet.

Shut-in Pressure for Flowing Well

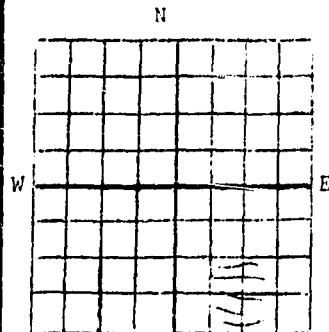
Pumping Water Level 52' feet at 225 gal. per minute

Discharge in gal. per min. of flowing well

How Tested PUMP WITH ORFEE Length of Test 1068

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

Gravel pack - approx - 25 acres to be
irrigated.



E 27 Sec. T. 6 R. 52

STATE OF MONTANA }
County of Butte } SS.

Donald G. Mahoney having first been duly sworn, depose and say
that he is of lawful age and the appropriator and claimant of the
order and water right mentioned in the foregoing notice of completion of groundwater approp-
riation by means of well and the person whose name is subscribed thereto, as the approp-
riator and claimant, that he knows the contents of said foregoing notice and that
the matters and things therein stated are true.

Donald G. Mahoney

Subscribed and sworn to before me, this 29 day of April, 1966

41087

CHARLOTTE E.

File No. 74285
Filed June 24, 1963 at
1:00 P.M. \$2.00 fee pd.
Lucille Godsey, deputy
Clerk and Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 52 E

RECEIVED
JUN 26 1963

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

STATE ENGINEER

1. D. G. Mahoney, of Broadus, Montana
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	Sec. 27	Sec. 27	Sec. 27	Sec. 29	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of	Domestic					
2. Beneficial Use	& Stock	stock	stock	stock		
Date of use	1952	old	old	1953		
3. How continuous	constant	constant	constant	summer		
4. Amount claimed	15 gpm	6 gpm	6 gpm	8 gpm		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location	NW 1/4 NE 1/4	NE 1/4	SW 1/4	NW 1/4 SW 1/4		
6. Withdrawal means	artesian	artesian	artesian	pump		
7. Completion date	1952	old	old	1953		
8. Water depth table	flow	flow	flow	125'		
Type	drilled	drilled	drilled	drilled		
9. Size & depth	2" x 420'	3" x 350'	4" x ?	3" x 226'		
Estimated annual						
10. Amount withdrawn	40,000 gal.	15,000 gal.	17,000 gal.	8,000 gal.		
11. Other information						
12. Log, if available				#4 0 - 9 Clay 9 - 50 Clay & Sand 50 - 60 Clay & coal 60 - 84 Clay 84 - 92 Blue Sand 92 - 120 Blue Shale 120 - 127 Coal 127 - 178 Shale & Coal Streaks 178 - 226 Sand & Grey Shale		

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner D. G. Mahoney

Date 6-6-63

D. G. Mahoney having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

6th day of June, 1963.
Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana

D. G. Mahoney

4777

RECEIVED

Twp. 6 S., Rge. 52 E.

Sec. 29

File No. 84010
Filed: 2-10-1969
at 9:10 A. M.

INDEXED

FEB 11 1969

Charlotte Edwards

Notice of COMPLETION of Groundwater

Clerk and Recorder

Appropriation by Means of Well

Powder River County (Under Chapter 237, Montana Session Laws, 1961)

By Myrtle M. Adenour, Deputy

OWNER G. D. MAHONEY

Address BROADUS, MONT.

Top of Ground -

Elev. above sea level. DRILLER EARL DRANE

Address BROADUS, MONT.

Date of Notice of Appropriation of Groundwater

0 5 top soil
5 40 yellow clay
40 110 blue shale
110 140 sand & coal
140 142 blue shale

Date well started 9-68

Completed 9-68

Type of Well drilled Equipment Used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, etc.)Water Use: Domestic; Municipal; Stock X; Other;
Industrial; Drainage; Irrigation;

Indicate on diagram character and thickness of different strata met in drilling - i.e., soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
6"	4" 11#	0	142	2x4" slots	110	142

Static Water Level for non-flowing well 85 feet

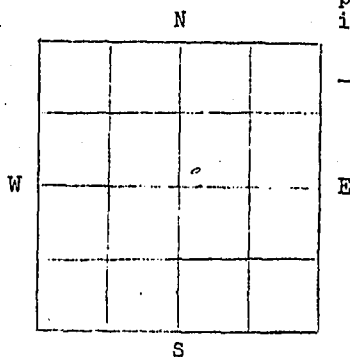
Shut-in Pressure for Flowing Well

Pumping Water Level 108 feet at 6 gal. per minute

Discharge in Gal. per min. of flowing well

How Tested pumping & bailing Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



20

Driller's License NO.

Earl Drane
Driller's Signature

Sec. 29, Twp. 6 S., Rge. 52 East.

