

74074 (2) Filed,
 at _____, 19____,
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twps. 2 S, Rge 50 E

RECEIVED
 DEC 23 1963

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

1. HARLEY LEATHERBERRY, 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:

WELLS	Sec. 10	Sec. 11	Sec. 11	Sec. 11	Sec. 10	Sec. 11
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	stock	stock	stock	stock	
3. DATE OF USE						
How continuous	Prior to 1930			Oct. 1955	spring	
Amount claimed (gal. per minute)	constant	constant	constant	constant	constant	
4. Irrigated description	2-12	7	10	15	?	
Irrigation owner						
5. Irrigated acreage						
6. Location						
Withdrawal means	WENE pump	NWSW pump	SESE pump	NENE pump	W ₂ line flow	
7. Completion date						
Water depth table	Prior to 1930		1930	Oct. 1955	spring	
Type (drilled or dug)	drilled	drilled	drilled	drilled	natural	
9. Size & depth	3" x 50'	8" x 150'	4" x 90'	4" x 110'		
Estimated annual Amount withdrawn						
10. Other information						
11. Log, if available						

STATE OF MONTANA)
 County of Powder River) ss.

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 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

Beville Godsey deputy

11759

75002 Filed, STATE OF MONTANA
 12-10-63 ADMINISTRATOR OF GROUNDWATER CODE
 \$2.00 fee paid OFFICE OF STATE ENGINEER

2 49
 Twp. 2 S. Rge. 50 E
RECEIVED
 DEC 23 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1962)
 STATE ENGINEER

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

	2S-49E	2S-49E	2S-50E	2S-50E	2S-50E	2S-50E
	Sec. 1	Sec. 1	Sec. 8	Sec. 8	Sec. 9	Sec. 9
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	1957	8 months	1910	12 mon.	1941	12 months
How continuous					Bar	
4. Amount claimed (gal. per minute)	8 gpm	7 gpm	10 gpm	7 gpm	10 gpm	10 gpm
5. Irrigated description						
Irrigation owner						
6. Location	NESE	NWNW	NENE	NENE	SWNE	SESE
Withdrawal means	pump	spring	pump	spring	pump	spring
7. Completion date	1957	spring	1910	spring	1941	spring
8. Water depth table	40'		2'		200'	
Type (drilled or dug)	drilled		dug		drilled	
9. Size & depth	4" x 133'	-0-	6" x 16'	-0-	4" x 300'	-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 /s/ Quantin Corle

Date Dec. 10, 1963

Quantin Corle 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 December, 1963
 Clerk and Recorder, Powder River Co. Lucille Godsey, deputy

11787

74974 Filed,
 at 12-10-1963,
 at 1:52 P. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 50 E

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

RECEIVED
 DEC 23 1963

1. Harley Leatherberry, 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:

WELLS	Sec. 8 No. 1	Sec. 17 No. 2	Sec. 17 No. 3	Sec. 17 No. 4	Sec. 18 No. 5	Sec. 20 No. 6
2. Beneficial Use	stock	domestic	stock	stock	stock	stock
3. DATE OF USE						
How continuous	July '44	June '52	Nov. '42	May 1954	May '48	prior to 1940
4. Amount claimed (gal. per minute)	constant	constant	constant	constant	constant	constant
5. Irrigated acreage	11	11	11	10	10	7
6. Location						
Withdrawal means	NE NW pump	SE NW pump	NE SW pump	SWSW pump	NE SW pump	NE SE pump
7. Completion date	1944	1952	1942	1954	1948	prior to 1940
8. Water depth table	35'	150'	130'	100-140'	100-150'	160'
9. Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
10. Size & depth	4" x 55'	3" x 200'	3" x 152'	4" x 50'	4" x 190'	8" x 190'
11. Other information						
12. Log, if available		0-10 yellow sand 10-60 blue shale 60-70 gray shale 70-150 water sand 150-190 blue shale 190-200 blue shale				

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

Signature of Owner /s/ Harley Leatherberry

Date

Harley Leatherberry having first been duly sworn, December 10, 1963 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

/s/ Harley Leatherberry
 Lucille Godsey, deputy

11759

File No. 73695
 Filed December 31, 1962
 at 9:45 AM. \$2.00 fee pd.
 Lucille Godsey, deputy
 Clerk & Recorder

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

Twp 2 S, Rcd 50 E
RECEIVED
 DEC 11 1962
 STATE ENGINEER

1. Emmons Ranch, Inc., of Oliva, 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:

WELLS	Sec. 35	Sec. 36	Sec. 26	Sec. 26	Sec. 26	Sec.
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	stock	stock	stock	stock	
3. Date of use	10-20-53	10-24-53	1944	1-20-58	1951	
How continuous	5 mo. av.	5 mo. av.	5 mo. av.	5 mo. av.	5 mo. av.	
4. Amount claimed	20 gpm	20 gpm	10 gpm	30 gpm	3 gpm	
Irrigated description						
5. Irrigation owner						
6. Location	NESW+	S+NE	NWSE	NWNE	SESE	
Withdrawal means	pump	pump	pump	pump	pump	
7. Completion date	10-20-53	10-24-53	1944	1-20-58	1951	
8. Water depth table	40'	20'	40'	40'	at 36'	
Type	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	4" 130'	4" 90'	100'	160'	40'	
10. Estimated annual amount withdrawn	135,000	135,000	135,000	135,000	135,000	
11. Other information						
12. Log, if available	#1 0-10 surf. soil 10-20 gravel & sand 20-40 blue shale 40-50 water sand 50-80 water sand 80-90 shale 90-100 water sand 100-110 " " 110-120 blue shale	#2 0-10 blue clay 10-60 " " 60-80 water sand 80-90 blue shale	#3 0-30 surf. soil 30-55 blue shale 55-62 coal 62-91 blue shale 91-95 sand 95-120 blue shale 120-140 water sand 140-160 blue shale	#4 no log	#5 no log	

STATE OF MONTANA)
 County of Powder River) ss.

Signature of Owner /s/ Charley Emmons

Date 12-31-62

Charley Emmons 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 31st day of December, 1962

/s/ Charley Emmons

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

3256

54

#75272 Filed,
12-30-63,
at 1:55 P.M.
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 2 S, Rge 50 E

RECEIVED
MAR 9 1964

Jucille Godsey, deputy
Clerk and Recorder (Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Helen Flanigan, of Coalwood, 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. 5	Sec. 7	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. DATE OF USE	1936	1950	1935			
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	NWW	SESE	EEEE			
Withdrawal means	pump & wind.	pump	mill & pump			
7. Completion date	9-1-36	4-1-50	3-4-35			
8. Water depth table	102'	40'	40'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & depth	2"x156'	73'	4"x75'			
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner Helen Flanigan

Date 12/30/63

Helen Flanigan 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.

Jucille Godsey, deputy
Clerk and Recorder
COUNTY OF POWDER RIVER, MONTANA
35286

75397, filed,
 12/22, 1963,
 at 11:50 A.M.

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

25
 MAR 9 1964

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

1. CARL IRION, 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:

	2S-50E	2S-51E	3S-50E			
	+	+	+	+	+	+
	Sec. 25	Sec. 25	Sec. 25	Sec.	Sec.	Sec.
W.E.L.L.S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. DATE DRILLED	1954	1952	1957			
3. How continuously used	const.	const.	constant			
4. Amount Claimed						
4. (gal. per minute)	10 gpm	10 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location (40 acres)	SWSW	SWNE	SESE			
6. Withdrawal means	well	well	well			
7. Completion date	1954	1952	1957			
8. Water depth table	60'	70'	100'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	1 1/2" - 60'	1 1/2" - 60'	1 1/2" - 60'			
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: Carl Irion

Date 12/21/63

Carl Irion 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.

Clerk & Recorder, Powder
 River County, Broadus, Montana

Carl Irion

35413

Twp. 24 S. Rg. 10 E.
 Sec. 24 ✓

File No. 85253
 Filed: 11/13 1969
 at 2:03 P. M.

INDEXED 4

Charlotte Edwards
 Clerk and Recorder
 Powder River County (Under Chapter 237, Montana Session Laws, 1961)

Notice of COMPLETION of Groundwater
 Appropriation by Means of Well

By: William G. Swann Deputy Fee \$2.00 pd. OWNER Doug Gaskill Address Olive, Montana 59743
 Top of Ground -
 Elev. above sea level. DRILLER Earl Drane Address Broadus, Montana

Date of Notice of Appropriation of Groundwater _____

0	3	top soil	Date well started <u>Oct. 1969</u>	Completed <u>Oct. 1969</u>
3	10	yellow clay		
10	22	yellow sandstone		
22	73	blue shale	Type of Well <u>drilled</u>	Equipment Used <u>rotary</u>
73	79	coal	(<u>dug, driven, bored, drilled</u>)	(<u>churn, drill, rotary, ot</u>)
79	88	blue shale		
88	90	rock	Water Use: Domestic ___; Municipal ___; Stock <u>X</u> ; Other ___;	
90	114	blue sand	Industrial ___; Drainage ___; Irrigation ___;	
114	120	coal		

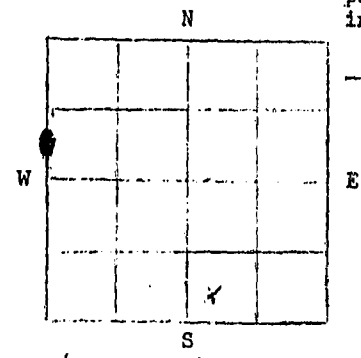
Indicate on diagram character and thickness of different strata met in drilling -s, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

MONTANA WATER RESOURCES BOARD
 RECEIVED
 NOV 17 1969

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
6"	4" I.D. 11#	0	120	1/2x4" Slots	90	120

Static Water Level for non-flowing well 85 feet
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level 102 feet at 7 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. 24, Twp. 24 S. Rge. 10 E.

