

GW-2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No. 1236T. 75 R. 20E

DUPLICATE

County Carbon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level)

## Notice of Completion of Groundwater

## Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

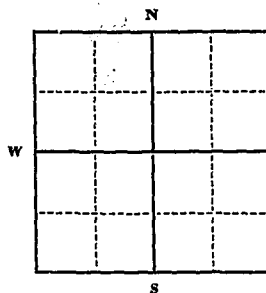
Owner Patrick J. McDonagh Box 327  
Billings, Mont  
Driller B & H Drilling Address Fish Lake, Mont.

Date of Notice of appropriation of groundwater

Date well started 1/3/69 Date completed 1/7/69Type of well Drilled Equipment used Churn drill  
(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 inch	6 5/8 18.97	2+	26			
	4 1/2 Plastic	7-	80	3/16	75	82



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

Shut-in Pressure for Flowing Well 2 lbsPumping Water Level 80 feetat 6 gal. per minute.

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

How Tested BailerLength of Test 2 hrs

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff)

1/4 Sec. T. 75 R. 20E  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.  
Pressure  
Well 7 ft. from about 1 quart per min at 2 lbs

(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.

87 ft.

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

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

No 27  
Driller's License NumberRed L. Usugay  
Driller's Signature.44, 958

174384

STATE OF MONTANA,  
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 28 day  
of Jan. A. D. 19 69  
at 11:25 o'clock A.M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

By James Z. Zupen Deputy

Page 2 of 2

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1992

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[illegible]

1990

100-443886-100

out history of regional economic development.

2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 2222 2223 2224 2225 2226 2227 2228 2229 2230 2231 2232 2233 2234 2235 2236 2237 2238 2239 2240 2241 2242 2243 2244 2245 2246 2247 2248 2249 2250 2251 2252 2253 2254 2255 2256 2257 2258 2259 2260 2261 2262 2263 2264 2265 2266 2267 2268 2269 2270 2271 2272 2273 2274 2275 2276 2277 2278 2279 2280 2281 2282 2283 2284 2285 2286 2287 2288 2289 2290 2291 2292 2293 2294 2295 2296 2297 2298 2299 2300 2301 2302 2303 2304 2305 2306 2307 2308 2309 2310 2311 2312 2313 2314 2315 2316 2317 2318 2319 2320 2321 2322 2323 2324 2325 2326 2327 2328 2329 2330 2331 2332 2333 2334 2335 2336 2337 2338 2339 2340 2341 2342 2343 2344 2345 2346 2347 2348 2349 2350 2351 2352 2353 2354 2355 2356 2357 2358 2359 2360 2361 2362 2363 2364 2365 2366 2367 2368 2369 2370 2371 2372 2373 2374 2375 2376 2377 2378 2379 2380 2381 2382 2383 2384 2385 2386 2387 2388 2389 2390 2391 2392 2393 2394 2395 2396 2397 2398 2399 2400 2401 2402 2403 2404 2405 2406 2407 2408 2409 2410 2411 2412 2413 2414 2415 2416 2417 2418 2419 2420 2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 2657 2658 2659 2660 2661 2662 2663 2664 2665 2666 2667 2668 2669 2670 2671 2672 2673 2674 2675 2676 2677 2678 2679 2680 2681 2682 2683 2684 2685 2686 2687 2688 2689 2690 2691 2692 2693 2694 2695 2696 2697 2698 2699 2700 2701 2702 2703 2704 2705 2706 2707 2708 2709 2710 2711 2712 2713 2714 2715 2716 2717 2718 2719 2720 2721 2722 2723 2724 2725 2726 2727 2728 2729 2730 2731 2732 2733 2734 2735 2736 2737 2738 2739 2740 2741 2742 2743 2744 2745 2746 2747 2748 2749 2750 2751 2752 2753 2754 2755 2756 2757 2758 2759 2760 2761 2762 2763 2764 2765 2766 2767 2768 2769 2770 2771 2772 2773 2774 2775 2776 2777 2778 2779 2780 2781 2782 2783 2784 2785 2786 2787 2788 2789 2790 2791 2792 2793 2794 2795 2796 2797 2798 2799 2800 2801 2802 2803 2804 2805 2806 2807 2808 2809 2810 2811 2812 2813 2814 2815 2816 2817 2818