STATE OF MONTANA)
County of Powder River) ss.

D. G. Mahoney having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Owner's Signature

D. G. Mahoney

Subscribed and sworn to before me, this 10th day of February, 1969.

Charlotte Edwards By Myrtle M. Adenour, Deputy
Clerk and Recorder, Powder River Co.
Broadus, Montana

4/24/93
7/1/93

75107
19
at
\$2.00 fee paid

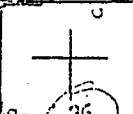
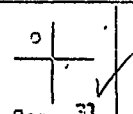
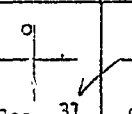
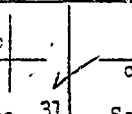
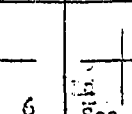
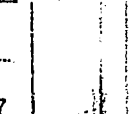
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER RIGHTS
OFFICE OF STATE ENGINEER

26
MAR 9 1962

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

STATE ENGINEER

1. Marvel Mark, of Broadus, Montana, County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6-32N	6-32N	6-32N	6-32N	7-32N ✓	7-32N
						
	Sec. 26	Sec. 31	Sec. 31	Sec. 31	Sec. 6	Sec. 7
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Stock	Stock	Stock	Stock	Stock
3. DATE OF USE	1930	1937	1935	1935	1935	1935
How continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
4. Amount claimed (gal. per minute)	111	111	111	111	111	111
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	Lot 2	SE1/4	NE1/4	NE1/4	NE1/4	NE1/4
Withdrawal means	Hand-dug	Hand-dug	Hand-dug	Hand-dug	Hand-dug	Hand-dug
7. Completion date	1930	1937	1935	1935	1935	1935
8. Water depth table	100'	100'	100'	100'	100'	100'
Type (drilled or dug)	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled
9. Size & depth	1 1/2 inch	1 1/2 inch	1 1/2 inch	1 1/2 inch	1 1/2 inch	1 1/2 inch
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA
County of Powder River)

Signature of Owner Marvel Mark

Date 1962

Marvel Mark, having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 19 day of March, 1962

75107 Filed,
19____,
at _____ M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER







Imp _____ S, _____

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

MAR 9 1962

STATE ENGINEER

1. Marcel Mark, of Bozeman, Montana,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	64-521	64-522	64-523	64-524	7-525 ✓	7-526
						
	Sec. 26	Sec. 31	Sec. 31	Sec. 31	Sec. 6	Sec. 7
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	Domestic stock	Stock	Stock	Stock	Stock
DATE OF USE	1939	1937	1915	1915	1915	1915
3. How continuous	Continuous	Continuous	Continuous	Continuous	Continuous	Continuous
Amount claimed (gal. per minute)	111	111	111	111	111	111
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location	Lot 2	SE1/4	NE1/4	NE1/4	NE1/4	NE1/4
6. Withdrawal means	Hand-dug	Hand-dug	Hand-dug	Hand-dug	Hand-dug	Hand-dug
7. Completion date	1939	1937	1915	1915	1915	1915
8. Water depth table	100'	100'	100'	100'	100'	100'
Type (drilled or dug)	Drilled	Drilled	Drilled	Drilled	Drilled	Drilled
9. Size & depth	1 "1200"	1 "1200"	1 "1200"	1 "1200"	1 "1200"	1 "1200"
Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA }
County of Powder River } ss.

Signature of Owner Marcel Mark

Date 3-9-62

Marcel Mark having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 10 day of March, 1962

74987 . Filed,
12-10, 1963,
at 2:18 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 52 E

Bessie Riter, Deputy DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

1. Everett Riter, of Broadus STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	Sec. 35	Sec. 33	Sec. 33	Sec.	Sec.	Sec.
	Lot 18	Lot 18	Lot 18	Lot 18	Lot 18	Lot 18
	Crane Acres	Crane Acres	Crane Acres	Crane Acres	Crane Acres	Crane Acres
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic & Stock	stock	domestic			
3. DATE OF USE	1920 constant	1940 constant	1948 constant			
4. How continuous						
Amount claimed						
4. (gal. per minute)	5 gpm	5 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SE 1/4	SE 1/4	Lot 18 Crane Acres			
Withdrawal means	flow	flow	flow			
7. Completion date	1920	1940	1948			
8. Water depth table	flow	flow	28'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 650'	2" x 700'	2" x 150'			
10. Estimated annual						
Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner /s/ Everett Riter

/s/ Bessie Riter
Date

Everett Riter and Bessie Riter, his wife,

having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 27th day of November, 1963.

11772

File No. 73329
Filed: Oct. 27 1962
at 11:00 A. M.