STATE OF MONTANA)
 County of Powder River) ss.

Doug Gaskill 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 Doug Gaskill

Subscribed and sworn to before me, this 13 day of November, 1969.

45860

Charlotte Edwards
 Clerk and Recorder, Powder River Co
 Broadus, Montana
 By: William G. Swann Deputy

File No. 73907
 Filed Feb. 28, 1963 at 1:00 PM ADMINISTRATOR OF GROUNDWATER CODE
 \$2.00 pd. Lucille Godsey, deputy CLERK & RECORDER

STATE OF MONTANA

Twp 2 S, Rge 20 E

OFFICE OF STATE ENGINEER

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

RECEIVED
 MAR 4 1963

1. Otto J. and/or Jean L. Nehlich, of Coalwood, 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:

WELLS						
	Sec. 30	Sec. 30	Sec. 29	Sec. 28	Sec. 28	Sec. 30
No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	
2. Beneficial Use	Domestic	Irrigation & Stock	Stock	Stock	Stock	
3. Date of use	1949	1946	1947	1949	1945	
How continuous	Constant	Constant	Constant	6 mo. and	7 mo. and	
4. Amount claimed	30 gpm	80 gpm	20 gpm	20 gpm	20 gpm	
Irrigated description		not yet developed				
5. Irrigation owner						
6. Withdrawal means	SEXY pump	SEXY pump	CENTRE pump	Center NW pump	SEXY pump	
7. Completion date	1949	1946	1947	1949	1945	
8. Water depth table	20'	25'	40'	40'	150'	
Type	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	4" 84'	4" 70'	4" 100'	4" 101'	4" 385'	
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
 County of Powder River) ss.

Signature of Owner Otto J. Nehlich
Jean L. Nehlich
 Date Feb. 7, 1963

Otto J. and/or Jean L. Nehlich 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
7th day of February, 1963.
Lucille Godsey deputy
 Clerk and Recorder
 Powder River County
 Broadus, Montana

Otto J. Nehlich
Jean L. Nehlich
 (3992)

-2-
 # 74968 Filed,
 _____, 19____,
 at _____ M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 3 S, Rge 50 E

RECEIVED
 DEC 23 1963

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

1. Edward Hulford, of Olive 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:

	3-50	2-50	3-50	3-50		
	Sec. 4	Sec. 33	Sec. 4	Sec. 4	Sec.	Sec.
WELLS	No. 7	No. 8	No. 9	No. 10	No. 5	No. 6
2. Beneficial Use	domestic	stock	stock	stock		
3. DATE OF USE	1952	1963	1963	1959		
How continuous	constant	constant	constant	constant		
4. Amount claimed (gal. per minute)	12	10	12	15		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NWNW	NWSE	SESW	SESW		
Withdrawal means	pump	pump	pump	pump		
7. Completion date	1952	1963	1963	1959		
8. Water depth table	30'	15'	20'	35'		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & depth	4" x 35'	4" x 180'	4" x 140'	4" 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 _____

Date 12-2-63

Edward Hulford 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 rights
 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 2nd day of December, 1963.

74968

[Signature] deputy

File No. 74988 - 2
 Filed: 19
 at M.

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

T 2 - 8 R 33
802

Clerk and Recorder
 Powder River County

RECEIVED
 MAR 9 1964

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

OWNER Edward Hulford Address Olive, Montana

DRILLER Bandy Drilling Service Address Brookings, Montana

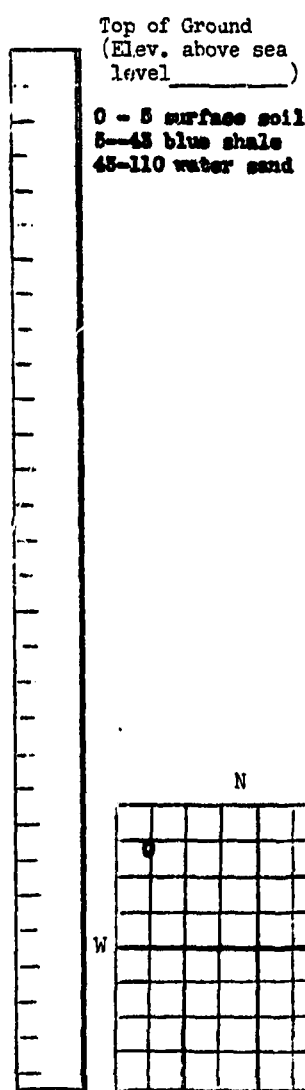
Date of Notice of Appropriation of Groundwater

Date well started Completed 1963

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 Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS		
				Kind & Size	From (feet)	To (feet)
6"	4" 94	0	110	6" slashes	45	110

Static Water Level for non-flowing well 80 feet.

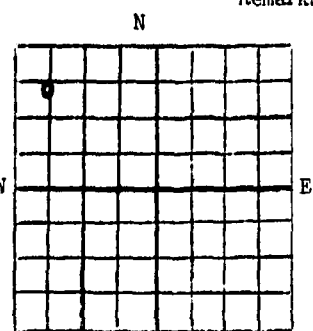
Shut-in Pressure for Flowing Well

Pumping Water Level 80.15 feet at 1035 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)



NE 1/4 Sec. 3 T. 2 R. 80 E

STATE OF MONTANA
 County of Powder River)SS.

Edward Hulford having first been duly sworn, depose and say 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.

16
 Driller's License Number
Frank Bandy
 Driller's Signature

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

 State Engineer
25210

75009 Filed, 12/10/63, 19 63,
 at 3:02 P. M.
 \$2.00 fee paid

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

Top S. Rge
RECEIVED
 DEC 23 1963

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

STATE ENGINEER

1. Joe Himselspach, of Coalwood,
 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. 21 No. 17	Sec. 21 No. 20	Sec. 21 No. 29	Sec. 21 No. 40	Sec. 21 No. 50	Sec. 21 No. 60
2. Beneficial Use	1956 Domestic	1956 Stock	1905 Stock	1944 Stock	1905 Stock	1925 Stock
3. DATE OF USE	1956	1956	1925	1948	1925	1925
How continuous	constant	constant	constant	constant	constant	constant
4. Amount claimed (gal. per minute)	5 gpm	6 gpm	10 gpm	6 gpm	6 gpm	5 gpm
Irrigated description	garden					
Irrigation owner	yes					
5. Irrigated acreage	3 months					
6. Location	SWNE	SENE	SWNE	SENE	SENE	SWNE
Withdrawal means	pump	pump	spring	pump	pump	spring
7. Completion date	1956	1956	1925	1948	1925	1925
8. Water depth table	20'	20'	spring	20'	40'	spring
Type (drilled or dug)	drilled	drilled	dug	drilled	drilled	dug
9. Size & depth	4"x80'	4"x80'	-0-	4"x70'	4"x80'	-0-
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

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

Signature of Owner /s/ Joe Himselspach

Date 12/10/63

Joe Himselspach 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 December, 1963

Isidoro Godoy Clerk and Recorder, Powder River County

10144

75200, Filed,
12/27, 1963,
 at 1:25 P.M.,
Leslie County, Deputy
 Clerk and Recorder
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 20 E
51
RECEIVED
 MAR 9 1964

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

1. George W. Daniels, of Broadus, Montana
 County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater under the
 the Montana Laws in effect prior to January 1, 1962, as follows:

	2-20 Lot 3 Sec. 24	2-51 Sec. 30	2-50 Sec. 24	Sec.	Sec.	Sec.
W.E.L.L.S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. How continuously used	1955 8 mo.	1910 2 mo.	Spring season.			
4. Amount Claimed (gal. per minute)	10 gpm	20 gpm	2 gpm			
Irrigated description						
5. Irrigation owner						
6. Location (40 acres) Withdrawal means	Lot 3	Sec. 30	Sec. 24 flow			
7. Completion date	1955	1910	-0-			
8. Water depth table	20'	10'	-0-			
Type (drilled or dug)	drilled	drilled	-0-			
9. Size & Depth Estimated annual 10. amount withdrawn	4" x 80'	4" x 47'				
11. Other information						
12. Log, if available						
	<u>NO LOGS</u>					

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

Signature of Owner: George W. Daniels

Date 12/27/63

George W. Daniels 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
27th day of December, 1963.

