

File No.

SEP 15 1966

174480

T. 8N R. 24E 33

DUPLICATE

Billie _____ McDermitt
 Butler _____ M. H. Hilly
 Coyne _____ Morton
 Darlington _____ Sullivan
 Top of Ground _____

County Musselshell

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

(Elev. above sea level _____)

400-405 DK Shale

405-410 " "

410-415 " "

415-420 " "

420-425 " "

425-430 " "

430-435 " "

435-440 " "

440-445 Gr. Sandy Shale

445-450 " "

450-455 Gr. Shale455-460 Coal Hard

460-465 " "

465-470 DK Gr. Shale470-475 SKIRTS of Rock

475-480 " "

480-485 " "

485-490 " "

490-495 Gray Shale

495-500 " "

500-505 Gray Shale

505-510 " "

510-515 Gray Sandstone

515-520 " "

520-525 " "

525-530 " "

530-535 " "

535-540 " "

540-545 " "

545-550 " "

550-555 " "

555-560 " "

560-565 " "

565-570 " "

570-575 " "

575-580 " "

580-585 " "

585-590 " "

590-595 " "

595-600 " "

600-605 " "

605-610 " "

610-615 " "

615-620 " "

620-625 " "

625-630 " "

630-635 " "

635-640 " "

640-645 " "

645-650 " "

Owner B. L. M. Address LeWistownDriller Joe Johnson Address Terry

Date of Notice of Appropriation of Groundwater _____

Date well started 8/23/66 Date Completed 8/31/66Type of well Drilled Equipment Used Sputter & Rotary

(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
400-405	3"	400'	650'	Slots	587	608
405-410	2.62 #1/F			1/8	461	482
410-415					398	419

Static Water Level for non-flowing Well 95 feet.Shut-in Pressure for Flowing Well Not applicablePumping Water Level 280 feet at 1 1/2 gal. per minute.Discharge in gal. per min. of flowing well Not applicableHow Tested Baker & Pump Length of Test 18 hours

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

acres irrigated, if used for irrigation) _____

Nearly all water coming fromabove bottom string of casing

Show exact depth of bottom.

590-650 Dark Shale

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

NW 1/4 NW Sec 33 T. 8N R. 24E

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

Show exact depth of bottom.

590-650 Dark ShaleDriller's License Number 154Driller's Signature Joe Johnson

Driller's Signature

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

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

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

41,403

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 14 DAY OF

Sept A. D. 19 66
AT 4.30 O'CLOCK P. M.

Claude L. Fletcher
COUNTY RECORDER

200

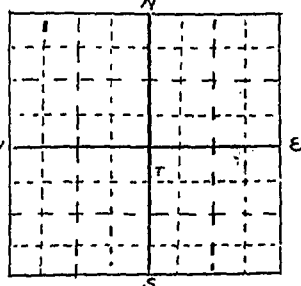
State of Montana
Administrator of groundwater Code
Office of State Engineer

T. & N. 24E
County MUSSELSHELL
RECEIVED
FEB 10 1964

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

1. MARCUS AND ANTOINETTE CROWLEY....., of.....
(Name of Appropriator) (Address) (Town)

County of State of
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.....

STOCK WATER.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 SUMMER AND FALL.....

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

N.W. 1/4 Sec. 35 T. 8 N. R. 24 E. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
HAND PUMP. PUMP JACK. N.W. 1/4 Sec. 35 T. 8 N. R. 24 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1945.....

8. The depth of water table APPROXIMATELY 40 FT......

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
DRILLED... 5 IN. CASING... 100 FT.

10. The estimated amount of groundwater withdrawn each year. 30000 GALS.....

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

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

Marcus Crowley
Signature of Owner Antoinette Crowley
Date 2-7-64

170013

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 7 DAY OF

February A. D. 19 64
AT 5:12 O'CLOCK P M.

B. H. MATZKE

COUNTY RECORDER

DEPUTY

Elaine
25.00

File No.

T. 8 N. R. 24 E

DUPLICATE

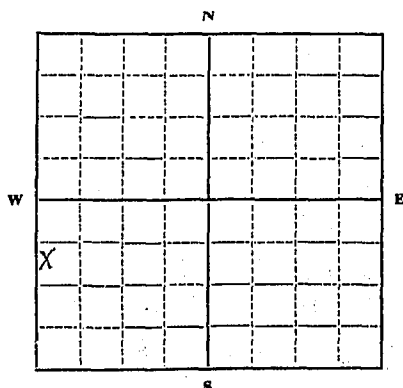
County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 15 1962

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

1. Beths Ranch, of Box 478 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4, SW Sec. 36, T. 8, R. 24

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

2. The beneficial use on which the claim is based.....
Stock water
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1920 cleaned &
deepened 1947 continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gpm
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
Windmill & pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... 1947
8. The depth of water table..... 210
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater..... 4 in 10 ft steel casing
10. The estimated amount of groundwater withdrawn each year..... 100,000 gal
11. The log of formations encountered in the drilling of each well if available..... 160 shale
limestone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record.....

Signature of Owner.....

Nathaniel R. R. R. R. R.
Date May 15, 1962

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

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

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

166335
STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss.

FILED THIS 15 DAY OF

May A. D. 1962
AT 3:57 O'CLOCK P.M.