Lucille Shady, Clerk
Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T6S R 52E

RECEIVED
NOV 5 1962

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

Top of Ground (Elev. above sea level) _____
OWNER JOHN E. NISLEY Address Broadus, Montana
DRILLER Frank Bandy, Jr. Address Broadus, Montana

Date of Notice of Appropriation of Groundwater _____
0-52 surface soil
52-103 blue shale
103-134 sand stone
134-170 blue shale
170-228 water sand
Date well started Sept. 5, 1962 Completed Sept. 5, 1962
Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)

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

Indicate on diagram character and thickness of different strata met in drilling - i. e., soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of		Size & Weight		From		To		PERFORATIONS	
Drilled		of		(feet)		(feet)		Kind	
Hole		Casing						Size	
4"		1 1/2"		0		228		slashes	
								170	
								228	

Static Water Level for non-flowing well 80 feet.

Shut-in Pressure for Flowing Well _____

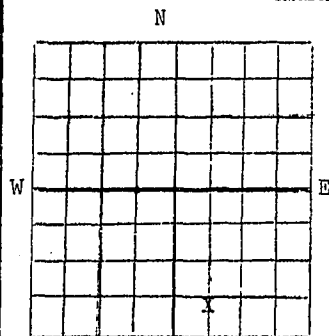
Pumping Water Level 105 feet at 25 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested air Length of Test 2 hrs.

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

1 1/2" galv. casing - 2 1/2" cylinder



SW 1/4 Sec. T. 6S R. 52E

STATE OF MONTANA)
County of Powder River) SS.

John E. Nisley having first been duly sworn, depose s and say s that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

John E. Nisley
Driller's Signature

Subscribed and sworn to before me, this 31st day of October, 1962

Lucille Shady, Clerk
Clerk and Recorder
Term expires 1-1-63

2347

GROUNDWATER INDEX

Page 2 of 2

County POWDER RIVER Twp. 6 SOUTH Rge. 53 EAST

[illegible]

71846
COUNTY CLERK
County of Powell
I hereby certify that
this record was filed for
recording on the 29th day of
March 1961.

T. 6 S. R. 53 E.

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 11 1961

WATER WELL LOG

STATE ENGINEER

By Donella L. Gandy
3/10/61

Owner..... John Nisley..... Address Broadus, Montana

Driller..... Frank Bandy, Jr..... Address Broadus, Montana

Date Started..... 3-10-61..... Date Completed..... 3-10-61

Location: Sec. 3 T. 6 S. R. 53 E. 1/4 sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....

Casing: 630 ft. to ft. Type Size 2" galv. pipe

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 640 to ft. 445 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..... flowing feet at 18 gal. per min.....

How tested: by check clock

Length of test.....

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

.....
.....
.....
.....
.....

(over)

71846

RECEIVED

GW -

File No. 85702
 Filed: 1/29/ 1970
 at 2:02 P. M.

INDEXED 4

JAN 30 1970

Charlotte Edwards
 Clerk and Recorder
 Powder River County

Notice of COMPLETION of Groundwater
 Appropriation by Means of Well
 (Under Chapter 237, Montana Session Laws, 1961)

Twp. _____ Rge. _____

By: Nancy J. Trion Deputy
 Top of Ground -
 Elev. above sea level.

OWNER JOHN NISLEY

Address _____

DRILLER Earl DraneAddress Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

0 10 top soil
 10 20 yellow
 20 44 sand & gravel
 44 100 blue shale
 100 110 blue sand
 110 122 rock
 112 200 blue shale
 200 220 blue shale
 w/shale strks.
 220 254 blue sand
 254 330 blue shale
 330 390 blue shale
 sand w/shale
 strks.
 390 393 rock
 393 490 blue shale
 490 601 blue sand
 & shale strks.

Date well started drilled 9-68 Completed rotary 9-68
 Type of Well drilled Equipment Used rotary
 (dug, driven, bored, drilled) (churn, drill, rotary, etc.)
 Water Use: Domestic X; Municipal _____; Stock _____; Other _____;
 Industrial _____; Drainage _____; Irrigation _____;
 Indicate on diagram character and thickness of different strata
 met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show
 depth at which water is found, thickness and character of water-
 bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
3 1/2"	2" std.	0	597	1 1/2"	335	377
7 1/2"	6" 14#	0	46	slots	490	597

Static Water Level for non-flowing well _____ feet

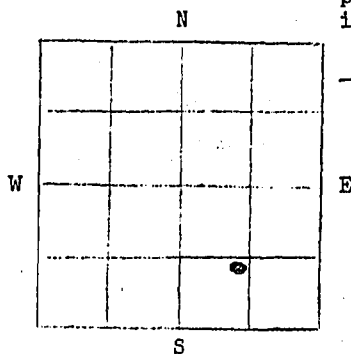
Shut-in Pressure for Flowing Well _____

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

Discharge in Gal. per min. of flowing well 15

How Tested _____ Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shut-
 off, location of use if not at well, other similar
 pertinent information, including number of acres
 irrigated, if any.)