Clerk & Recorder, Powder
 River County, Broadus, Montana

George W. Daniels

55340

75009 Filed, (3)
 at _____, 19____, M.
 \$2.00 Fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge. 30 W

RECEIVED
 DEC 23 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1962)

1. Joe Himselspanch, of Coalwood, 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:

35-50E - CALLED CLERK & RECORDER.

	35-50E	25-50E	25-50E			
	Sec. 13	Sec. 13	Sec. 13	Sec.	Sec.	Sec.
WELLS	No. 1/13	No. 2/14	No. 3/15	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. DATE OF USE	1952	1945				
3. How continuous	6 months	constant	constant			
4. Amount claimed (gal. per minute)	5 gpm	8 gpm	8 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SENE	NWSW	NESW			
6. Withdrawal means	pump	pump	spring			
7. Completion date	1952	1945				
8. Water depth table	28'	30'	-0-			
Type (drilled or dug)	drilled	drilled				
9. Size & depth	4"x110'	4"x110'	-0-			
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available		NO LOGS				

STATE OF MONTANA)
) ss. Signature of Owner /s/ Joe Himselspanch
 County of Powder River)

Joe Himselspanch Date 12/10/63
 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 December, 1963.
Benjamin Clerk and Recorder, Powder River County

11794-12

31 ✓

RECEIVED
FEB 14 1962

STATE ENGINEER

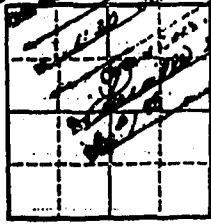
T. 28 R. 50E

County Powder River

71841 FILED
COUNTY CLERK and RECORDER
County of Powder River, Montana
I hereby certify that the within
instrument was filed for Public
Recording on the 31st day of
Dec. A. D. 1961
at 10:30 o'clock P. M.
Clerk of the County of Powder River, Montana

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Fred Hulford Address Olive, Montana

Driller Levi M. Mankin Address Laramie, Montana

Date Started Date Completed 7-31-62

Location: Sec. 31 T. 28 R. 50E 1/4 sec. NWSE

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other:

Casing: ft. to 140 ft. Type standard black Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

Static water level, for non-flowing well: 70 feet.

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

Pumping water level 70 feet at 12 gal per min

How tested: bailed

Length of test

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

set on canvas packing in rock at 120'. 15 ft. of gravel put in well to hold
out sand. This would be about 3' up in the casing.

Log of Well

Depth, Feet		Description of Material Drilled
From	To	
0	15	yellow clay
15	17	Hard rock
17	30	yellow clay
30	32	sandy shale, with $\frac{1}{2}$ gal per minute water
32	110	brown, black & grey shales
110	115	sandstone & running sand
115	120	gray shale
120	122	hard rock
122	130	gray sandy shale
130	150	sandstone, water bailed 12 gal. per minute & rose 60' with a trace of sand
150	152	gray shale

321

71841 FILED

COMPANY OF...
COUNTY...
MONTANA BUREAU OF MINES AND GEOLOGY
DEC 14 1962
1:30

T. 2S R. 50E

County Powder River

RECEIVED
FEB 14 1962

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

BY	Division	3
DATE	1-10-62	

Owner: Erad Hulford Address: Olive, Montana

Driller: Merle Drans Address: Broadus, Montana

Date Started: Date Completed: 1948

Location: Sec. 32 T. 2S R. 50E 1/4 sec. SW

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

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

Casing: _____ ft. to _____ 65 _____ ft. Type: black Size: 4"

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

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

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

Type of screen or perforations: _____

Static Water level, for non-flowing well: _____ 80 _____ feet.

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

Pumping water level: _____ 65 _____ feet at _____ 10-12 _____ gal. per min.

How tested: _____ pumped _____

Length of test: _____

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

(over)

32 ✓

RECEIVED
FEB 14 1962

STATE ENGINEER

71241 FILED
COUNTY OF...
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
Dec 1961
at 11:30

T. 2S R. 50E
County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Fred Hulford Address: Olive, Montana
Driller: Merle Drans Address: Broadus, Mont.
Date Started: Date Completed: 1948
Location: Sec. 32 T. 2S R. 50E 1/4 sec. NW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: ft. to 64 ft. Type: black Size: 4"
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 1000 to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 50 feet.

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

Pumping water level: 20 feet at 12 gal. per min.

How tested: pumped

Length of test:

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

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

File No. 71165
 Filed: May 17, 1963
 at 1:15 P. M.
Luella Godsey, deputy
 Clerk and Recorder
 Powder River County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

T 28 R 50E

RECEIVED
 MAY 21 1963
 STATE ENGINEER

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

OWNER Clark and Zora Mattison Address Olive, Montana

DRILLER Frank Bandy, Jr. Address Broadus, Montana

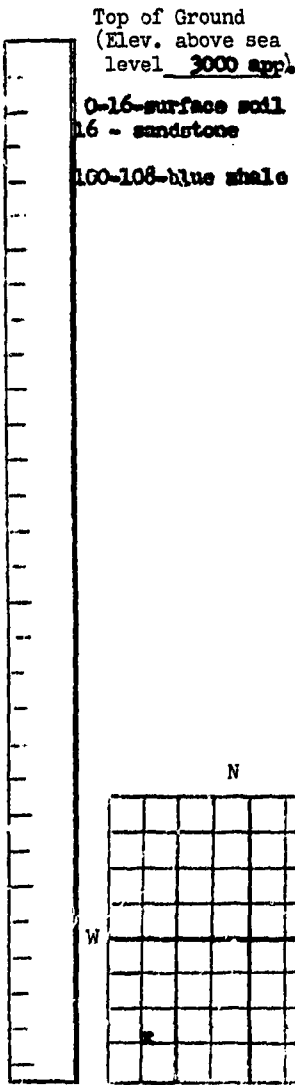
Date of Notice of Appropriation of Groundwater 0-

Date well started 4-15-63 Completed 4-25-63

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 Drilled Hole	Size & Weight of Casing	From		To		PERFORATIONS	
		(feet)	(feet)	Kind Size	From (feet)	To (feet)	
6"	4" black	surface	110'	6" slashes	surface	110'	

Static Water Level for non-flowing well 72' feet.

Shut-in Pressure for Flowing Well 0-

Pumping Water Level 0- feet at 30 gal. per minute

Discharge in gal. per min. of flowing well 0-

How Tested air Length of Test 9 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)

16
 Driller's License Number

Driller's Signature

34 1/2 SW Sec. T. 28 R. 50E

STATE OF MONTANA
 County of Powder River) SS.

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

Subscribed and sworn to before me, this 17 day of May, 196 3

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

(4541)

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

1. Clark Mattlen and Zora Mattlen, of Glenn, 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:

W E L L S	x					
	Sec. 3h	Sec. 3h	Sec.	Sec.	Sec.	Sec.
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	domestic				
3. How continuous	4-15-58 constant	1928 constant				
4. Amount claimed	15 gpm	10 gpm				
5. Irrigated acreage						
6. Withdrawal means	NEWE pump	SWEN pump				
7. Completion date	4-15-58	1928				
8. Water depth table	10 ft.	58 ft.				
9. Size & depth	drilled 4" 175'	drilled 4" 56'				
10. Amount withdrawn						
11. Other information						
12. Log, if available	reworked 130-138-blue shale 138-170-water sand 170-175-blue shale	-0-				

STATE OF MONTANA)
 County of Powder River) ss.

Signature of Owner Zora Mattlen
Clark Mattlen
 Date May 17, 1963

Zora Mattlen 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

17 day of May, 1963.
Lucille Godsey Deputy
 Clerk and Recorder
 Powder River County
 Broadus, Montana

Zora Mattlen

4547

202

No Sec. No.

File No. _____
Filed: 7-13-19
at 2-10-66

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. Sec. 7
25 50
STATE WATER CONSERVATION BOARD

Ch. 230
230
Powder River County

MAY 26 1966

Deputy
Yes-21.00

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

Billie _____ McDermott _____
Butzcrin _____ McNulty _____
Coyle _____ Morton _____
Dunham _____ Sullivan _____
Dickert _____

OWNER Robert Heate Address Castwood, Montana

DRILLER Frank Dandy Jr. Address Broadway, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started June 7, 1965 Completed June 7, 1965

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

Water Use: Domestic Municipal Stock Other
Industrial Drainage Irrigation

Top of Ground
(Elev. above sea level _____)

6-17 Surface soil
17-23 yellow clay
23-28 lime shale
28-37 sand
37-49 lime shale
49-71 hard rock
71-90 sand
90-100 coal

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 Hole	Size & Weight of Casing	From To (feet)		PERFORATIONS		
		From (feet)	To (feet)	Kind & Size	From (feet)	To (feet)
	4" blk. pipe					

Static Water Level for non-flowing well _____ feet.

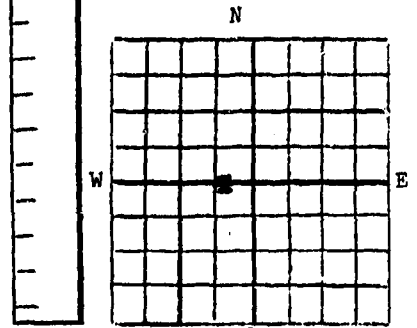
Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested _____ Length of Test _____

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



Sec. 7 T. 25 R. 50
STATE OF MONTANA)
County of POWDER RIVER)SS.