R. H. MATZKE

COUNTY RECORDER

Elaine J. Boorman
DEPUTY

42.00

GROUNDWATER INDEX

Page 1 of 2County Musselshell Twp. 8N Rge. 25E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Peters, Mable	57C06		
1	" "	57C06		
2	" "	57C06		
2	" "	57C06		
3	Newton, Walter	GW4	173481	
6	U.S. Bureau of Land Management	GW2	173120	
6	" " " " "	GW1	171402	
8	Lacey, Helen	GW4	169815	
10	Nashum, John & Agnes	GW2	183554	
10	" "	GW2	183544	
10	" "	GW2	18545	
12	Peters, Mable	57C06		
12	" "	57C06		
12	Wildin, J. E.	GW4	169219	
14	Dodds, James & Unice	GW4	169632	
14	Dodds, Laurence	GW4	169664	
14	" "	GW4	169665	
14	Walley, Edna	GW2	183688	
14	Lynch, James & Elsie	GW2	182004	
14	Sternes, Mae	GW4	169079	
14	Samlin, Charles	GW4	169348	
15	" " & Margaret	GW3	169347	
15	Hunt, Merle	GW3	175258	
17	Petrie, Harold	GW2	182509	
20	Walsh, Jack	GW2	184526	
22	Hunt, Merle	GW2	180285	
22	Qot, Arthur & Eleanor	GW4	168510	
22	McSweeney, Donald	GW2	185207	
22	Milne, Mrs.	GW2	183406	
22	Peterson, Helen	GW2	185853	
22	Rath, Joseph J.	GW4		
22	Perrella, Mike	GW4	169743	
22	Smith, Emmet	GW4	169783	
22	Stephenson, Mrs. John	GW4	169152	
22	Tracy, Jack & Sig Sucker	GW2	173272	
22	" " "	GW2	182150	
22	Tracy, Rhoda (Homer)	GW4	169638	
23	" " "	GW4	169637	
23	Hortz, Lyle & Jim Ross	GW4	173872	
23	" " "	GW4	173193	
23	Racki, Joni & Angela	GW4	169246	
23	Nation, John G.	GW4	169078	
23	Jones, Vergil	GW2	185805	
23	" " "	GW2	185804	

GROUNDWATER INDEX

Page 1 of 2

County MusselshellTwp. 8NRge. 25E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Peters, Mable	57C06		
1	" "	57C06		
2	" "	57C06		
2	" "	57C03		
3	Newton, Walter	GW4	173481	
6	U.S. Bureau of Land Management	GW2	173120	
6	" " " "	GW1	171402	
8	Lacy, Helen	GW4	169815	
10	Nesheim, John & Agnes	GW2	183554	
10	" "	GW2	183544	
10	" "	GW2	18545	
12	Peters, Mable	57C06		
12	" "	57C06		
12	Wildin, J. &	GW4	169219	
14	Dorda, James & Unice	GW4	169632	
14	Dorda, Laurence	GW4	169664	
14	" "	GW4	169665	
14	Haley, Edna	GW2	183688	
14	Lynch, James & Elsie	GW2	182004	
14	Sterner, Mae	GW4	169079	
14	Jamlin, Charles	GW4	169348	
15	" " & Margaret	GW3	169347	
15	Hunt, Merle	GW3	175258	
17	Petrie, Harold	GW2	182509	
20	Walsh, Jack	GW2	184526	
22	Hunt, Merle	GW2	180285	
22	Colt, Arnold & Elmer	GW4	168510	
22	McSwain, Donald	GW2	185207	
22	Milne, Mrs.	GW2	183406	
22	Peterson, Helen	GW2	185853	
22	Rath, Joseph J.	GW4		
22	Perrella, Mike	GW4	169743	
22	Smith, Ernest	GW4	169783	
22	Stephenson, Mrs. John	GW4	169152	
22	Tracy, Jack & Sig Jucker	GW2	173272	
22	" " "	GW2	182150	
22	Tracy, Rhoda (Common)	GW4	169638	
23	" " "	GW4	169637	
23	Stortz, Lyle & Jim Ross	GW4	173872	
23	" " "	GW4	173193	
23	Racki, Jani & Angela	GW4	169246	
23	Nation, John &	GW4	169078	
23	Jones, Vergil	GW2	185805	
23	" " "	GW2	185804	

Page 1 of 2

County Musselshell Twp. 8N Rge. 25E

GROUNDWATER INDEX

Page of

County _____ Twp. _____ Rge. _____

Added after Index was made

[illegible]

County Musselshell Twp. 8N Rge. 25E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
23	Jones, Vergil	GW2	185803	
23	Pratt, Wm & J.W. Fisher & Wm Evans & Merle Hunt & John Nation	GW2	176038	
23	Zuppm, Luke	GW2	182664	
24	Seltz, Al & B. Bowers & R. Bowers	GW4	169541	
24	Roundup, City of	GW4	166774	
24	" "	GW4	166775	
26	Meatdagh, Mary	GW4	169547	
26	" " Gilbert &	GW4	169413	
26	McCulloch, Greg & Charles	GW4	168719	
28	Lacey, Mark	GW3	169814	
28	Kawalski, Stephen	GW4	169706	
28	Mayer, Elmer	GW4	169717	
28	Railery, Alice	GW4	169653	
28	" "	GW4	169649	
29	" "	57106		
29	" "	GW3	169650	
29	" "	GW3	169652	
30	Kawalski, Stephen	GW3	169705	
31	Lindstrom, Clarence	GW4	169524	
31	Ellison, Harold	GW4	169641	
32	U.S. Bureau of Land Management	GW2	172122	
32	" " " " "	GW1	171398	
33	Davis, David R.	GW2	167558	
33	Jones, Vergil	GW2	185806	
34	Rodriguez, Domenich	GW2	174625	
35	Beard, Glenn & Evelyn	GW4	169618	
35	Mays, Paul	GW3	168648	
35	Mays, Paul	GW4	168647	
35	Rogers, James	GW3	183255	
35	" "	GW2	178054	
35	School District #12	GW4	166386	
35	" " "	GW4	166385	
36	Spear, Joseph	GW4	166265	
14	Chadd, Cecil D.	GW2	182604	
14	Lynch, James F.	GW4	169816	
14	Polich, Annie	GW4	169627	
23	Clancy, Patricia	GW4	169542	
35	Banavetz, Emil	GW2	174124	
35	Rogers, James F.	Well log		
?	Fay's Bar	" "	165807	
?	Giese, Mabel	GW3	166409	

Form No. 18
8-60

T. 8 R. 25
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1957

STATE ENGINEER

Water Well Log

Owner Mabel Peters Address Roundup Mont
Driller Joe Peters Address Roundup Mont
Date Started 9/15-1957 Date Completed 9/30-1957
Location: Sec. 1 T. 8 R. 25 $\frac{1}{4}$ sec. S.E. $\frac{1}{4}$

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

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

Casing: 190 ft. to top ft. Type gal. Size 6" 20 gauge

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 44' of top feet at 5 gal. per min.