Sec 4, Twp. 6, Rge 53 East.

STATE OF MONTANA)
 County of Powder River) ss.

John Nisley having first been duly sworn, deposes and says that he
 is of lawful age and the appropriator and claimant of the order and water right mention
 in the foregoing notice of completion of groundwater appropriation by means of well and
 the person whose name is subscribed thereto, as the appropriator and claimant, that he
 knows the contents of said foregoing notice and that the matters and things therein stated
 are true.

Owner's Signature

John E. NisleySubscribed and sworn to before me, this 29 day of January, 1970.

Charlotte Edwards
 Clerk and Recorder

By: Nancy J. Trion

Deputy

2/6/23

File No. 76017
Filed: Sept. 25, 1964
at 3:00 P. M.

Lucille Rodsey, deputy
Clerk and Recorder
Powder River County

\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T6S R 53E 9

RECEIVED
JAN 26 1965

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Top of Ground (Elev. above sea level)	OWNER <u>John E. Nisley</u>	Address <u>Broadus, Montana</u>
0 - 32 surface soil	DRILLER <u>Frank Bandy, Jr.</u>	Address <u>Broadus, Montana</u>
32 - 50 blue shale	Date of Notice of Appropriation of Groundwater	
50 - 62 sand stone	Date well started <u>9-18-64</u>	Completed <u>9-19-64</u>
62 - 73 blue shale	Type of well <u>drilled</u>	Equipment used <u>rotary</u>
73 - 81 sand	(dug, driven, bored, drilled)	(churn, drill, rotary, other)
81 - 198 blue shale	Water Use: Domestic <input type="checkbox"/> Municipal <input type="checkbox"/> Stock <input type="checkbox"/> Other <input type="checkbox"/>	
198 - 205 sand stone	Industrial <input type="checkbox"/> Drainage <input type="checkbox"/> Irrigation <input type="checkbox"/>	
205 - 218 blue shale	Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water- bearing strata and height to which water rises in well.	
218 - 226 sand stone	Size of Size & Weight From To PERFORATIONS	
226 - 229 hard rock	Drilled or Casing (feet) (feet) Kind Size From (feet) To (feet)	
229 - 257 sand	Hole	
257 - 272 blue shale		
272 - 309 sand		
309 - 359 blue shale		
359 - 395 sand		
395 - 605 blue shale		
605 - 665 sand		
665 - 720 blue shale		
720 - 820 sand stone		
820 - 830 blue shale		

Static Water Level for non-flowing well _____ feet.

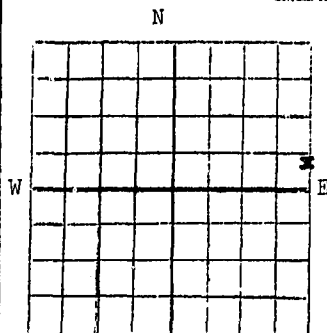
Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at _____ gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested air pressure Length of Test 1 hr.

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



SE $\frac{1}{4}$ NE Sec. 9 T. 6S R. 53E

STATE OF MONTANA)
County of Powder River)SS.

John E. Nisley having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the
order and water right mentioned in the foregoing notice of completion of groundwater appropri-
ation by means of well and the person whose name is subscribed thereto, as the appropri-
ator and claimant, that he knows the contents of said foregoing notice and that
the matters and things therein stated are true.

John E. Nisley
Driller's Signature

Subscribed and sworn to before me, this 25 day of September, 1964

Lucille Rodsey deputy
Clerk and Recorder, Powder River Co.
Broadus, Montana

(38897)

75101 . Filed,
12/18, 1963,
at 2:00 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

TwP ___ S, Rge ___ E

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

1. _____, of _____, STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	65-53E	65-53E	65-53E	65-54E	65-53E	65-53E
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Irrigation	Irrigation	Irrigation	Irrigation	Irrigation	Irrigation
3. DATE OF USE	1961	1961	1961	1961	1961	1961
3. How continuous	continuous	continuous	continuous	continuous	continuous	continuous
4. Amount claimed (gal. per minute)	100 gpm	100 gpm	100 gpm	100 gpm	100 gpm	100 gpm
Irrigated description	100 ac.	100 ac.	100 ac.	100 ac.	100 ac.	100 ac.
Irrigation owner	owner	owner	owner	owner	owner	owner
5. Irrigated acreage	2 acres					
6. Location	SWNE	SESW	SWSE	SWNE	NWNE	SUNE
6. Withdrawal means	gravity	gravity	gravity	gravity	gravity	gravity
7. Completion date	1961	1961	1961	1961	1961	1961
8. Water depth table	100-100	100-100	100-100	100-100	100-100	100-100
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	30-200	30-200	30-200	30-200	7-20-200	20-200
10. Estimated annual Amount withdrawn						
11. Other information					100-100	100-100
12. Log, if available		100-100	100-100	100-100	100-100	100-100
Log Log		100-100	100-100	100-100	100-100	100-100
30-200		100-100	100-100	100-100	100-100	100-100
30-200		100-100	100-100	100-100	100-100	100-100
30-200		100-100	100-100	100-100	100-100	100-100
100-100		100-100	100-100	100-100	100-100	100-100
100-100		100-100	100-100	100-100	100-100	100-100
100-100		100-100	100-100	100-100	100-100	100-100
200-200		100-100	100-100	100-100	100-100	100-100
200-200		100-100	100-100	100-100	100-100	100-100
200-200		100-100	100-100	100-100	100-100	100-100