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17

52

100

1

15

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The next step is to collect data. This is done by the investigator who is responsible for the study. The next step is to analyze the data. This is done by the investigator who is responsible for the study. The next step is to interpret the results. This is done by the investigator who is responsible for the study. The next step is to write the report. This is done by the investigator who is responsible for the study. The next step is to present the results. This is done by the investigator who is responsible for the study. The next step is to discuss the results. This is done by the investigator who is responsible for the study. The next step is to conclude the study. This is done by the investigator who is responsible for the study.

100

100

*(continued)*

100

[illegible][illegible]

**CONCLUSIONS**

[illegible]

100

...the ...

[illegible]

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100

10

*Journal of Interpersonal Violence* 26(1) 10-27  
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File No. 63  
DUPLICATE

T. 7 S R. 20 E  
County Carbon

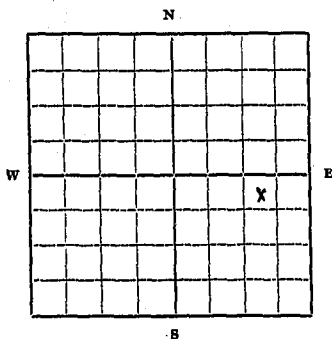
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 24 1963

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

STATE ENGINEER

Mrs. Pearl D. Duke of Rte. #1 Roberts  
(Name of Appropriator) (Address) (Town)  
County of Carbon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SE 4 Sec. 2 T. 7 R. 20

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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 18, 1961  
used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 45 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

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 Aug. 18, 1961 began  
Aug. 18, 1961 Completed

8. The depth of water table 19 ft. from top of ground

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 32 foot well  
33 ft. of 6 inch (21 lb.) steel casing

10. The estimated amount of groundwater withdrawn each year 265,000 gal. per year

11. The log of formations encountered in the drilling of each well if available  
0 to 3 ft. - top soil  
3 to 25 ft. - granite gravel & boulders  
25 to 32 ft. - granite sand with small gravel

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 Mrs. Pearl D. Duke

Date March 12, 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 Quaduplicate for the Appropriator.

#63

156649

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water Approp. was filed  
for record in my office this 22<sup>nd</sup> day  
of March A. D. 19 63  
at 9:45 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Tommy B. Zupan Deputy

Rec'd \$ 2.00 pd.

File No. 540T. 7 R. 20

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

120000  
MONTANA WATER RESOURCES BOARD  
JAN 26 1968

Date of Appropriation of Groundwater 1896Owner John Cornelio Address Red LodgeContractor (if any) none

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

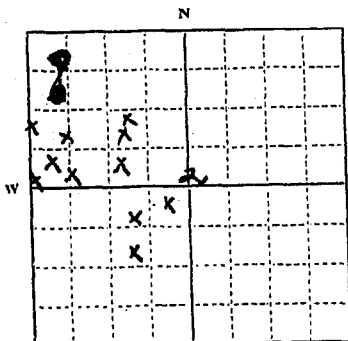
estimate approximate lengths of periods of use Continuousall springs and seeps in the south 1/2 NW 1/4 and NE 1/4 SW 1/4 section 2-7-20no measurements takenSignature of Owner John CornelioDate 12-30-63 <sup>4</sup> Rita Moore

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

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

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

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



S 1/2 NW 1/4 2-7-20  
NE 1/4 SW 1/4 Sec. 2, T. 7, R. 20

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

#540

159230

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water Right was filed  
for record in my office this 30 day  
of Dec. A. D. 1968  
at 11:57 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Aline E. Krueger Deputy

Fees \$ 2.00

Handwritten notes and stamps on the right side of the document, including a large "X" mark and vertical text.