Driller's License Number _____

Driller's Signature _____

_____ having first been duly sworn, depose and say that Robert Heate 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.

Robert L. Heate

Subscribed and sworn to before me, this 10 day of February, 1966

STATE ENGINEER
Powder River
Montana
41081

71977 Filed,
12-23-62, 1962,
 at Butte, M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

1-50
 Twp 44N, Rge E

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

RECEIVED
 DEC 23 1962

1. ROBERT L. NENTE, of STATE OF 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:

	1-50	2-50	3-50	4-50	5-50	6-50
	Sec. 1	Sec. 2	Sec. 3	Sec. 4	Sec. 5	Sec. 6
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						
How continuous	1939	1950	1951	1941	1940	1935
Amount claimed (gal. per minute)	5	5	5	5	5	10
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location						
Withdrawal means	PUMP	PUMP	PUMP	PUMP	PUMP	PUMP
7. Completion date	1939	1950	1951	1941	1940	1935
8. Water depth table	210'	90'	70'	100'	60'	15'
Type (drilled or dug)	DRILLED	DRILLED	DRILLED	DRILLED	DRILLED	DRILLED
9. Size & depth						
Estimated annual Amount withdrawn	4" x 70'	4" x 70'	4" x 70'	4" x 70'	4" x 120'	4" x 70'
11. Other information						0-10' surface 10-35' gravel 35-60' sand
12. Log, if available						

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

Signature of Owner Robert L. Nente

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.

Subscribed and sworn to before me this _____ day of _____, 1962.

Robert L. Nente

 11764

GROUNDWATER INDEX

County POWDER RIVER Twp. 2 SOUTH Rge. 51 EAST

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	IRION, RALPH	GW-2	87275	
8	NEATE, ROBERT L.		74979-2	
8	NEATE, ROBERT L.		74979-2	
8	NEATE, ROBERT L.		74979-2	
8	NEATE, ROBERT L.		74979-2	
8	NEATE, ROBERT L.		74979	
9	IRION, ALVIN J.		71844	
11	IRION, ALVIN J.		71844-2	
12	RUSSELL, JAMES		73910	
13	IRION, ALVIN J.		71844-3	
14	IRION, ALVIN J.		71844-4	
14	IRION, ALVIN J.		71844-5	
18	GASKILL, DOUG	GW-2	86373	
18	GASKILL, DOUGLAS		75245	
18	GASKILL, DOUGLAS	GW-2	86604	
20	IRION, ALVIN J.		71844-6	
21	IRION, ALVIN J.		71844-5	SEE SEC. 14
21	IRION, ALVIN J.		71844-5	SEE SEC. 14
22	IRION, ALVIN J.		71844-5	SEE SEC. 14
22	IRION, ALVIN J.		71844-7	
22	IRION, ALVIN J.		71844-8	
25	IRION, CARL		75307	
28	CARTER, OTIS		75091-2	
28	CARTER, OTIS A.		75091	
28	CARTER, OTIS A.		75091	
28	CARTER, OTIS A.		75091	
29	CARTER, OTIS A.		75091	
30	DANIELS, GEORGE W.		75200	
31	NORTHERN PACIFIC RAILWAY		74678	
33	CARTER, OTIS A.		75091	SEE SEC. 28
34	CARTER, ALFRED R.		75288	
35	CARTER, ALFRED R.		75288	

I-7
RECEIVED

Top. 28 Rge. 512

JUN 23 1971

County Powder River

Form GW 2 Revised 1969
13-3M-10/69

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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.

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.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	8	sandy top soil
8	19	brown clay
19	31	gravel & sand
31	33	blue shale

Owner Ralph Iron

Address Olive, Montana

Date well started 5-28-71 GW 1

completed 5-8-71

Type of well drilled
(Dug, driven, bored or drilled)

Equipment used rotary
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

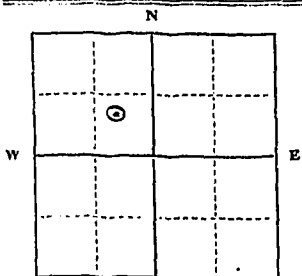
Industrial Drainage Other * Garden/Lawn

*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)
6"	4" #10	0	33	4" slots	19	33



Static water level 20 ft.*
 Pumping water level 30 ft.*
 at 6 gallons per minute,
 measured minutes after pumping began.
 *Measured from ground level.
 Well developed by
 for 1 hours.
 Power Pump HP
 Remarks: (Gravel packing, cementing, packers, type of shutoff)

Dr. J. J. J. 1/4 Sec. 4
 T. 28 S. R. 51 E. 12
 S W

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

Driller's Signature Earl D. D.

Driller's Address B Roadus, Montana

LICENSE NO. 20

33 Show exact depth of bottom

87275
FILED
 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 3rd day of
June A.D. 1971
11:05 AM
Charles Edwards
 County Clerk
 By Debra J. J. Deputy
 Fee 2.00 Paid

50,682

2-51-8

90919 Filed,
 at _____, 19____,
 M. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twps. _____ S, Rge _____ E
 2-51

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

RECEIVED
 DEC 23 1963

1. Robert L. Neate, of Coalwood
 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	2-51	2-51	2-51	2-51		
	Sec. 8	Sec. 8	Sec. 8	Sec. 8	Sec.	Sec.
	No. 7	No. 8	No. 9	No. 10	No. 5	No. 6
2. Beneficial Use	domestic	stock	stock	stock		
3. DATE OF USE	1953	1951	1951	1951		
How continuous	constant	constant	constant	constant		
4. Amount claimed (gal. per minute)	10	10	10	10		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NWSW	NWSW	NWSW	NWSW		
Withdrawal means	pump	pump	pump	pump		
7. Completion date	1953	1951	1951	1951		
8. Water depth table	13'	18'	18'	18'		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & depth	4" x 115'	4" x 101'	4" x 101'	4" x 101'		
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available		0-18 surface 18-35 gravel 35-40 blue shale	#9 same	#10 same		

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

Signature of Owner /s/ Robert L. Neate

Date 12-2-63

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 rights 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 _____ day of _____, 19____.

11761-A

74979 Filed,
 at 12:30, 1963,
 at 2:02 P. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 1-50, Rge 1-50 E

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

RECEIVED
 DEC 23 1963

1. Shirley Roddy, deputy 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:

	1-50	2-50	2-50	1-51	1-51	2-51
	Sec. 36	Sec. 9	Sec. 12	Sec. 31	Sec. 32	Sec. 8
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	stock	stock	stock	stock	stock
3. DATE OF USE	1939	1950	1957	1941	1940	1935
How continuous	3 mo	8 mo	8 mo	8 mo	8 mo	constant
4. Amount claimed (gal. per minute)	5	5	5	5	5	10
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	SWNE	SESE	NWNE	SWSE	SWNE	NWSW
Withdrawal means	pump	pump	pump	pump	pump	pump
7. Completion date	1939	1950	1957	1941	1940	1935
8. Water depth table	210'	90'	40'	100'	80'	18'
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	drilled
9. Size & depth	6" x 250'	4" x 124'	4" x 90'	4" x 90'	4" x 124'	4" x 140'
10. Estimated annual amount withdrawn						
11. Other information						0-18 surface 18-35 gravel 35-40 shale
12. Log, if available						

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

Signature of Owner Robert L. Neate

Date _____

having first been duly sworn, Robert L. Neate and says that he is of lawful age 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 2nd day of December, 1963.

Shirley Roddy deputy
 11764

71844

71844
Filed Dec. 29, 1961
at 1:45 P.M.

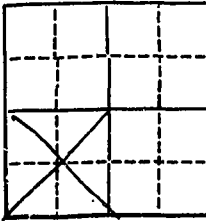
Leslie L. Gandy
deputy
Clerk & Recorder
\$1.00 pd.

T. 2 S R. 57
County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
FEB 24 1962



Owner Alvin J. Irion Address STADLERS MOUNT

Driller Bandy Drilling Co. Address Broadus

Date Started 1951 Date Completed 1951

Location: Sec. 9 T. 2S R. 57E 1/4 sec. SW

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: 103 ft. to ft. Type galvanized Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations.....

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

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

Pumping water level 65 feet at gal. per min.

Flow tested:.....

Length of test.....

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

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

(over)

RECEIVED
FEB 14 1962
STATE ENGINEER

#71844-2
Filed Dec. 29, 1961
at 1:45 P. M.
Luella L. Gode Deputy
Clerk & Recorder
\$1.00 pd.

T. 23 R. 51 E
County. Park

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner *Alvin J. Jones* Address *Circle*
Driller *James L. Jones* Address *Circle*
Date Started *1950* Date Completed *1950*
Location: Sec. *11* T. *23* R. *51 E* 1/4 sec. *NE*

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: *1.00* ft. to ft. Type *.....* Size *4"*
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.
Type of screen or perforations

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

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

Pumping water level *84* feet at gal. per min.