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

Don Wisley

Date

Don Wisley having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 10th day of 1963

75101 Filed,
12/18, 1963,
at 2:00 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

13
Twp S, Rge E

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

MAR 9 1964

1. I, Don Wisley, of County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-53E	6S-53E	6S-53E	6S-54E	6S-53E	6S-53E
	Sec. 13	Sec. 26	Sec. 27	Sec. 28	Sec. 13	Sec. 13
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Irrigation	Irrigation	Irrigation	Irrigation	Irrigation	Domestic
DATE OF USE	1964	1961	1961	1961	1960	1960
3. How continuous	constant	constant	constant	constant	constant	constant
4. Amount claimed (gal. per minute)	21 gpm	117	26 gpm	25 gpm	1 gpm	121
Irrigated description	1 acre ca. alfalfa/corn					
Irrigation owner	owner					
5. Irrigated acreage	2 acres					
6. Location	SWNE	SESW	SUSE	SWNE	SESW	SWNE
Withdrawal means	artesian	artesian	artesian	artesian	artesian	artesian
7. Completion date	1964	7/17/61	6/1/61	5/1/61	12/6/60	12/6/60
8. Water depth table	1201-1201	2771-2901	1201-1201	1201-1201	1201-1201	1201-1201
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	3" x 120'	4" x 200'	2" x 120'	2" x 120'	7 7/8" x 300'	2" x 120'
Estimated annual						
10. Amount withdrawn						
11. Other information					artesian	artesian
12. Log, if available		1-51 1201 2-51 1201	1-51 1201 2-51 1201	1-51 1201 2-51 1201	1-51 1201 2-51 1201	1-51 1201 2-51 1201
Log Summary						
1-51 1201	1-51 1201	1-51 1201	1-51 1201	1-51 1201	1-51 1201	1-51 1201
35-45 shale	35-45 shale	35-45 shale	35-45 shale	35-45 shale	35-45 shale	35-45 shale
55-101 shale	55-101 shale	55-101 shale	55-101 shale	55-101 shale	55-101 shale	55-101 shale
101-162 shale	101-162 shale	101-162 shale	101-162 shale	101-162 shale	101-162 shale	101-162 shale
162-195 shale	162-195 shale	162-195 shale	162-195 shale	162-195 shale	162-195 shale	162-195 shale
195-277 water d.	195-277 water d.	195-277 water d.	195-277 water d.	195-277 water d.	195-277 water d.	195-277 water d.
277-290 shale	277-290 shale	277-290 shale	277-290 shale	277-290 shale	277-290 shale	277-290 shale

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

Don Wisley

Date 12-18-63

I, Don Wisley, having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 18th day of December, 1963.

#15100 Filed,
at _____, 19____,
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

TwP ____ S, Rge ____ E

DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961) MAR 9 1964

1. VICTOR H. RUE, of _____, STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	6S-52E	6S-53E	8S-52E			
	Sec. 13	Sec. 20	Sec. 10	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic Stock	Stock	Stock			
3. DATE OF USE	1941	1946	1947			
How continuous	constant	constant	constant			
4. Amount claimed (gal. per minute)	10 gpm	10 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	N. 1/4	N. 1/4	N. 1/4			
Withdrawal means	well	well	well			
7. Completion date	1941	1946	1947			
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" - 150'	2" - 150'	2" - 150'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner

Victor H. Rue

Date

Victor H. Rue having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 12th day of

1964

#15160 Filed,
at _____, 19____,
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp ____ S, Rge ____ E

DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961) MAR 9 1964

1. VICTOR H. RUE, of _____, STATE ENGINEER
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	65-52E	65-53E	88-52E			
	Sec. 13	Sec. 20	Sec. 10	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Domestic Stock	Stock	Stock			
3. DATE OF USE	1924	1946	1947			
How continuous	constant	constant	constant			
4. Amount claimed (gal. per minute)	20 gpm	25 gpm	4 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	N 1/2	N 1/2	N 1/2			
Withdrawal means	artesian	artesian	artesian			
7. Completion date	1924	1946	1947			
8. Water depth table						
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 250'	2" x 250'	2" x 250'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Victor H. Rue

Date March 9, 1964

Victor H. Rue having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 10th day of March, 1964

RECEIVED

JUN 23 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

3 GW 2 Revised 1969
12-5M-10/69

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 John N isley

Address B roadus, Montana

Date well started 8-9-71

completed 8-11-71

Type of well drilled

Equipment used rotary

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

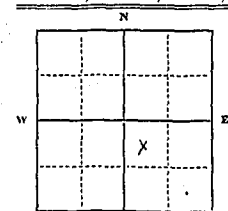
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	2 $\frac{1}{2}$ " std.	0	152	2"x4" slots	125	152



NW 1/4 SE 1/4 Sec. 27
T. 6 S. N. R. 52 E.