File No. 541T. 7 R. 20

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

JAN 26 1963

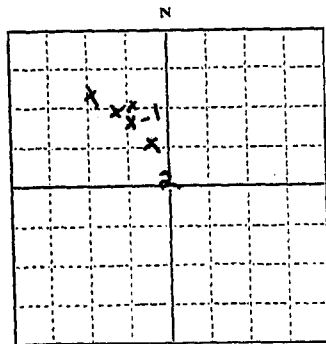
Date of Appropriation of Groundwater 1896Owner Lucia Cornelio Address \_\_\_\_\_Contractor (if any) noneAddress of Contractor noneDate Started 1 Date Completed —

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

#1 Piped to tank and house3 other springs natural flow.also all springs and seeps inN 1/2 NW 1/4 Sec 2 T. 7 R. 20.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

Continuous since homestead days#1 - 1000 per dayBalance of springs + seeps notmeasured.Signature of Owner Lucia CornelioDate 12-30-63 by Rita Moon

N 1/2 NW 1/4 Sec 2 T. 7 R. 20

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

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

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

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

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

42,971

154/

159231

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water Right was filed  
for record in my office this 20 day  
of Dec. A. D. 1963  
at 12:00 o'clock A.-M.

Attest my hand and the seal of  
said County

FRANK DANICHEL, COUNTY CLERK  
By Oliver E. Graves Deputy

Fees \$ 2.00

154/ 159231  
Water Right  
filed in my office  
on Dec 20 1963  
at 12:00 o'clock  
A.M.  
Oliver E. Graves  
Deputy Clerk



GW 3  
File No. 932

MONTANA WATER RESOURCES BOARD

RECEIVED

T 75 R 20E  
County of \_\_\_\_\_

JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

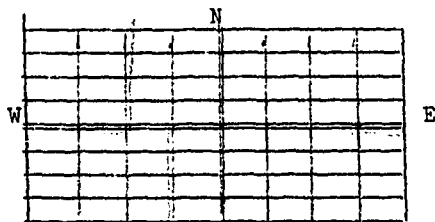
Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater \_\_\_\_\_

Owner Peter N & Irma E. Klissen Address 24 So. Cross Red Lodge, Mont.  
Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_



W 1/4 SW 1/4 SE 1/4 SW 1/4 Sec. 2 T 7 R 20

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

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

Quantity of water developed and used with explana-  
tion of method used to measure or estimate such  
amount. If use is intermittent estimate approxi-  
mate lengths of periods of use

Signature of Owner Peter N Klissen

Date 12-3-67

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say  
that he of lawful age and the appropriator and claimant  
of the order and water right mentioned in the foregoing notice of completion of groundwater  
appropriation without 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.

Peter N Klissen

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_\_

Notary Public for the State of Montana

Residing at \_\_\_\_\_

My Commission expires \_\_\_\_\_ 19 \_\_\_\_\_

43,319

#932

159640

STATE OF MONTANA  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the will  
water filing was fil.  
record in my office this 31 da.  
of Dec. A. D. 1963  
at 9:06 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Olive E. Weaver Deputy  
Clerk and Recorder  
Fees \$ 2.00 Pd

RECEIVED

County CARSON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JAN 11 1973

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 Arthur Luoma

Address Red Lodge, Mont.

Date well started 11/21/72

completed 11/24/72

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

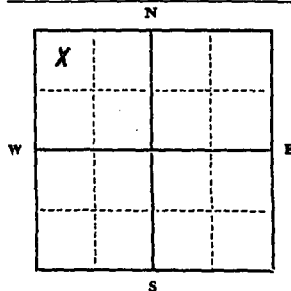
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

\*Describe Well is for trailer house.

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 175000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8 18.97#	18 1/4	46	None		



Static water level 16 ft.\*  
Pumping water level 30 ft.\*  
at 40 gallons per minute,  
measured 30 minutes after pumping  
began.

\*Measured from ground level.