How tested:
Length of test:

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

RECEIVED
FEB 14 1962

STATE ENGINEER

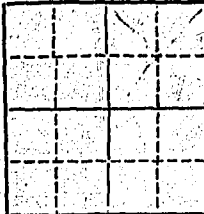
#71844-2
Filed Dec. 29, 1961
at 1:45 P. M.

Paula G. Gandy deputy
Clerk & Recorder
\$1.00 pd.

T. 2 S. R. 51 E
County Teton River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner *Alan J. Trice* Address *Chia*
Driller *...* Address *...*
Date Started *1950* Date Completed *1950*
Location: Sec. *11* T. *2 S.* R. *51 E.* 1/4 sec. *NE*

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: *100* ft. to _____ ft. Type *...* Size *4*
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations: _____

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

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

Pumping water level *84* feet at _____ gal. per min.

How tested: _____

Length of test: _____

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

(over)

File No. (73910 7)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 2 S, Rge 21 E 12

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

1. James Russiff, of 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>10</u> ✓	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. <u>1</u>	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	<u>stock</u>					
3. Date of use	<u>1946</u>					
How continuous	<u>May-Dec.</u>					
4. Amount claimed	<u>6 gpm</u>					
Irrigated description						
5. Irrigation owner						
Irrigated acreage						
6. Location	<u>NW 1/4</u>					
Withdrawal means	<u>Windmill</u>					
7. Completion date	<u>1946</u>					
8. Water depth table	<u>125'</u>					
Type	<u>drilled</u>					
9. Size & depth	<u>4" x 110'</u>					
10. Estimated annual amount withdrawn	<u>105,000</u>					
11. Other information						
12. Log, if available						

STATE OF MONTANA }
County of Powder River } ss.

Signature of Owner James Russiff

Date 2-11-63

James Russiff 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

21th day of February, 1963
Beauregard S. S. S. deputy
Clerk and Recorder
Powder River County
Broadus, Montana

James Russiff
65462

13

71844-2
Filed Nov. 29, 1954
at 1:45 PM

How to log

T 23 R 51 E

[Handwritten signature]
State Engineer

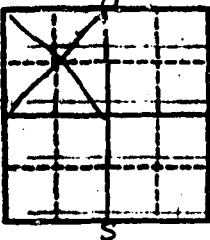
County Powder River

City Oliver

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 04 1954

WATER WELL LOG



Owner Alvin J. Trion State Engineer Oliver

Driller Bandy Drilling Co. near Broodus

Date Started 1954 Date Completed 1954

Location: Sec 13 T 23 R 51 E NW 1/4

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

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

Casing: 1 1/2 ft. to _____ ft. Type Black Size 4"

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

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

Dr. depth of screened: _____ ft. to _____ ft. _____ ft. to _____ ft.

Type of filter or packings _____

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

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

Pumping water level 126 feet at _____ gal. per min.

How tested: _____

Length of test: _____

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

(over)

#71844-4
Filed Dec. 29, 1961
at 1:45 P.M.

Quillen
deputy
Clerk & Recorder
\$1.00 pd.

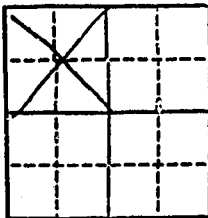
deputy

T. 25 R. 51 E
County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 24 1962

WATER WELL LOG STATE ENGINEER



Owner Alvin J. Trion Address Olive, Mont.

Driller Bandy Drilling Co. Address Broadus

Date Started 1951 Date Completed 1951

Location: Sec. 14 T. 25 R. 51 E 1/4 sec. NW

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

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

Casing: 139 ft. to _____ ft. Type black Size 4"

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

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

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

Type of screen or perforations _____

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

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

Pumping water level 63 feet at _____ gal. per min.

How tested: _____

Length of test _____

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

(over)

MONTANA WATER RESOURCES BOARD
RECEIVED

187

OCT 2 1970

County Fouder River

Form GW 2 Revised 1969
 12, 14, 16, 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

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 this form may be returned.

Owner DOUG Gaskill

Address Olive, Montana

Date well started 9-2-70

completed 9-3-70

Type of well drilled

Equipment used rotary

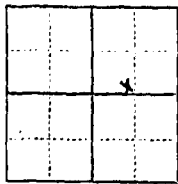
Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other Garden/Lawn

*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

Type of Drilled Hole	Size and Volume of casing	From (feet)	To (feet)	PERFORATIONS		
				Kind	From (feet)	To (feet)
6"	4"	10'	0	192	1x4" slots	170-192



Static water level 155 ft.
 Pumping water level 180 ft.
 at 5 gallons per minute,
 measured 5 minutes after pumping
 began.
 *Measured from ground level.
 Well developed 6 pumping
 for 1 hours.
 Power: 1 Pump 1 HP
 Remarks: (Gravel packing, cementing,
 packers, type of throttl)
2" cyl. 1 1/2" drop
1 pipe installed

SW 1/4 NE 1/4 Sec. 18
T. 2 N. R. 51 W.

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

Driller's Signature Earl Drane

Driller's Address Broadus, Montana

LICENSE NO. 20

192 Show exact depth of bottom

Top of Ground (Plot above sea level)

From (Feet)	To (Feet)	Description
0	7	yellow clay
7	30	yellow sand & clay
30	53	blue shale
53	59	blue sand
59	155	blue shale & coal strks
155	158	coal
158	172	blue shale w/ coal strks
172	184	blue sand
184	192	blue shale

FILED
 COUNTY CLERK and RECORDER
 County of Fouder River, Montana
 I hereby certify that the within
 instrument was filed for record in
 this office on the 2A day of
SEPTEMBER A.D. 1970
W. S. GIBB County Clerk
MARK LOUIS BRADY
 County Recorder

INDEXED

Douglas Gaskill

47582

MONTANA WATER RESOURCES BOARD
RECEIVED

OCT 2 1970

County POWER BLVD

DRILLER'S LOG

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 227 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 DEWE Gasfill

Address 01115, Montana

Date well started 8-2-70

completed 9-3-70

Type of well Drilled

Equipment used ROBERT

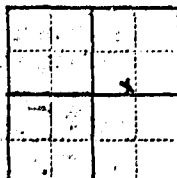
Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other Garden/Lawn

Description: 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

Type of Well	Diameter of Casing	Depth (feet)	To (feet)	PERFORATIONS		
				Start	From	To
6"	4"	10'	0	192	2x4" slots	170-192



Static water level 155 ft.
Pumping water level 180 ft.
at 5 gallons per minute
measured 5 minutes after pumping
began.
*Measured from ground level.
Well developed by pumping
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
2" cyl. & 1 1/2" drop
pipe installed

S.W. 1/4 Sec. 18
T. 2 N. R. 51 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 Broadus, Montana

LICENSE NO. 20

Top of Ground

From (feet)	To (feet)	Description
0	7	yellow clay
7	30	yellow sand & clay
30	53	blue shale
53	59	blue sand
59	155	blue shale & coal streaks
155	158	coal
158	172	blue shale w/ coal streaks
172	189	blue sand
189	192	blue shale

EXAMINED
FILED
COUNTY CLERK and RECORDER
County of Power Blvd, Montana

From (feet)	To (feet)	Description
192	192	INDEXED

192 Show exact depth of bottom

Douglas Gashill

(117582)

File No. 75245 STATE OF MONTANA
 Filed: 12-30-1963 ADMINISTRATOR OF GROUNDWATER CODE
 at 10:45 A.M. OFFICE OF STATE ENGINEER
Lucille Godsey, deputy
 Clerk and Recorder
 Powder River County

T 2 R 51

RECEIVED
 MAR 9 1964

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

OWNER Douglas Gaskill Address Olive, Montana
 DRILLER Bandy Drilling Co. Address Broadus, Montana
 Top of Ground (Elev. above sea level) _____
 Date of Notice of Appropriation of Groundwater _____
 Date well started _____ Completed 1963
 Kind of well Drilled Equipment used Rotary
 (dug, driven, bored, drilled) (churn, drill, rotary, other)
 Water Use: Domestic Municipal Stock Other
 Industrial Drainage Irrigation



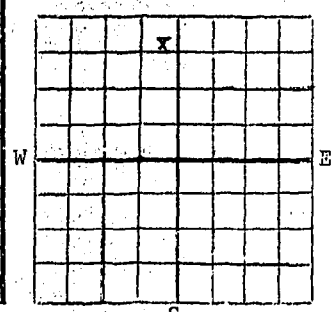
0 - 18 Sub-soil
 18 - 27 Gravel
 27 - 181 Blue Shale
 181- 230 Water
 Water

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"	9#	0	230	6" slashes	181 224

Static Water Level for non-flowing well 100' feet.
 Shut-in Pressure for Flowing Well _____
 Pumping Water Level 150' feet at 20 gal. per minute
 Discharge in gal. per min. of flowing well _____
 How Tested Air pressure Length of Test 1 hour

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)



NE 1/4 NW Sec. 18 T. 2 R. 51

STATE OF MONTANA
 County of Powder River SS.

Douglas Gaskill having first been duly sworn, depose s and says that he is of lawful age and knows 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 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.