How tested: Bailer test

Length of test _____

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

(over)

Log of Well

Depth feet		Description of Material Drilled
From	To	
0	2'	top soil
-	15'	sand stone
	20'	shale
	10'	sand rock
		Some water at 47' 1 gal. per min.
	50'	of shale
	5'	of sand rock
	42'	of shale
"	10'	of blue shale
	5'	of sand rock
"	8'	of blue clay
	15'	of sand rock
	4'	of shale - more water
	4'	of soft sand rock
		Well completed at 190'
		Water bailed at 5 gal. per min
		Raised to 47' of top

Form No. 18
8-60

T. _____ R. _____

County _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

		0

STATE ENGINEER

Owner Mabel Peters Address Roundup Mont.
Driller Joe Peters Address Roundup Mont.
Date Started 10/1-1957 Date Completed 10/12-1957
Location: Sec. 1 T. 8 R. 25 sec. NE 1/4

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

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

Casing: 120 ft. to top ft. Type Galvanized Size 6" 20 gauge

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: 105 feet.

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

Pumping water level 90 feet at 30 gal. per min.

How tested: Bailer

Length of test _____

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

(over)

Log of Well

[illegible]

Form No. 18
8-60

T. 8 N R. 25
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

Owner Mable Peters Address Roundup
Driller Peter's Equipment Co Address Roundup
Date Started Dec 15, 1958 Date Completed Dec 30, 1958
Location: Sec. 2 T. 8 R. 25 $\frac{1}{4}$ sec. _____

Type of well drilled Equipment used Keystone spudder
(Dug, driven, or drilled) (turn, drill, rotary, other)

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

Casing: 0 ft. to 165 ft. Type 20 gauge gal Size 6 in

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

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

Perforated, or screened: Ft. 140 to ft. 155. Ft. _____ to ft. _____

Type of screen or perforations _____

Static water level, for non-flowing well: 14 ft from top feet.

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

Pumping water level 150 feet at 8 gal. per min. _____

How tested: balis tested

Length of test 2 hours

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

(over)

T. Sec 2 N. 2 R. 25
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1957

Water Well Log

STATE ENGINEER

Owner Mabel Peters Address Roundup Mont
Driller Peters Equipment Co Address Roundup Mont
Date Started April 17 1957 Date Completed May 1 1957
Location: Sec. 2 T. 2 N. R. 25 $\frac{1}{4}$ sec.

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

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

Casing: 0 ft. to 410 ft. Type Galv Steel Size 6 x 8 in Casing

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 365 to ft. 490 . Ft. to ft.

Type of screen or perforations

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

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

Pumping water level 50 ft feet at 7 gpm gal. per min.

How tested:

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) Water level test at 700 ft. in mountain

(over)

Log of Well

[illegible]

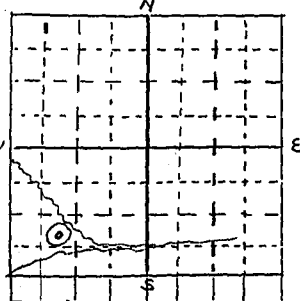
GW 4

STATE OF MONTANA

T. 8. N. ... R. 25. E. ...
County. Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Walter Newton....., of Boonchup.....
(Name of Appropriator) (Address) (Town)
County of Musselshell.....State of Montana.....
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.....
Sh. tank. Water.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1947.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....5 gpm.....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
Sec. 4, T. 8, R. 25
Pump & Water
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump & Water
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
November 1947
8. The depth of water table20 ft.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
6 in. dia. 100 ft. depth
10. The estimated amount of groundwater withdrawn each year. all it will produce
11. The log of formations encountered in the drilling of each well if available.....
Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....
None

Signature of Owner Walter Newton
Date 1/27/66

40784

173481

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY, }

FILED THIS 27 DAY OF

January A. D. 1966
AT 10:00 O'CLOCK AM

CLAUDE F. FLETCHER

COUNTY RECORDER

Elaine J. Gorman
DEPUTY
\$2.00

File No.

NOV 12 1965

T. 8 N. R. 25 E

DUPLICATE

Billie _____ McDermott _____
 Butcher _____ McNulty _____
 C. J. O'G _____ Morton _____
 Darlington _____ Sullivan _____
 Dickert _____

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner B. L. M. Address Levinston, Mont.Driller P. L. Ferguson Address Roundup, Mont.

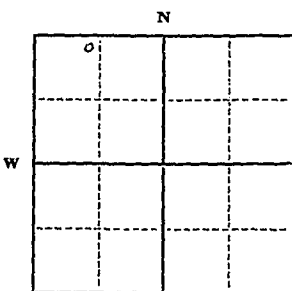
Date of Notice of appropriation of groundwater.....

Date well started 9-21-65 Date completed 9-27-65Type of well drilled Equipment used Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 1/4"	20# 6 5/8 ID		121	1 1/2"	95	108

Static Water Level for non-flowing well 69 feet.Shut-in Pressure for Flowing Well Not ApplicablePumping Water Level 112 feetat 4 gal. per minute.