Well developed by Bailer

for 2 hours.

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

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

NW 1/4 NW 1/4 Sec. 3

T. 7.5 N R. 20.5 E  
S W

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

Driller's Signature

Red L. Haugen

Driller's Address Box 32, Fishtail, Mont.

LICENSE NO. 27

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	3	Top Soil
3	18	Big Boulders & Gravel
18	46	Sand & Gravel (Water)
46	48	Brown Clay
		Pulled casing back to 46 ft.

46 ft. Show exact depth of bottom

52,189

#1377 187216

County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
in my office this 9 day  
of June A. D. 1973  
at 11:38 o'clock A.M.

Attest my hand and the seal of  
said County  
Frank Brudick  
Clerk and Recorder

by \_\_\_\_\_ Deputy  
Per 200

File No. 693

RECEIVED

T. 7 R. 20 - 3

DUPLICATE

JAN 26 1968

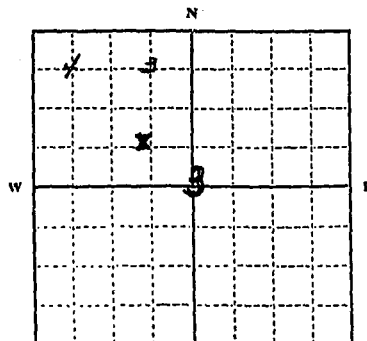
County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur Luoma of Rte 2 Red Lodge  
(Name of Appropriator) (Address) (Town)  
County of Carbon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4

Sec. 3 T. 7 R. 20

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 livestock, irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1910  
been used continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.00 gals 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 about 2 acres for yard & surrounding area
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 groundwater 1910
8. The depth of water table 10 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 4 1/2 ft in depth, 12 casing
10. The estimated amount of groundwater withdrawn each year 43,800 g
11. The log of formations encountered in the drilling of each well if available do not know
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

Arthur Luoma  
12/31/63

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.

43,400

#693

159385

STATE OF MONTANA  
COUNTY OF CARBON ) SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 19 63  
at 10:05 o'clock A. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

By Alice E. Granger Deputy  
Clerk and Recorder

Fees \$ 2.00

Form 3

Approved Stock Form—State Publishing Co., Helena, Montana—42762

File No.

694

T. 7 S. R. 20 E.

DUPLICATE

County CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

ONE DAY WITHIN THE JUDICIAL BOARD  
**RECEIVED**  
JAN 26 1968

Date of Appropriation of Groundwater 1901

Owner Arthur Luma Address Red Lodge

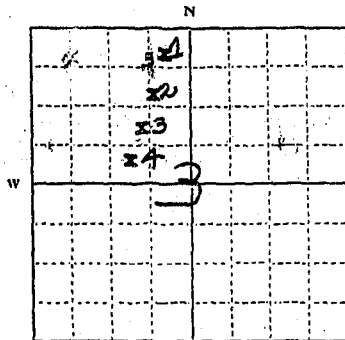
Contractor (if any) None

Address of Contractor None

Date Started 1901 Date Completed 1901

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

Natural Springs



E2  
NW 1/4

Lot 3,

Sec. 3 T. 7 R. 20

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use Continuously use.

- #1 NENW 3 7-20, 25 min in per day, for stock.
- #2 NENW 3 7-20, 25 " " " " for stock.
- #3 SENW 3 7-20, 25 " " " " for stock.
- #4 SENW 3 7-20, 25 min in per day, for stock.

Signature of Owner Arthur Luma

Date 12/31/63

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

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

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

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

43, 401

#694

159386

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 19 63  
at 10:10 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

By Alice E. Weaver Clerk and Recorder  
Deputy

Fees \$ 2.00



File No. 862

T 7 South R 20 East

County Carbon

JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. JOHN E. POWERS, of Red Lodge County of Carbon  
State of Montana have appropriated groundwater according to the Montana laws in  
effect prior to January 1, 1962, as follows:

	N	
W		E
	S	

NE 1/4 Sec. 7 T. 7S R. 20E

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  
1888.