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

Driller's Signature Earl Drane

Driller's Address B roadus, Montana

LICENSE NO. 20

County Powder River

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	12 sandy top soil
12	30 yellow sand
30	70 yellow clay & sand
70	88 blue clay
88	99 blue sand
99	101 blue shale
101	104 coal
104	116 blue shale
116	118 coal
118	122 blue shale
122	137 blue sand
137	139 rock
139	144 blue sand
144	153 blue shale

#37588

FILED

Office of

COUNTY CLERK and RECORDER

County of Powder River, Montana

hereby certify that the within

instrument was filed for record in

this office on the 10 day of

September A. D. 19 71

at 108 o'clock P. M.

Charlotte Edwards

County Clerk and Recorder

Attest

Deputy

Fee \$2.00 Paid

153 Show exact depth of bottom

50,680

71986 . Filed,
12-10, 1963,
at 2:16 P. M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6-52 S, Rge 7-52 E

Paul A. Reitz DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

1. Paul A. Reitz, of County of Powder River, State of MONTANA, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

	6-52	6-53	6-52	7-52	7-52	7-52
	Sec. 26	Sec. 27	Sec. 25	Sec. 2	Sec. 10	Sec. 11
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	stock	domestic stock	domestic stock	stock	stock
3. DATE OF USE	unknown	unknown	unknown	unknown	unknown	unknown
How continuous	continuous	continuous	continuous	continuous	continuous	continuous
4. Amount claimed (gal. per minute)	5	5	5	5	5	5
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SE 1/4	NE 1/4	SE 1/4	SE 1/4	SE 1/4	SE 1/4
Withdrawal means	flowing	pump	flowing	flowing	flowing	flowing
7. Completion date	unknown	unknown	unknown	unknown	unknown	unknown
8. Water depth table	unknown	unknown	unknown	unknown	unknown	unknown
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	unknown	unknown	unknown	unknown	unknown	unknown
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						
All wells, unless specified, were drilled prior to purchase in 1939.						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Paul A. Reitz
Paul A. Reitz

Date 11-22-63

Paul A. Reitz, by P. A. Reitz having first been duly sworn, deposes and says that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 27th day of November, 1963.

Paul A. Reitz Clerk and Recorder

GROUNDWATER INDEX

Page 1 of 1

County POWDER RIVER Twp. 6 SOUTH Rge. 54 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	MORELLA, GEORGE		89733	
3	SCHAFER, CARROL L.		75312	} SAME FORM
4	" "		75312	
4	EMBREY, VANNA L.		74963	
7	SCHAFER, CARROL L.		75312	SEE SEC. 3
7	EMBREY, VANNA L.		74963	SEE SEC. 4
7	NISLEY, OTIS		71848	
8	SCHAFER, CARROL L.		75312	SEE SEC. 3
8	EMBREY, VANNA L.		74963	SEE SEC. 4
10	BRUCE, EDNA A.		76650	
10	BRUCE, EDNA A.		74950	} SAME FORM
11	" "		74950	
11	" "		74950	
12	MORELLA, GEORGE		76109	
13	BRUCE, EDNA A.		74950	SEE SEC. 10
15	BRUCE, EDNA A.		74950-2	} SAME FORM
15	" "		74950-2	
16	SCHAFER, CARROL L.		75312	
18	NISLEY, OAD		75101	
21	BRUCE, EDNA A.		74950	} SEE SEC. 10
22	" "		74950	
22	BRUCE, EDNA A.		74950-2	} SEE SEC. 15
22	" "		74950-2	
23	" "		74950-2	
23	" "		74950-2	
26	ROBERTS, RUSSELL L.		75122	} SAME FORM
26	" "		75122	
26	" "		75122	
26	" "		75122	
27	" "		75122	
28	LANDA, JOE		77739	
28	LANDA, JOE		74534-1	} SAME FORM
28	LANDA, JOE		74534-2	
29	" "		74534-2	
34	BORLA, JOE		92659	

DOC#
71848

T. 6S. R. 54E.

County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 14 1962

WATER WELL LOG STATE ENGINEER

Owner Otis Nisley Address Broadus, Montana

Driller Frank Bandy, Jr. Address Broadus, Montana

Date Started 2-7-61 Date Completed 2-8-61

Location: Sec. 7 T. 6S. R. 54E 1/4 sec. SESE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 765 ft. to ft. Type Size 2" tubing & galvanized

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 100% perforated

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

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

Pumping water level feet at 25 gal. per min.