Discharge in gal. per min. of flowing well

does not applyHow Tested DrillingLength of Test 1 hr

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

Cemented

(Continue on reverse side)

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

121 Show exact depth of bottom.

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

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

34 Driller's License Number

P. L. Ferguson Driller's Signature

39807

STATE OF MONTANA,
MUSSELSHELL COUNTY. (SS)

AT 9.20 O'CLOCK 9 M

Claude F. Zetser
COUNTY RECORDER

Figure

MEMORANDUM FOR THE
SECRETARY OF THE ARMY
WASHINGTON, D.C.
SUBJECT: [illegible]
[illegible]

10761 (see serial 10760)

501

File No.

T. 3 N R. 25 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Newton #2 M6-R-863

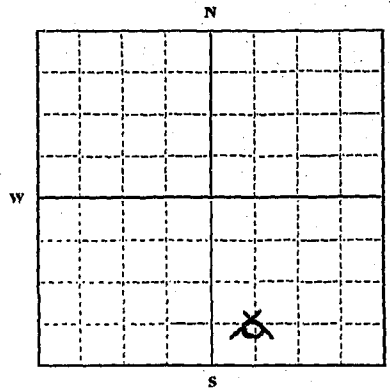
RECEIVED
OCT 1 1964

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

- I, Bureau of Land Management, of Drawer 699, Lewistown,
(Name of Appropriator) (Address) (Town)
County of Fergus, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is Stockwater
Not applicable
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 2000 gals./day
@ 5 gals./min.
- The annual period (inclusive dates) of intended use Year long
- The probable or intended date of first beneficial use June 1, 1965
- The probable or intended date of commencement and completion of the well* or wells*
- The location, type, size and depth of well or wells contemplated SW 1/4 Sec. 6, T. 3 N., R. 25 E. A drilled and cased well, 225' deep, 6" casing. Pump well.
- The probable or estimated depth of the water table or artesian aquifer 225'
- Name, address and license number of the driller engaged

- Give such other similar information as may be useful in carrying out the policy of this act. Inferred aquifer is the Hell Creek Sandstone.
Water will be used at location for watering range livestock.



SE 1/4 Sec. 6, T. 3 N., R. 25 E.
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator /s/ Garth M. Colton,

District Manager

Date August 13, 1964

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

38528

171402

STATE OF MONTANA.
MUSSELSHELL COUNTY.

FILED THIS 30 DAY OF
Sept A. D. 1964
AT 1:52 O'CLOCK P.M.

COUNTY RECORDER
Elaine J. Gosman
DEPUTY
#2.00

GW 4

RECEIVED
JUN 23 1964

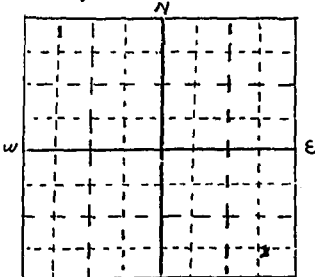
State of Montana
Administrative Division
Office of State Engineer

T. 8 N R. 25 E
County Musselshell

RECEIVED
JAN 3 1964

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

1. Helen Lacey, of Roundup,
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 8 T. 25 N R. 28 E

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

2. The beneficial use on which the claim is based.....
irrigation for garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been summer 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....approx. 3 gal per min
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....2 acres Mrs. Helen Lacey
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water hand dug summer 1963
8. The depth of water table 15 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....15 ft deep 7 ft by 10 ft
10. The estimated amount of groundwater withdrawn each year.....500,000 gal
11. The log of formations encountered in the drilling of each well if available.....sand gravel and rock
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 count record.....

Signature of Owner Helen Lacey
Date Dec. 31, 1963

169815

STATE OF MONTANA,
HULL & HILL COUNTY.

THIS 31 DAY OF
DEC 63
AT 6:36 P M

RECEIVED
COUNTY CLERK
Francis L. Dawson
202 DEPT.

8N 25E - 10

3 GW 3 Revised 1960
2037-1300-1/71

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

For Administrator's Use

File 183554; April 19, 1972

11:19 A.M.

GW 1

Owner John or Agnes Neuhain

Address Rt 1 Box 45 Roundup, Montana

Contractor (if any)

Address of Contractor

Date Started Date Completed

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

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

3. Depth of water table 4 ft.

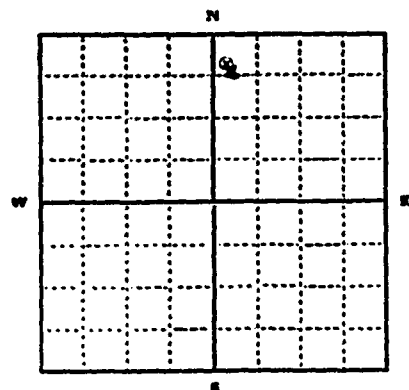
4. Use of the water Livestock & garden

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All it will produce

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

7. Estimate amount of water used each year
total amount produced

8. Months of year spring flows
All year



NW 1/4 NE 1/4 Sec. 10

T. 8 R. 25 S. E. 26

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated do not know

Signature of Owner

Date April 19, 1972

50,232

183554

STATE OF MONTANA,
MUSSELSHELL COUNTY.
FILED THIS 19th DAY OF
April A. D. 1922
AT 11:19 O'CLOCK 9 M.
CLAUDE F. FLETCHER
COUNTY RECORDER
James J. Green
204 DEPUTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

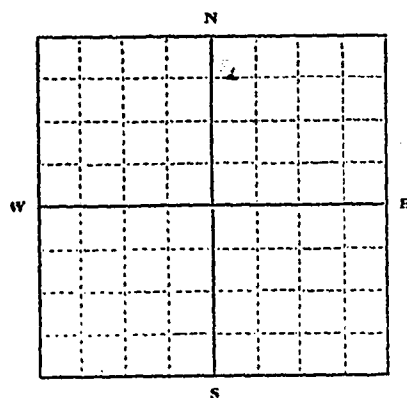
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

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

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

For Administrator's Use
File <u>183554; April 19, 1972</u>
<u>11:19 A.M.</u>
GW 1