4. The amount of groundwater claimed (in miner's  
inches or gallons per minute)  
1/2 miner's inches.

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 applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or  
other works for withdrawal of groundwater  
Not applicable.

8. The depth of water table  
5 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  
Not applicable.

10. The estimated amount of groundwater withdrawn each year 1/2 miner's inches average  
continuous flow.

11. The log of formations encountered in the drilling of each well if available  
Not applicable.

12. Such other information of a similar nature as may be useful in carrying out the policy  
of this act, including reference to book and page of any county record  
Not applicable.

Date December 31, 1963.

Signature of Owner

STATE OF MONTANA, ) County of Carbon) ss.

JOHN E. POWERS, Having first been duly sworn, depose s and say es that  
he is of lawful age and is the appropriator and claimant is 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 know s the contents of said foregoing notice and that the  
matters and things therein stated are true.

Subscribed and sworn to before me, this 21st day of December, 19 63.

Notary Public for the State of Montana.  
Residing at Red Lodge, Montana.  
My Commission expires Jan 22nd 1966

43,550

#862

159570

STATE OF MONTANA,  
COUNTY OF CARBON } SS.

Clerk of the County Clerk & Recorder.

I hereby certify that the within

appropriation was filed  
for record in my office this 31 day

of Dec A. D. 19 63  
at 6:46 o'clock P M.

Attest my hand and the seal of

said County  
FRANK DANICHEK, COUNTY CLERK

Alvin E. Givens  
Clerk and Recorder

Fee \$ 2.00

JAN 26 1958 STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

My Commission expires Dec 31st 1976

43, 549

#861

159569

COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1963  
at 6:44 o'clock P.M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Alice E. Givner Clerk and Recorder  
Deputy

Fees \$ 2.00

File No.

T 7 South R 20 East

County	<b>Carbon</b>
--------	---------------

JAN 26 1958 STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. JOHN E. POWERS, of Red Lodge County of Carbon  
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  
Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1888.

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

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 applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable.

8. The depth of water table 5 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 \_\_\_\_\_  
Not applicable.

10. The estimated amount of groundwater withdrawn each year 4 miner's inches average continuous flow.

11. The log of formations encountered in the drilling of each well if available  
Not applicable.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record \_\_\_\_\_  
Not applicable.

Date December 31, 1963.

Signature of Owner

STATE OF MONTANA, ) County of Carbon) ss.

JOHN L. POHLMAN, 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 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, 19 63.

Notary Public for the State of Montana.  
Residing at Red Lodge, Montana.  
My Commission expires Jan 22nd

43,548

#860

159568

STATE OF MONTANA  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the with

Appropriation was fil.  
ed record in my office this 31 th

of Dec A. D. 1963  
at 6:42 o'clock P. M.

Attest my hand and the seal.

Said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder.

By Alvin E. Graves Deputy

Fees \$ 2.00

GN 3  
File No.

738

RECEIVED

JAN 26 1958

T 7  
County of

R 20  
Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30<sup>th</sup> 1963

Owner Joseph and Rose Green

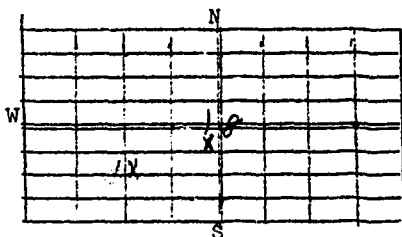
Address Red Lodge

Contractor (if any) none

Address of Contractor none

Date Started Natural Springs

Date Completed ✓



NE 1/4 S.W. Sec. 8 T. 7 R. 20  
Indicate point of appropriation and  
place of use, if possible.

Describe means of obtaining groundwater without  
a well "as by sub-irrigation and other natural  
processes". Include depth to water when applicable  
Natural flowing springs not used at the  
present time. Water goes into a small stream through  
the ranch. One spring was used for watering  
stock in the first year.