16
 Driller's License Number
Frank Bandy
 Driller's Signature

Douglas Gaskill

Subscribed and sworn to before me, this 30th day of December, 196 3
Lucille Godsey, deputy
 CHARLOTTE EDWARDS
 Clerk and Recorder
 Broadus, Montana (35359)

RECEIVED

Tap. 2 S Rge. 51 E

JUN 23 1970

County Powder River

Form 3 GW 2 Revised 1969 13-3M-10/69

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.

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 Doug Gaskill

Address Olive, Montana

Date well started Oct. 1970

completed Oct. 1970

Type of well drilled

Equipment used rotary

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

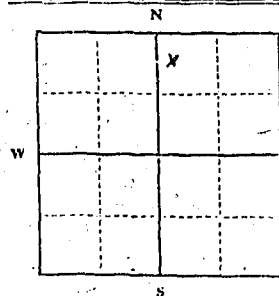
Industrial [] Drainage [] Other []* Garden/Lawn []

*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

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static water level 70 ft.* Pumping water level 180 ft.* at 4 gallons per minute, measured 2 minutes after pumping began.

N.W. 1/4 N.E. 1/4 Sec. 18 T. 2 S. R. 51 E

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

Driller's Signature Carl Drono

Driller's Address Broadus, Montana

LICENSE NO. 20

Top of Ground table with columns: From (Feet), To (Feet), and description of strata (e.g., clay, yellow sand, blue shale, coal).

86604 FILED

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 23 day of November A.D. 1970

at 3:01 o'clock P.M.

Charlotte Edwards

County Clerk and Recorder

By J. J. ... Deputy

Book 2,00 Page

INDEXED 4

220 Show exact depth of bottom

50,696

RECEIVED

WANE- Sec 18

Page 2 of 5 Page 51

JUN 23 1972

County Powder River

Form 1 GW-2 Revised 6/69 13-3M-10/69

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

DRILLER'S LOG

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 Doug Gaskill

Address Olive, Montana

Date well started Oct. 1970

completed Oct. 1970

Type of well drilled

Equipment used rotary

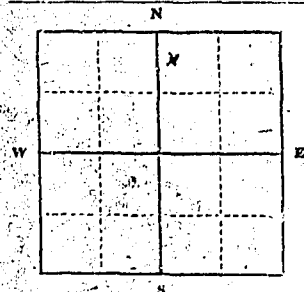
Water Use: Domestic [] Municipal [] Stock [x] Irrigation []

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

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static water level 70 ft.* Pumping water level 180 ft.* at 4 gallons per minute, measured 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)

N.W. 1/4 N.E. 1/4 Sec. 18 T. 2 S. R. 51 E.

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

Driller's Signature Carl Drane

Driller's Address Broadus, Montana

LICENSE NO. 20

220

Show exact depth of bottom

50.696

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)

Table with columns: From (Feet), To (Feet), and description of strata (e.g., clay, yellow sand, blue shale, coal).

8660

FILED

Office of

COUNTY CLERK and RECORDER

County of Powder River, Mo.

I hereby certify that the within instrument was filed for record in

this office on the 23 day of

November A.D. 1970

at 3:01 o'clock P.M.

Charlotte Edwards

County Clerk and Recorder

By [Signature] Deputy

SEA 2:00 P.M.

INDEXED 4

20 ✓

#1844-6
filed Dec. 29, 1961
at 1:45 P.M.

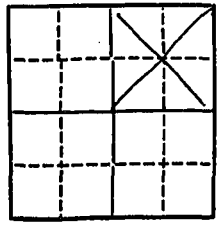
T. 25 R. 57E
County Powder River

Leville G. Galt Deputy
Clerk & Recorder
\$1.00 pd.

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 6 1962

WATER WELL LOG



Owner Alvin J. Irion Address STOVING MILLETT
Driller Alvin J. Irion Address _____
Date Started 1948 Date Completed 1948
Location: Sec. 20 T. 25 R. 57E 1/4 sec. NE

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

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

Casing: 22 ft. to _____ ft. Type Black Size 5"

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

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

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

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

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

(over)

22

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FEB 14 1962

STATE ENGINEER

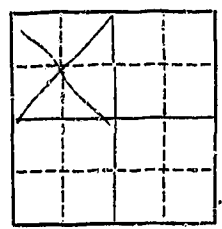
CV1844-7
Filed Dec. 29, 1961
at 1:48 P. M.

[Signature] deputy
Clerk & Recorder
\$1.00 pd.

T. 22 R. 35
County: Hill

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner: Alvin J. Iverson Address: Crow, Mont.
Driller: Alvin J. Iverson Address: _____
Date Started: 1965 Date Completed: 1965
Location: Sec. 22 T. 25 R. 35 1/4 sec. 11

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

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

Casing: 28 ft. to _____ ft. Type: Pipe Size: 6"

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

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

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

Type of screen or perforations: _____

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

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

Pumping water level: 35 feet at _____ gal. per min.

How tested: _____

Length of test: _____

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

(over)

22
RECEIVED
FEB 14 1962

STATE ENGINEER

T. 25 R. 51 E.

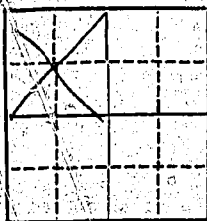
County Parkersburg

47104 -7
Filed Dec. 29, 1961
at 1:45 P. M.

James M. Staley deputy
Clerk & Recorder
\$1.00 pd.

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner *Alvin J. Irion* Address *Cove, Mont.*

Driller *Alvin J. Irion* Address _____

Date Started *1915* Date Completed *1915*

Location: Sec. *22* T. *25* R. *51 E* 1/4 sec. *11 W*

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

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

Casing: *28* ft. to _____ ft. Type *Plank* Size *6"*

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

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

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

Type of screen or perforations _____

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

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

Pumping water level: *25* feet at _____ gal. per min. _____

How tested: _____

Length of test _____

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

(over)

22 ✓

971844 - 8
Filed Dec. 29, 1961
at 1:45 P. M.

Leslie J. Gandy deputy
Clerk & Recorder
\$1.00 pt.

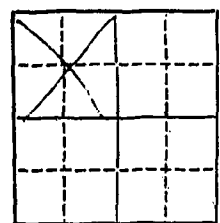
T. 25 R. 51 E
County. Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 14 1962

WATER WELL LOG

STATE ENGINEER



Owner: *Alvin J. Ivion* Address: *Clive*
Driller: *Pard, Drilling Co* Address: *Brookline*
Date Started: *1945* Date Completed: *1948*
Location: Sec. *22* T. *25* R. *51 E* sec. *NW 1/4*

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: *148* ft. to _____ ft. Type: *galvanized* Size: *3"*
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____
Static Water level, for non-flowing well: _____ feet.
Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)
Pumping water level: *110* feet at _____ gal. per min.

How tested: _____
Length of test: _____
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

71844 - 8
Filed Dec. 29, 1962
at 1:45 P. M.

Leslie S. ... deputy
Clerk & Recorder
\$1.00 pd.

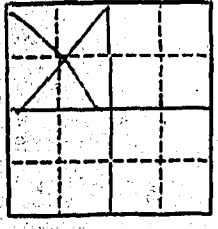
T. 25 R. 51 E
County Powder River

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 14 1962

WATER WELL LOG

STATE ENGINEER



Owner Alvin J. Ivian Address Clive

Driller Purdy Drilling Co. Address Broadus

Date Started 1945 Date Completed 1948

Location: Sec. 22 T. 25 R. 51 E sec. NW 34

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: 148 ft. to _____ ft. Type galvanized Size 3"

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

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

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

Type of screen or perforations: _____

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

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

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

How tested: _____

Length of test: _____

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

(over)

Filed,
1963,
at Butte,
M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

23
DECLARATION OF VESTED GROUNDWATER RIGHTS
MAY 11 1963

Clerk and Recorder
\$2.00 fee paid

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

1. CARL IRION, 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:

	28-507	28-518	38-402			
	+	+	+	+	+	+
	Sec. 22	Sec. 22	Sec. 23	Sec.	Sec.	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
DATE DRILLED	1951	1952	1957			
3. How continuously used	const.	const.	constant			
4. (gal. per minute)	10 gpm	10 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SWSW	SWSE	SESE			
6. Withdrawal means	well	well	well			
7. Completion date.	1951	1952	1957			
8. Water depth table	60'	70'	10'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	1 1/2" - 30'	1 1/2" - 20'	1 1/2" - 60'			
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: Carl Irion

Date 11/27/63

Carl Irion 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 November, 1963.
Clerk & Recorder, Powder
River County, Broadus, Montana

Carl Irion

35413

FILED,
1963,
at _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AND

25

Clerk and Recorder
\$2.00 fee paid

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

RECEIVED
MAR 9 1963

1. CARL IRION, 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:

	25-50E	25-51E	25-52E			
	+	+	+	+	+	+
	Sec. 25	Sec. 25	Sec. 25	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. DATE DRILLED	1954	1952	1952			
3. How continuously used	const.	const.	constant			
4. Amount Claimed (gal. per minute)	10 gpm	10 gpm	10 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location (40 acres)	SWSW	SWSE	SESE			
6. Withdrawal means	well	well	well			
7. Completion date	1954	1952	1952			
8. Water depth table	60'	100'	100'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	1" - 20'	1" - 150'	1" - 60'			
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: Carl Irion