NE 1/4 NE 1/4 Sec. 10
T. 8 N. R. 25 E. 1/4

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated do not know

RECEIVED

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Owner John or Agnes Escheim
Address Box 454 Roundup, Montana
Contractor (if any) _____
Address of Contractor _____
Date Started Aug - 1928 Date Completed July - 1929

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) How developed?
Dug - Cribbed & Piped out

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

3. Depth of water table 4 ft.

4. Use of the water Livestock & garden

5. Amount of groundwater claimed (in miner's inches or gallons per minute) All it will produce
1200 gal. per minute

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

7. Estimate amount of water used each year total amount produced 250,000 gal. per year

8. Months of year spring flows All year

Signature of Owner _____

Date April 12, 1972

50,232

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

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

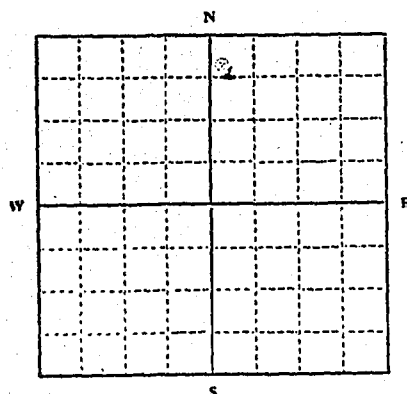
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 183554; April 19, 1972

11:19 A.M.

GW 1



NW 1/4 NE 1/4 Sec. 10

T. 8 N R. 25 E

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

mated do not know

RECEIVED

JUN 2 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Owner John or Agnes Nesheim

Address Box 454 Roundup, Montana

Contractor (if any)

Address of Contractor

Date Started May - 1928 Date Completed July - 1929

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

Dug - Cribbed + Piped out.

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

3. Depth of water table 4 ft.

4. Use of the water Livestock & garden

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) All it will produce

19000 Per Minute

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

7. Estimate amount of water used each year

total amount produced 259,200.66 per year

8. Months of year spring flows

All year

Signature of Owner

Date April 12, 1972

50,232

HOUSE WELL

3 GW 2 Revised 1969
STATE PUBLISHING COMPANYSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARDNOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner **JOHN NESHEIM**Address **ROUNDUP****MONTANA.**

Date well started

completed **1969**Type of well **DRILLED**

(Dug, driven, bored or drilled)

Equipment used **ROTARY**

(Churn drill, rotary or other)

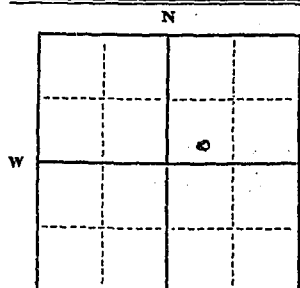
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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		
6 3/4	plastic	0	185	Kind	From (Feet)	To (Feet)
				10" drill	100	155

Static water level **50 ft.***
Pumping water level **50 ft.***
at **4** gallons per minute,
measured **4** minutes after pumping
began.

*Measured from ground level.

Well developed by **bailer**for **4** hours.Power **100** Pump **100** HP

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

SE 1/4 NE 1/4 Sec 10

T. 8 N. R. 25 E. S. 8

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.Driller's Signature *London S. ...*Driller's Address *Roundup, Mont.*LICENSE NO. **54**County **MUSKELSHIELL**

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	9	top soil
9	18	grey sandstone
18	32	grey green shale
32	36	tan sandstone
36	40	grey shale
40	60	tan stone
60	65	grey sandstone
65	67	coal bed
67	75	light grey shale
75	80	blue grey shale
80	98	grey shale
98	102	grey sandstone (water)
102	120	grey sandstone (water)
112	120	grey shale beaonic
120	124	grey green shale
124	128	grey shale
128	131	grey stone
131	137	grey sandstone coal
137	142	grey sandy shale
142	146	grey sand stone
146	150	grey shale
150	155	grey sand stone
155	162	grey shale
162	167	grey sand stone
167	185	grey sand stone
185		TOTAL DEPTH

Show exact depth of bottom

50, 226

183544

STATE OF MONTANA,
MUSSELSHELL COUNTY, }
FILED THIS 17th DAY OF
April A. D. 19 72
AT 10:18 O'CLOCK A M.
CLAUDE F. FLETCHER
COUNTY RECORDER
Shirley Stevens
2nd DEPUTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**
Developed after January 1, 1962

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

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

Owner **JOHN MESHEIM**

Address **ROUNDUP,**

MONTANA,

Date well started

completed **1951**

Type of well **DRILLED**

For Administrator's Use
File 183545 April 17, 1972
10:22 A.M.
GW 1

Equipment used **CABLE TOOL**

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

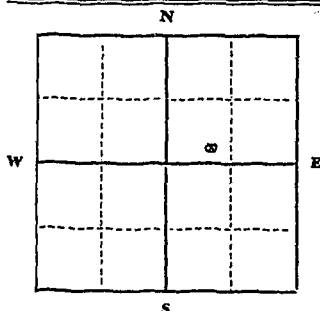
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/2"	6.7	0	210	slotted welded		



Static water level **50** ft.*
Pumping water level **5** ft.*
at gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by **bailer**
for hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SE 1/4 NE 1/4 Sec. **10**
T. **8** N. R. **25** E. RA. 2

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

Driller's Signature *Gordon Leamon*

Driller's Address *Roundup, Mont.*

LICENSE NO. **54**

8N 25E 10
County **Musselshell**
DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	8	top soil
8	13	sand stone
13	21	shale
21	64	grey sand stone
64	83	green shale
83	93	grey sand stone water
93	97	grey shale
97	108	grey sand stone water
108	115	green shale
115	125	sandy grey shale
125	153	grey sandy water
153	175	grey shale
175	200	grey sand water
200	210	grey shale
210		TOTAL DEPTH

Show exact depth of bottom

50, 227

183545

STATE OF MONTANA }
MUSSELSHELL COUNTY } ss.
FILED THIS 17th DAY OF
April A. D. 19 22
AT 10:22 O'CLOCK A.M.
CLAUDE F. FLETCHER
COUNTY RECORDER
Irville Stevens
2nd DEPUTY

Form No. 18
8-60

12

T. Sec 12 8N R. 25
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1961

STATE ENGINEER

Water Well Log

	X	

Owner Mable Peters Address Roundup Mont
Driller Peters Equipment Co Address Roundup
Date Started Nov 4, 1960 Date Completed Nov 28, 1960
Location: Sec. 12 T. 8 R. 25 $\frac{1}{4}$ sec. South west 4

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

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

Casing: 0 ft. to 204 ft. Type 20 gal gauge Size 6 in.