Quantity of water developed and used with explana-  
tion of method used to measure or estimate such  
amount. If use is intermittent estimate approxi-  
mate lengths of periods of use Quantity of water  
undetermined. The springs are on the  
natural state no attempt has been made  
to determine the flow of water.

Signature of Owner Joseph and Rose Green

Date Dec. 30<sup>th</sup> 1963

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say  
that he of lawful age and the the appropriator and claimant  
of the order and water right mentioned in the foregoing notice of completion of groundwater  
appropriation without 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.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_

43152

GW 3  
File No.

738

RECEIVED

JAN 26 1968

T 7  
County of

R 20  
Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

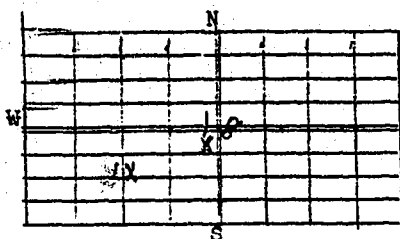
Date of Appropriation of Groundwater Dec. 31<sup>st</sup> 1963

Owner Joseph L. & Rose Green Address Red Lodge

Contractor (if any) None

Address of Contractor None

Date Started Natural Springs Date Completed ✓



NE 1/4 Sec. 8 T 7 R 20  
Indicate point of appropriation and  
place of use, if possible.

Describe means of obtaining groundwater without  
a well "as by sub-irrigation and other natural  
processes". Include depth to water when applicable  
Natural flowing springs not used at the  
present time. Water goes into a small stream through  
the ground. One spring was used for watering  
stock in the past years.

Quantity of water developed and used with explana-  
tion of method used to measure or estimate such  
amount. If use is intermittent estimate approxi-  
mate lengths of periods of use quantity of water  
undetermined. The springs are natural  
and no attempt has been made  
to determine the flow of water.

Signature of Owner Joseph L. & Rose Green

Date Dec. 31<sup>st</sup> 1963

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say  
that he of lawful age and the the appropriator and claimant  
of the order and water right mentioned in the foregoing notice of completion of groundwater  
appropriation without 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.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_

43152



#738

159441

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1963  
at 1:52 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder  
By Oliver E. Lunn Deputy

Fees \$ 2.00

GW 2

File No.

DUPLICATE

LOG

Top of Ground

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

0-6 topsoil

6-15 clay &amp; gravel

15-49 boulders &amp; gravel

49-67 sand &amp; gravel

RECEIVED  
AUG 21 1972MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

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

T 7S R 20E

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

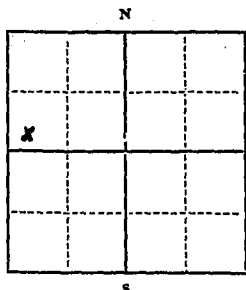
Owner Donald Waples Address Red Lodge, MontanaDriller B & H Drilling Address Fishtail, Montana

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

Date well started 7-17-72 Date completed 7-23-72Type of well drilled Equipment used churn drill  
(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 5/8 18.97	+24"	67'	none		

Doc. No. #1363, 185556  
Filed for record  
this 18<sup>th</sup> day of August  
A. D. 19 72, at 2:18 W  
O'clock P. M.Static Water Level for non-flowing well  
38 feet.

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

Pumping Water Level 50 feet  
at 12 gal. per minute.

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

How Tested battedLength of Test 3 hrs.Remarks: (Gravel packing, cementing, pack-  
ers, type of shutoff).....SW 1/4 NW Sec. 9 T 7S R 20E  
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 Addi-  
tion).

67'

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. 27

Driller's License Number

Red L. Haugen  
Driller's Signature.

5/191

#1363 185556

STATE OF MINN. 1855  
COUNTY OF CARVER } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 18 day  
of Aug A.D. 1972  
at 2:10 o'clock P.M.