Date 12/31/63

Carl Irion 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 _____, 1963
Clerk & Recorder, Powder
River County, Broadus, Montana

Carl Irion

35413

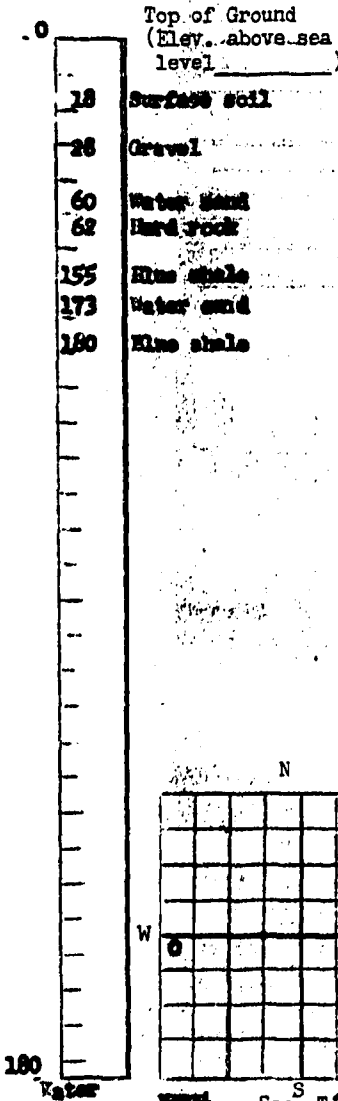
File No: 75001 - 2
 Filed: 12-18 1963
 at 1:10 P. M.
Lucille Galloway, Deputy
 Clerk and Recorder
 Powder River County

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

T 2 S R 5 E

RECEIVED
 MAR 9 1964

NOTICE OF COMPLETION OF GROUNDWATER
 APPROPRIATION BY MEANS OF WELL
 (Under Chapter 237, Montana Session Laws, 1963) STATE ENGINEER



OWNER Otis Carter Address Brookings, Montana
 DRILLER Frank Spady, Jr. Address Brookings, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started May 31, 1962 Completed May 31, 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 - s1, 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"	Black pipe 9'	0	150	Sand pipe 6" slot	155'	173'

Static Water Level for non-flowing well 61 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 200 feet at 20 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested Air pressure Length of Test 1 hour

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)

16
 Driller's License Number

Frank Spady, Jr.
 Driller's Signature

STATE OF MONTANA
 County of Powder River) SS.

Otis Carter having first been duly sworn, depose and say 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.

✓ Otis Carter

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

#12892 Filed,
 12-18, 1963,
 at 1:30 P.M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 5 E

RECEIVED
 MAR 9 1964

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

1. Orla A. Carter, of Brooks, 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:

WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of Beneficial Use		Stock	Stock	Stock	Stock	Stock
DATE OF USE		1926	1926	1926	1927	1926
How continuous		constant	constant	constant	constant	constant
Amount claimed (gal. per minute)		20 gpm	20 gpm	20 gpm	20 gpm	23 gpm
Irrigated description						
Irrigation owner						
Irrigated acreage						
Location		SW	SW	SW	SW	SW
Withdrawal means		pump	pump	pump	pump	pump
Completion date		4-20-26	5-2-26	1926	1927	1926
Water depth table		108'	66'	10'	10'	10'
Type (drilled or dug)		Drilled	Drilled			
Size & depth		4" x 138'	4" x 86'	30'	17'	22'
Estimated annual Amount withdrawn						
Other information		Cost Statement by Handy Drilling Company Brooks, Montana				
Log, if available		Well No. 1 260' Drilling 24 7/8" Casing 189 Gal. Pipe 168 pump rod 2 2 1/2" cylinders			Well No. 2 24' casing 21" Gal. pipe 21" Pump rod	

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

Signature of Owner Orla A. Carter

Date 12-18-63

Orla A. Carter having first been duly sworn, deposes and says that he is of lawful age and is the proprietor 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

Charlotte Lowndes
 Clerk & Recorder
 Brooks

75200
72300, Filed,
1962,
at _____ M.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 2 S, Rge 10 E 30

RECEIVED
MAR 9 1962

Clerk and Recorder
\$2.00 fee paid

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

1. George W. Daniels, 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:

	2-50 2-50	2-51 2-51	2-50 2-50			
	+	+	+	+	+	+
	Sec. 24	Sec. 30	Sec. 24	Sec.	Sec.	Sec.
W.E.L.L.S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. How continuously used	1965	1960	1965			
4. Amount Claimed (gal. per minute)	20 gpm	20 gpm	20 gpm			
Irrigated description						
8. Irrigated acreage						
6. Withdrawal means	Lot 5	1000	1000			
7. Completion date	1965	1960	-0-			
8. Water depth table	30'	10'	-0-			
Type (drilled or dug)	drilled	drilled	-0-			
9. Size & Depth	4" x 60'	4" x 47'				
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

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

Signature of Owner: George W. Daniels

Date: _____

George W. Daniels 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 _____, 1962.

George W. Daniels

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

55340

75200, Filed,
7-20-50, 1950,
 at _____, M.

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 50 E
RECEIVED
 MAR 9 1950

Clerk and Recorder
 \$2.00 fee paid

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

1. George W. Daniels, 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:

	2-50 2-50	2-51 2-51	2-50 2-50			
	+	+	+	+	+	+
	Sec. 24	Sec. 30	Sec. 24	Sec.	Sec.	Sec.
W. E. L. S.	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Stock	Stock			
3. DATE DRILLED	1945	1940	1947			
3. How continuously used	cont.	cont.	cont.			
4. Amount Claimed (gal. per minute)	10 gpm	20 gpm	2 gpm			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	Lot 3	1858	1857			
6. Withdrawal means			flow			
7. Completion date	1945	1940	-0-			
8. Water depth table	20'	10'	-0-			
Type (drilled or dug)	drilled	drilled	-0-			
9. Size & Depth	4" x 80'	4" x 47'				
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

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

Signature of Owner: George W. Daniels

Date: _____

George W. Daniels 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
27th day of _____, 1950.

George W. Daniels

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

55340

31/1

File No. 74678
 Filed 10-22-63 at 10:02 A.M.
 DUPLICATE \$2.00 fee paid
 Lucille Godsey, deputy
 Clerk and Recorder

T. 28 R. 51E
 County Powder River

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

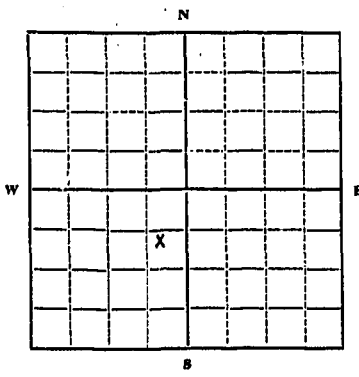
RECEIVED
 OCT 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Company, of N.P. Bldg., St. Paul, Minn.
 (Name of Appropriator) (Address) (Town)
 County of Ramsey State of Minnesota
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



2. The beneficial use on which the claim is based. Furnishing water for livestock. Will water 150 head of cattle.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1958.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 gallons per minute.

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

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

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

8. The depth of water table. 66 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 110 feet deep. 4-inch casing.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. 0-12' surface soil; 12-30' yellow clay and sandstone; 30-70' blue shale; 70-96' sand and blue shale; 96-101' coal; 101-110' blue shale.

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

Northern Pacific Railway Company
 Signature of Owner By A.H. [Signature]
 Dist. Supervisor, Graz. & Cult.
 Date

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

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

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

6590

75288, Filed,
 12-31, 1963.
 at 9:55 A.M.

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 1 S, Rge 51 E 34
RECEIVED
 MAR 9 1964

Lucille Godsey, deputy
 Clerk and Recorder
 \$2.00 fee paid
 DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1961)

1. Alfred R. Carter, of Blaine, Montana, STATE ENGINEER
 County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according
 the Montana Laws in effect prior to January 1, 1962, as follows:

	1S-51E / 1 S-51E	1S-51E	2S-51E	2S-51E	
	+	+	+	+	+
	Sec. 27	Sec. 23	Sec. 27	Sec. 31	Sec. 35
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5
Basis of	Domestic	Stock	Stock	Stock	Stock
2. Beneficial Use	Domestic	Stock	Stock	Stock	Stock
DATE DRILLED	1940	1951	1951	1944	1954
3. How continuously used	const.	constant	constant	constant	constant
Amount Claimed					
4. (gal. per minute)	15 gpm	15 gpm	15 gpm	15 gpm	15 gpm
Irrigated description					
Irrigation owner					
% Irrigated acreage					
Location (40 acres)	SE1/4	NE1/4	SW1/4	NE1/4	NE1/4
6. Withdrawal means	pump	windmill	windmill	windmill	windmill
7. Completion date	1940	1951	1951	1944	1954
8. Water depth table	100'	110'	45'	50'	100'
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled
9. Size & Depth	3"x118'	4"x150'	4"x95'	4"x90'	4"x150'
Estimated annual					
10. amount withdrawn					
11. Other information					
12. Log, if available		Log	Log		
		(Reverse side)			

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

Signature of Owner: Alfred R. Carter

Date: 12/31/63

Alfred R. Carter 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

Alfred R. Carter

35315

WELL NUMBER 2
Frank Bandy, Jr.