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

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

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

Type of screen or perforations _____

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

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

Pumping water level 200 feet at 4 gal. per min.

How tested: faller test for 2 hours

Length of test 2 hours

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

(over)

Log of Well

Depth feet		Description of Material Drilled
From	To	
0	12	top soil
12	15	sand rock
15	17	coal
17	20	shale
20	30	Blue shale
30	32	sand rock
32	43	Gray shale
43	45	sand rock
45	50	shale
50	60	Gray shale
60	71	sand rock
71	91	Gray shale
91	115	gray shale
115	160	gray shale
160	178	gray shale
178	180	sand rock
180	196	sandy Gray shale
196	198	Hard sand rock
198	204	blue shale

T. 8 N R. 25 12
County Muskege

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1967

Water Well Log

STATE ENGINEER

Owner Mabel Peters Address Roundup Mont
Driller P. L. Ferguson Address Roundup Mont
Date Started Jan 10, 1957 Date Completed Jan 20, 1957
Location: Sec. 12 T. 8 R. 25 $\frac{1}{4}$ sec.

Type of well drilled Equipment used Spudder
(Dug, driven, or drilled) (Gurn, drill, rotary, other)

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

Casing: 0 ft. to 133 ft. Type gal 20 gauge Size 6 in
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or screened: Ft. 125 to ft. 145. 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: _____

Pumping water level 140 feet at 2 1/2 gal. per min.

How tested: Palms tested

Length of test _____

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

We'll have dropped some in last day
year to 2 gal a minute pumping 24
hours a day.

G

Approved Stock Form--State Publishing Co., Helena, Montana--41921

File No.

DUPLICATE

T 8 R 25 E
Muskehell.

County

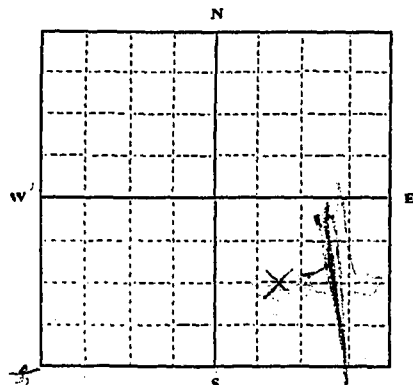
RECEIVED
DEC 23 1963STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

J. E. Wildin 1320. 2nd St E. Roundup
 (Name of Appropriator) (Address) (Town)
 County of Muskehell State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S E 1/4 Sec. 12 T. 8 N. R. 25 E

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

2. The beneficial use on which the claim is based.
Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
Stock Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 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
Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
1959
8. The depth of water table. 150 feet deep
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.
150 feet deep, six inch drilled hole
10. The estimated amount of groundwater withdrawn each year. No Record
11. The log of formations encountered in the drilling of each well if available.
Sand & sandstone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
No record

Signature of Owner

J. E. Wildin
 Date Dec 18. 63.

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

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

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

11634

169219

STATE OF MONTANA,
MUSSELSHELL COUNTY, ss.

FILED THIS 19 DAY OF
December A. D. 1963
AT 12:30 O'CLOCK P.M.
B. H. MATZKE

COUNTY RECORDER
Frances L. Dawson
DEPUTY

1961 3 1961

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

1. James H. Dadds, of Box 801 Lawson
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:

See Waadick
additional Pla
in Clerk
"See also
officer
member me

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....679.6 per day.....

Well No. 1 Sec. 8 T. 5 R. 5
 Lot 8 Block 8 (Woodland)
 Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
 If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
 The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 12.5.61 - 1.4.62

8. The depth of water table 70 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwal of groundwater.....
Depth.....12.5 ft.....Land other.....Shrubs.....

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

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

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

Signature of Owner Mrs. James Rode

Date Dec 31, 1963

GW 4

State of Montana
Administrator of groundwater Code
Office of State Engineer

T...R...
County...
JAN 8 1964

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

1. James H. Dadds, of Butte, Mont.
(Name of Appropriator) (Address) (Town)

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

See Well Log
Additional Plat
in Clerk's
Records
Butte, Mont.
Railroad

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..1953..

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

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.....
Well Log Sec. 8 Black 8 (Woodland)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ..1954..

8. The depth of water table ..7.5 ft..

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Depth ..12.5 ft..

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

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

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

Signature of Owner Mrs. James Dadds

Date Dec 31, 1963

169632

STATE OF MONTANA, ^{1st} SA
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

December A. D. 1963

AT 11:01 O'CLOCK a M.

R. E. MATZKE

COUNTY RECORDER

Frances L. Hanson
DEPUTY

200

File No.