Attest my hand and the seal of  
said County

Frank Brueck  
Clerk and Recorder

by \_\_\_\_\_ Deputy

Fees \$ 2.00

GW 3  
File No. 804

RECEIVED

JAN 26 1968

T 75 R 20 E - 10  
County of Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

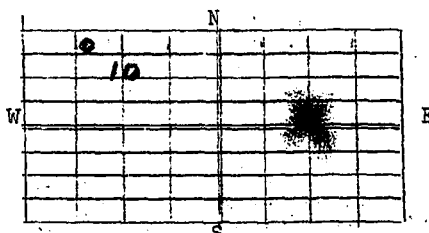
Date of Appropriation of Groundwater \_\_\_\_\_

Owner \_\_\_\_\_ Address \_\_\_\_\_

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.  
Hand dug well, 20 ft depth  
average 15 ft level

NE 1/4 NW Sec. 10 T 75 R 20 E  
Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.  
Household and livestock  
constant use.

Signature of Owner Saima Santha by Torio Santha  
Date Dec 31-1966

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without 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.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_

43,397

#804

159512

CITY OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed  
for record in my office this 31 day

of Dec A. D. 1963

at 4:50 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Alvin E. Gravelle Deputy

on \$ 2.00

T 75 R P20 E 10

County Sevier

CONFIDENTIAL - SECURITY INFORMATION

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1968

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

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

				2	
N				10	

2. The beneficial use on which the claim is based

Livestock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918

constant use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 per min

NE  $\frac{1}{4}$  NW  $\frac{1}{4}$  Sec. 10 T. 75 R. 20 E 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gpm 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 *possible 32 acres*

Leaseable land.  
Lima, Santa owner

(4) The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *opposite floor of apartment*

pumping intended

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1918

8. The depth of water table: natural flow

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

natural spring

10. The estimated amount of groundwater withdrawn each year 77,868,000. gal

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

natural spring

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

Date Dec 31-1963

Signature of Owner

Sarina Laitta

STATE OF MONTANA, ) County of Carbon) ss.

by Tove Lantta

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights 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.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana.

Residing at

My Commission expires

43,398

#805

159513

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
and recorded in my office this 31 day  
of Dec A. D. 1963  
at 4:52 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Oliver E. Graves Clerk and Recorder  
Deputy

Fees \$ 2.00

File No. 573T. 7 R. 20 N.

DUPLICATE

County CARBON

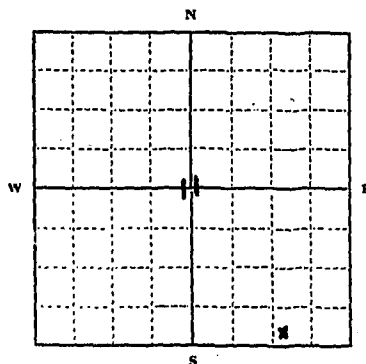
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1968

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Rabst  
St. Michael Kane, of Reberts Rt 1  
(Name of Appropriator) (Address) (Town)  
County of CARBON State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE Sec. 11 T. 7 R. 20

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  
domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1960 - CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
5 gal./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  
No IRRIGATION
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 groundwater  
1960
8. The depth of water table  
32 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  
57 feet deep  
6" 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  
Rock - gravel
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

Michael KaneDate 12/30/63

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.

43,567



#513

159200

STATE OF MONTANA,  
COUNTY OF CARBON } ss.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 30 day  
of Dec. A. D. 19 63  
at 9:52 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Jerry J. Zupen Deputy  
200 pd.

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. 512

T. 7 R. 20

DUPLICATE

County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

122100

RECORDED

JAN 26 1968

Date of Appropriation of Groundwater 1900 Rt. 1

Owner Paul Probst  
Michael Kane Address Roberts, Mont.