How tested:

Length of test watch & measure

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

75312, Filed,
12/31, 1963
at 11:55 A.M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

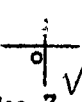
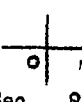
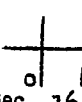
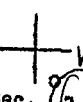
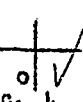

Twp 6 S., Rge 1 E 1

Lucille Godsey, deputy
Clerk and Recorder
\$2.00 fee paid

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

RECEIVED
MAR 9 1964

1. Carrol L. Schaffer, of Broadus, Montana
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows: **STATE ENGINEER**

	 Sec. 7	 Sec. 8	 Sec. 16	 Sec. 23	 Sec. 1	 Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of	Domestic					
2. Beneficial Use	Stock	Stock	Stock	Stock	Stock	
DATE DRILLED	1955	1957	1956			
3. How continuously used	constant	constant	const.	const.	6 months	
Amount Claimed						
4. (gal. per minute)	20 gpm	10 gpm	10 gpm	15 gpm	8 gpm	
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	NESW	NESW	SESW	SWSE	NESW	
6. Withdrawal means	pump	pump	pump	pump	pump	
7. Completion date	1955	1957	1956			
8. Water depth table	90 ft.	60 ft.	80 ft.	110 ft.	90 ft.	
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	
9. Size & Depth	4"x220'	4"x180'	4"x205'	4"x210'	4"x160'	
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						
		NO LOGS				

STATE OF MONTANA)
ss.
County of Powder River)

Signature of Owner: Carrol L. Schaffer

Date 12/31/63

Carrol L. Schaffer having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
31st day of December, 1963.

Lucille Godsey deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

Carrol L. Schaffer

35417

File No. 74534 -1
Filed August 28, 1963 at
1:10 P.M. \$2.00 fee paid
Lucille Godsey, deputy
Clerk and Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 6 S, Rge 14 E
RECEIVED
AUG 30 1963

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

STATE ENGINEER

1. Joe Landa, of Bozeman,
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to the
Montana laws in effect prior to January 1, 1962, as follows:

	7-54	7-54	6-54	7-54	7-54	7-54
	Sec. 14	Sec. 14	Sec. 29	Sec. 17	Sec. 14	Sec. 14
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	domestic	stock	stock	stock	stock	stock
3. Date of use	April-1950	Dec. 1950	Dec. 1948	Sept. 1948	1948	4-6-52
3. How continuous	constant	constant	constant	constant	constant	constant
4. Amount claimed	1/2 gpm	2 gpm	30 gpm	1/2 gpm	1/2 gpm	1/2 gpm
Irrigated description						
5. Irrigation owner						
5. Irrigated acreage						
6. Location	NESE	NESE	SWNE	SWNE	SWNE	SESW
6. Withdrawal means	pump	pump	flow	pump	pump	pump
7. Completion date	April 1950	Dec. 1950	Dec. 1948	Sept. 1948	1948	4-6-52
8. Water depth table	147'	126'	flow	120'	168'	210'
Type	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	1" x 126'	1" x 220'	1" x 693'	1" x 500'	1" x 300'	1" x 240'
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available	#1. 0-35 surface soil 35-98 blueshale 98-100 hard rock 100-138 blue shale 138-146 water sand 146-190 blue shale 190-206 shale & sand 206-209 hard rock 209-250 blue shale 250-284 water sand 284-295 blue shale		#2. 0-3 top soil 3-30 yellow clay 30-35 sand; surface water 35-73 blue clay 73-79 sand 79-95 shale 95-109 sand 109-176 shale 176-218 sand 218-220 shale		(See logs other side)	

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner /s/ Joe Landa

Date 7-20-63

Joe Landa having first been duly sworn, deposes and says
that he is of legal age and is the appropriator and claimant of the order and water right
mentioned in the foregoing declaration of vested groundwater rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this

20th day of July, 19 63.
Lucille Godsey deputy
Clerk and Recorder
Powder River County
Broadus, Montana

/s/ Joe Landa
5609

#3.

1-6 gumbo
6-10 sand
10-110 blue clay
110-111 rock
111-126 blue clay
126-127 coal
127-135 water sand
135-138 rock
138-167 water sand
167-169 rock
169-189 sand
189-191 rock
191-268 sand
268-276 blue shale
276-340 water sand
340-365 blue shale
365-366 coal
366-380 blue shale
380-390 water sand
390-425 blue shale
425-440 water sand
440-465 blue shale
465-475 brown shale
475-485 water sand
485-508 brown shale
508-532 water sand
532-540 blue shale
540-542 rock
542-552 blue shale
552-555 rock
555-609 blue shale
609-611 rock
611-635 blue shale
635-692 water sand
692-693 blue shale

#4.