T. 8 R. 25

DUPLICATE

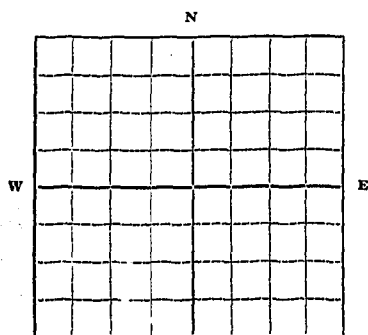
County, Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 3 1964
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Laurence I. Dodds, of P. O. Box #544 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 13, Block 1, Woodard Addition
To Roundup, Musselshell Co., Montana
1/4 Sec. 14 T. 8 R. 25

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

2. The beneficial use on which the claim is based Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 Continuous
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 Jet Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table 80 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" Hole - 150 Feet Deep
10. The estimated amount of groundwater withdrawn each year 32,000 Gallons
11. The log of formations encountered in the drilling of each well if available Top Soil, Sand, Sand
Rock, Various Sandstones and Siltstones (Drillers Log)
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner

Laurence I. DoddsDate December 31, 1963

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

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

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

20510

169664

STATE OF MONTANA,
HILLSBOROUGH COUNTY.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:29 O'CLOCK P.M.

EM MATZKE

COUNTY RECORDER

Francis L. Dawson
2nd DEPUTY

File No.

DUPLICATE

T. 8 N. R. 25

County

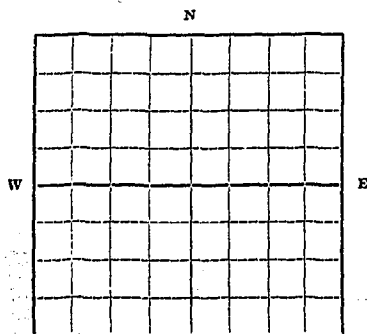
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Laurence I. Dodds of P. O. Box #544 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 9, Block 1, Woodward Addition to Roundup, Musselshell County, Montana

Sec. 14 T. 8 N. R. 25

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 Continuous

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1956

8. The depth of water table 60 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" Hole, 150 Feet Deep

10. The estimated amount of groundwater withdrawn each year 37,000 Gallons

11. The log of formations encountered in the drilling of each well if available Top Soil, Sand, Sand Rock, Various Sandstones and Scapestones.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Laurence I. Dodds

Date December 31, 1963

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

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

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

20511

169665

STATE OF MONTANA
MUSSELSHELL COUNTY

FILED THIS 31 DAY OF

December 1963

AT 12:35 O'CLOCK P.M.

B. H. MATTHE

COUNTY RECORDER

Francis L. Dawson
20

50,321

183688

STATE OF MONTANA, ss.
MUSSELSHELL COUNTY.

FILED THIS 2 DAY OF

May A. D. 1922

AT 2:00 O'CLOCK P M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.02

and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of
Drilled
Hole

Size and
Weight
of Casing

From
(Feet)

To
(Feet)

6"

6"

1

50

Kind

Size

From
(Feet)

To
(Feet)

PERFORATIONS

Poor Grade

File No.

T. 8N R. 25E

DUPLICATE

RECEIVED

County Musselshell

LOG

APR 26 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

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

DEVELOPED AFTER JANUARY 1, 1962

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

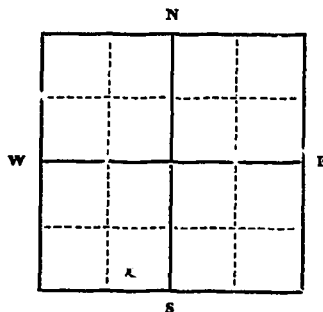
Owner JAMES & ELSIE LYNCH Address Camp 20-3 RoundupDriller unknown Address.....

Date of Notice of appropriation of groundwater.....

Date well started 1916 Date completed 1916Type of well Drilled Equipment used unknown
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" casing	TOP OF	94'			
		Ground				

Doc. No. 182004
Filed for record
this 23rd day of April
A. D. 19 71, at 8:50
o'clock A. M.SE 1/4 Sec. 14 T. 8 R. 25
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 44 feet.

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

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

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

How Tested.....

Length of Test.....

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

(Continue on reverse side)

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

2 acres LOT 6 - Block 2Woodward AdditionCamp 20-3 Roundup Mont

Show exact depth of bottom.

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

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

Driller's License Number.....

Driller's Signature.....

48393

182004

STATE OF MONTANA.
MUSSELSHELL COUNTY, V. { ss.
FILED THIS 23 DAY OF
April A. D. 1971
AT 8.50 O'CLOCK P.M.
CLAUDE F. FLETCHER
COUNTY RECORDER
James L. Dawson
2. 2 DEPUTY

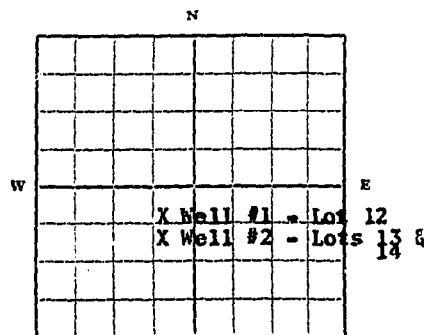
FILED
APR 23 1971
MUSSELSHELL COUNTY
MONTANA

File No.

DUPLICATE

T. 8^N R. 25^E S. 14
County. MusselshellSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERDeclaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)RECEIVED
DEC 10 1963
STATE ENGINEER

1. Mae Sterner of Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lots located in Block 7
Woodard Addition
SW 1/4 Sec. 14 T. 8. R. 25.

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

2. The beneficial use on which the claim is based Household use, garden and lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 2 wells
Well #1, 1926,
Well #2, 1937, continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute, each well
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lots 12, 13 & 14 in Block 7, Woodard Addition, to the City of Roundup, Montana.
Mae Sterner, owner.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump for both wells
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well #1 - 1926
Well #2 - 1937
8. The depth of water table 60 feet for each well
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 Both wells are 100 feet deep and cased.
Water is withdrawn from both wells through pipes by means of a pump.
10. The estimated amount of groundwater withdrawn each year 50,000 gallons each well.
11. The log of formations encountered in the drilling of each well if available not available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Mae Mae SternerDate December 6, 1963.