0 - 5 Surface soil
5 - 90 coal
90 - 94 blue shale
94 - 110 water sand
110 - 150 blue shale

WELL NUMBER 3

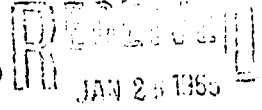
0 - 11 Surface soil
11 - 68 Blue shale
68 - 95 water sand

7-133 Filed,
at Sec. 20, 19⁶³
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Seco 12 24
Twp 2-27 Rge 8 E 20

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



1. DAVE DENSON, 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:

WELLS	2-53		2-52		2-52	
	Sec. 20	Sec. 20	Sec. 20	Sec. 20	Sec. 20	Sec. 20
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	stock	stock	stock	domestic	domestic	
3. DATE OF USE	1947	1925	1925	1915	1910	
How continuous	9 mo	9 mo	12 mo	12 mo	not used	
4. Amount claimed (gal. per minute)	10	12	6	20	20	
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	W3/4	N3/4	W3/4	W3/4	W3/4	
Withdrawal means	windmill	windmill	artesian	pump		
7. Completion date	1947	1925	1925	1915	1910	
8. Water depth table	130'	70'	0	?	?	
Type (drilled or dug)	drilled	drilled	drilled	drilled	drilled	
9. Size & depth	4" x 200'	4" x 100'	4" x 500'	5" x 700'	4" x 500'	
10. Estimated annual Amount withdrawn						
11. Other information						
12. Log, if available						

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

Signature of Owner Dave Denson

Date 12 24 63

Dave Denson 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 25th day of December, 1963

74960 . Filed,
 at 12-10, 1963,
 at 1:24 P. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 52 E

36

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

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 DEC 23 1963

1. Ross Denson, 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:

	3-52	3-53	3-53	2-52		
	Sec. 1	Sec. 8	Sec. 5	Sec. 36	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	domestic & stock	stock	stock	stock		
3. DATE OF USE	1935	1940	1959	1947		
How continuous	constant	8 mo.	12 mo.	12 mo.		
4. Amount claimed (gal. per minute)	5-6	5	8	7		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	NESW	NWSE	SWNW	NWSE		
Withdrawal means	artesian	pump	pump	artesian		
7. Completion date	1935	1940	1959	1947		
8. Water depth table	-0-	120'	85'	-0-		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & depth	4" x 550'	4" x 180'	4" x 280'	4" x 500'		
10. Estimated annual amount withdrawn						
11. Other information						
12. Log, if available						

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

Signature of Owner Ross Denson

Date 11-26-63

Ross Denson 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 26th day of November, 1963
Beville Godley, deputy

11749

RECEIVED
 MAR 4 1963

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

1. RUSSIFF & SONS
James Russiff, of Olive, 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:

	2 South, Range 52 East / 1S-51E 1S-52E 1S-52E					
	X	X	X	X	X	X
	Sec. 4	Sec. 4	Sec. 4	Sec. 2	Sec. 31	Sec. 34
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	1955	1932	1938	1960	1946	1958
How continuous	Dec. - Mar.	constant	constant	Nov. - Mar.	May - Dec.	constant
4. Amount claimed	4 gpm	5 gpm	5 gpm	7 gpm	5 gpm	4 gpm
Irrigated description						
5. Irrigation owner						
6. Location	NW 1/4	NW 1/4	NW 1/4	NW 1/4	SW 1/4	NW 1/4
Withdrawal means	engine	PUMP	windmill	windmill	windmill	windmill
7. Completion date	1955	1932	1938	1960	1946	1958
8. Water depth table	121'	20'	130'	130'	5'	140'
Type	drilled	dug	dug	drilled	dug	drilled
9. Size & depth	4" x 138'	5 x 5 x 25'	5 x 5 x 20'	4" x 140'	4" x 60x8'	4" x 156'
10. Estimated annual amount withdrawn	72,000	54,750	36,500	60,000	60,000	44,000
11. Other information						
12. Log, if available	#1 0-9 Clay 9-1200ry Shale w/ coal 120-121 Sandrock 121-136 Water Sand 136-138 Shale					#6 0-30 Clay 30-35 Sand rock 35-45 Shale 45-60 Sand rock 60-80 Shale 85-85 Sand rock 85-95 Shale 95-125 Shale 125-130 Hard Sand rock 130-145 Water Sand 145-158 Shale

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

Signature of Owner James Russiff

Date 2-28-63

James Russiff 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

11th day of February, 19 63.
Lucille Godsey deputy
 Clerk and Recorder
 Powder River County
 Broadus, Montana

James Russiff
 25110

75198 Filed,
12/23, 1963,
 at 1:00 P. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 2 S, Rge 2 E

RECEIVED
 MAR 9 1964

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

1. Thomas J. Minow & Sons by Jim O. Minow, of Oliver, 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:

WELLS	Sec. <u>5</u>	Sec. <u>17</u>	Sec. <u>19</u>	Sec. <u>6</u>	Sec.	Sec.
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock	Stock	Stock	Stock		
3. DATE OF USE	1947	1960	1961	1960		
How continuous	Winter	constant	constant	constant		
4. Amount claimed (gal. per minute)	All	All	All	All		
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location	near	near	near	near		
Withdrawal means	windmill	windmill	windmill	windmill		
7. Completion date	1947	1960	1961	11-1960		
8. Water depth table	15'	14'	20'	200'		
Type (drilled or dug)	drilled	drilled	drilled	drilled		
9. Size & depth	4" x 20'	4" x 18'	4" x 50'	4" x 300'		
10. Estimated annual Amount withdrawn	200,000	600,000	150,000	150,000		
11. Other information						
12. Log, if available						

STATE OF MONTANA)
) ss.
 County of Powder River)
Thomas J. Minow & Sons
 by Jim O. Minow

Signature of Owner /s/ Thomas J. Minow & Sons

by Jim O. Minow
 Date 12/23/63

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 23rd. day of December, 1963.

3537

1556-2 Filed,
12/23, 1963,
 at 1:00 P. M.
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Twp 1 S, Rge 2 E
51

RECEIVED
 MAR 9 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
 (Under Chapter 237, Montana Session Laws, 1962)

1. Thomas J. Minor & Sons by Jim G. Minor, of Olive, Montana,
 County of POWDER RIVER, State of MONTANA, have appropriated groundwater rights to
 the Montana Laws in effect prior to January 1, 1962, as follows:

	1963	18-52E	19-52E	20-52E	21-52E	22-52E
on other form						
Sec. 22				6	23	26
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
3. DATE OF USE		1947	1948	1960	1949	1951
How continuous		constant	constant	winter	summer	constant
4. Amount claimed (gal. per minute)		all	all	all	all	all
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
6. Location		SE 1/4	SW 1/4	SW 1/4	SW 1/4	SW 1/4
Withdrawal means		pipe	windmill	pipe	windmill	windmill
7. Completion date		2-1947	4-1948	11-1960	5-1949	9-1951
8. Water depth table		250'	100'	120'	110'	105'
Type (drilled or dug)		Drilled	drilled	drilled	drilled	drilled
9. Size & depth		4" x 320'	4" x 150'	4" x 150'	4" x 150'	150'
10. Estimated annual amount withdrawn		104,000	500,000	200,000	760,000	710,000
11. Other information						
12. Log, if available				NO LOGS		

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

Signature of Owner By Jim G. Minor

Thomas J. Minor & Sons
by Jim G. Minor 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 23rd day of December, 1963.

1964, Filed, 12-30, 1964
 at 10:30 A.M.
 Clerk and Recorder
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 MAR 9 1964
 2 S. Res. K 13

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

STATE ENGINEER

1. Ben Jurica, of Brookings, 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. 22 19	Sec. 22	Sec. 22	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	Stock	Domestic	Stock			
3. DATE DRILLED	1956	1956	1960			
How continuously used	constant	constant	constant			
4. Amount Claimed (gal. per minute)	1 gpm	500 gpm	1200 gpm			
Irrigated description						
5. Irrigation owner						
6. Location (40 acres)	SW 1/4	SW 1/4	SW 1/4			
Withdrawal means	Flow	Pump	Pump			
7. Completion date	1956	1956	1960			
8. Water depth table	Flow	25'	14'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	24 x 125'	30 x 125'	42 x 125'			
10. Estimated annual amount withdrawn			14,000 gal			
11. Other information			will 500' deep			
12. Log, if available		NO LOGS				

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

Signature of Owner: Ben Jurica

Date 12/30/64

Ben Jurica 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

day of December, 1964
John L. St. John
 Clerk & Recorder, Powder
 River County, Broadus, Montana

Ben Jurica

35356