1-20 gumbo
20-22 coal
22-40 brown shale
40-44 coal
44-65 brown shale
65-66 rock
66-87 brown shale
87-88 rock
88-164 brown shale
164-169 bentonite
169-187 blue shale
187-188 rock
188-270 blue shale
270-274 rock
274-330 blue shale
330-335 sand
335-380 blue shale
380-387 sand
387-416 blue shale
416-420 rock
420-428 blue shale
428-432 rock
432-433 blue shale
433-434 rock
434-450 blue shale
450-452 rock
452-474 blue shale
474-486 sand rock
486-491 water sand
491-500 blue shale

#5.

0-31 surface soil
31-130 blue shale
130-141 sandstone
141-214 blue shale
214-300 water sand

#6.

0-20 surface soil
20-50 yellow clay
50-80 blue shale
80-90 sand
90-190 blue shale
190-230 water sand
230-240 blue shale

50,289

74963 . Filed,
at 12-10, 1963,
\$2.00 fee paid
1:30 P. M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

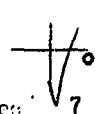
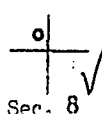
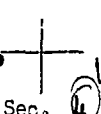
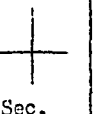
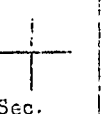

Twp 6 S. Rge 54 E

RECEIVED
DEC 23 1963

Quillie Sobety, deputy DECLARATION OF VESTED GROUNDWATER RIGHTS
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Vanna L. Emsbury, of Broadus
County of POWDER RIVER, State of MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

						
	Sec. 7	Sec. 8	Sec. 9	Sec. 10	Sec. 11	Sec. 12
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	domestic & stock	stock	stock			
3. DATE OF USE	1918	1918	1957			
How continuous	constant	9 mo	9 mo			
4. Amount claimed (gal. per minute)	12	10	10			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NESE	SWNW	NESW			
Withdrawal means	pump	windmill	windmill			
7. Completion date	1918	1918	1957			
8. Water depth table	14'	10'	20'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2" x 60'	2" x 60'	4" x 150'			
Estimated annual						
10. Amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
) ss.
County of Powder River)

Signature of Owner Vanna L. Emsbury

Date 11-22-63

Vanna L. Emsbury having first been duly sworn, deposes and says
that he is of lawful age and is the appropriator and claimant of the order and water right
mentioned in the foregoing Declaration of Vested Groundwater Rights and the person whose
name is subscribed thereto, as the appropriator and claimant, that he knows the contents
of said foregoing notice and that the matters therein stated are true.

Subscribed and sworn to before me this 22nd day of November, 1963.

Vanna L. Emsbury
Quillie Sobety deputy
11747

File No. 76850
Filed: 2-4-65 19
at 2:05 P. M.
Lucille Godsey, deputy
Clerk and Recorder
Powder River County
\$2.00 fee pd.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 6S R 54E

RECEIVED *Sec 10*
FEB 8 1965

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)
STATE ENGINEER

OWNER Edna A. Bruce Address Boyes, Montana
DRILLER Karl Drane Address Broadus, Montana
Date of Notice of Appropriation of Groundwater _____
Date well started Dec. 5, 1964 Completed Dec. 7, 1964
Type of well drilled Equipment used rotary
(dug, driven, bored, drilled) (churn, drill, rotary, other)
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Other ☐
Industrial ☐ Drainage ☐ Irrigation ☐

Indicate on diagram character and thickness of different strata met in drilling - e.g., soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind Size	From (feet)	To (feet)
6"	4" I.D. 9 1/2#	0	140	1x4" slots	110	140

Static Water Level for non-flowing well 60 feet.

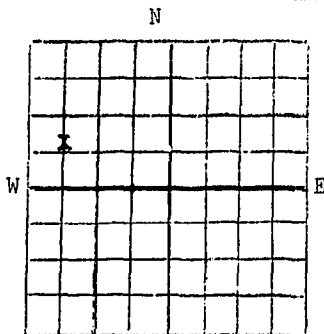
Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet at 15 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested pumping Length of Test 2 hrs.

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



SW 1/4 Sec. 10 T. 6S R. 54E

STATE OF MONTANA)
County of Powder River SS.

Edna A. Bruce having first been duly sworn, depose and say that she is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that she knows the contents of said foregoing notice and that the matters and things therein stated are true.

Edna A. Bruce

Subscribed and sworn to before me, this 4th day of February, 1965

Lucille Godsey
CLERK & RECORDER, Powder River Co.
Broadus, Montana