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

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

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

8396

169079

STATE OF MONTANA,
MUSSELSHELL COUNTY, } &

FILED THIS 9 DAY OF

Dec A. D. 1963
AT 10:49 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Clair J. Loomer
DEPUTY

2nd

File No.

DUPLICATE

T. 8N R. 25E

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

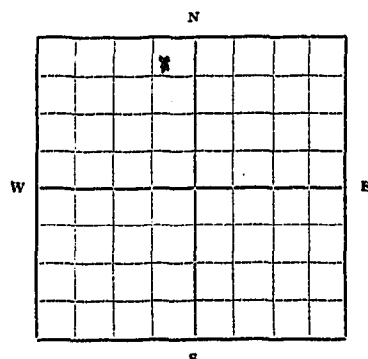
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles Tomlin of Box 623 Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Ne. 1/4 Sec. 24 T. 8 R. 25

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

2. The beneficial use on which the claim is based Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Early 1900's. Daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) All the well will produce in 24 hours a day 365 days a year.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump with windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Present well in 1948
8. The depth of water table twenty 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 6 inches in diameter about 100 feet deep
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Charles Tomlin

Date Dec. 26, 1963

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

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

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

13569

169348

STATE OF MONTANA, {ss.
MUSSELSHELL COUNTY, {

FILED THIS 26 DAY OF

Dec A. D. 1963

AT 8:55 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.02

Doc. No. 182604
Filed for record
this 3 day of Sept
File No. 71, at 2:00
A. D. 19 71, at 2:00
DUPLICATE o'clock 2 MONTANA WATER RESOURCES BOARD
RECEIVED

Approved Stock Form—State Publishing Co., Helena, Montana—45642

T8N R25E

County Musselshell

LOG

SEP 7 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Cecil W. Chabot Address Roundup Mont

Driller Gordon Scammon Address Roundup Mont

Date of Notice of appropriation of groundwater.....

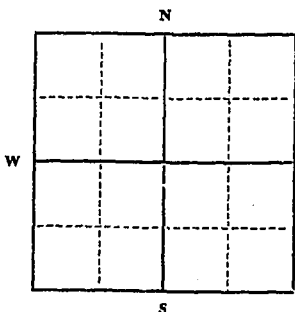
Date well started June 1952 Date completed June 1952

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	20 gauge	0	95	perforated opposite		
				water sand.		



Static Water Level for non-flowing well 30 feet.

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

Pumping Water Level 105 feet
at 6 gal. per minute.

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

How Tested bailer + pump

Length of Test 3 hrs.

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

Section T8N R25E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

No. 177
Driller's License Number
Gordon Scammon
Driller's Signature.

49005

182604

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY.

FILED THIS 3rd DAY OF

September A. D. 1921

AT 2:00 O'CLOCK P M.

CLAUDE F. FLETCHER
COUNTY RECORDER

Claude F. Fletcher
3rd DEPUTY

Doc. No. 182604
Filed for record
File No. 182604

A.D. 1971, at 2:00
DUPLICATE o'clock
MONTANA WATER RESOURCES BOARD

RECEIVED

LOG

SEP 7 1971

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Cecil D. Chalk Address Roundup Mont

Driller Gordon Scammon Address Roundup Mont

Date of Notice of appropriation of groundwater

Date well started June 1952 Date completed June 1952

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

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

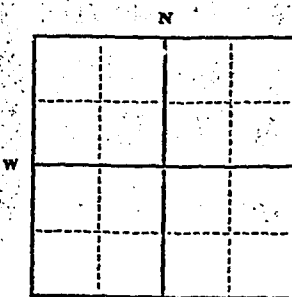
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground
(Elev. above sea level)
old well
drilled before
1952
small amt of
water
light grey shale
grey sandstone
water bearing
T.D. 145 ft

MONTANA WATER RESOURCES BOARD
RECEIVED

OCT 1 1971

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	20 gauge	0	95	perforated opposite		
				water sand.		



Static Water Level for non-flowing well
30 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 105 feet

at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailer + pump

Length of Test 3 hrs.

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

5 1/2 { SW 1/4 Sec. 14 T. 8 N. R. 25
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

T. 8 N . . . R. 25 E . . .
County: I. V. E. D . . .
JAN 3 1964

ENGINEER

Wentworth
Chilton
Pick 1- Feb 28

-4....Sec.....T.....R 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~~.....
- Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
.....*Jet*.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water.....*Just drilled 1915*.....
.....*drilled 15 ft. in 1930*.....
8. The depth of water table*70 ft*.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwal of groundwater.....
.....
.....
10. The estimated amount of groundwater withdrawn each year.....*160,000 gallons*.....
11. The log of formations encountered in the drilling of each well if available.....
.....*12 ft. dirt - 1 ft. solid sand rock*.....
.....
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 count record.....
.....

Signature of Owner James Lynch
Date

169816

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 31 DAY OF
dec A. D. 19 63

AT 6:33 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

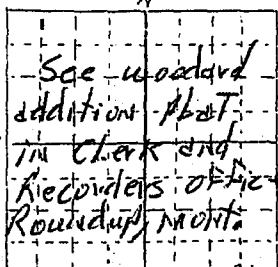
Frances L. Dawson
2 ss

T. 8 N E NLP
R. 25
County: Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

DECLARATION OF VESTED GROUNDWATER RIGHTS JAN 3 1964
(Under Chapter 237, Montana Session Laws, 1961)

1. Annie Polich, of Box 262, Roundup
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Well on Lot 11 - Block 7
Woodard addition

2. The beneficial use on which the claim is based.....
household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1916
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
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 ground water
1915
8. The depth of water table
25 Feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
well 50 Feet deep - 6 inch casing
10. The estimated amount of groundwater withdrawn each year.....
150,000 gallons
11. The log of formations encountered in the drilling of each well if available.....
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....
None

Signature of Owner Annie Polich

Date December 31, 1963