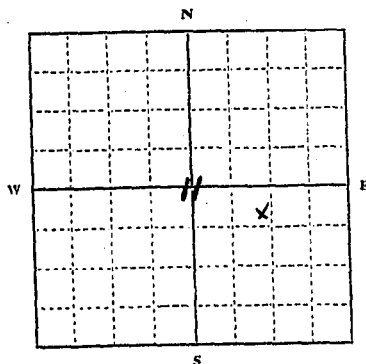
Contractor (if any) None

Address of Contractor None

Date Started 1900 Date Completed 1900

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

free flowing



NW 1/4 SE Sec. 11 T. 7 R. 20

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

10 gal/min. -

used 5 mos out of the year

Signature of Owner Michael Kane

Date 12/30/63

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

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

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

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

43,580

#512

159199

STATE OF ILLINOIS,  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 30 day  
of Dec. A. D. 1963  
at 9:50 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Joseph J. Zupan Deputy  
For Joseph J. Zupan

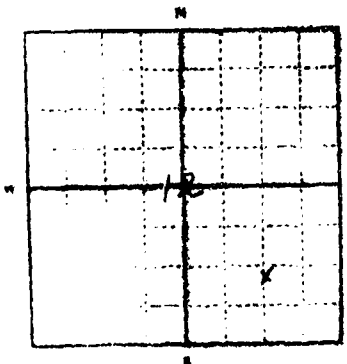
File No. 681T. 7 R. 20

DUPLICATE

County CARBONRECEIVED  
JAN 26 1968STATE OF MONTANA  
ADMINISTRATOR OF UNDERWATER CODE  
DIVISION OF MINES AND GEOLOGY

## Declaration of Water Rights

John D. + Alta Kelly (Name of Applicant)  
County of CARBON State of Montana  
have appropriated groundwater for domestic use in the following manner:



SEE SEC. 12, T. 7, R. 20

Indicate point of appropriation  
and place of use, if possible. Each  
small square represents 36 acres.

1. The location of the well is near the house
2. The point of appropriation is near the house
3. The point of use is near the house
4. The quantity of water to be withdrawn is 200-250 gal/min
5. The purpose of the appropriation is domestic use
6. The water is to be used for domestic use
7. The date of appropriation and completion of the construction of the well, and the date of withdrawal of groundwater is 1960
8. The depth of water table is 10 feet
9. So far as it may be available, the type, size and depth of each well, and the general specifications of any other works for the withdrawal of groundwater is 4 1/2 feet deep  
2 1/2 inch pipe
10. The estimated amount of groundwater withdrawn each year is 300,000 gal/yr
11. The log of formations encountered in the drilling of each well if available is Not Available
12. Such other information of a similar nature as may be useful in connection with the purpose of this act, including reference to book and page of any existing record is None

Signature of Owner

Date 12/31/63

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

43,346

File No.

681

T. 7 R. 20

12

DUPLICATE

County CARBON

RECEIVED

JAN 26 1968

STATE OF MONTANA  
DEPARTMENT OF MINES AND GEOLOGY  
BUREAU OF MINES

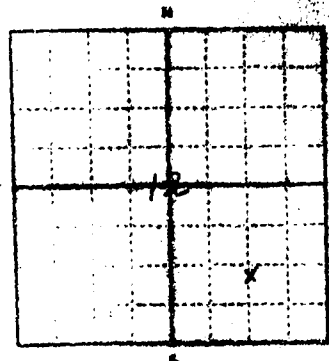
JOHN D. + ALTA KELLY

(Name of Person)

County of

CARBON

have appropriated groundwater for the purpose of



SE 1/4 Sec. 12 T. 7 R. 20

Indicate point of appropriation  
and place of use of groundwater.  
Small square represents 1/4 section.

7. The type of appropriation and completion of the construction of the well, and the amount of water drawn of groundwater. 1900
8. The depth of water table. 10 feet
9. So far as it may be available, the type, size and depth of well, and the amount of water drawn for the withdrawal of groundwater. 45 feet deep  
2 1/2" pipe.
10. The estimated amount of groundwater withdrawn each year. 300,000 gal/yr.
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 needed in connection with the use of the water, including reference to book and page of any existing records. None

Signature of Owner

Date

12/31/63

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.

43,346

#681

159373

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 19 63  
at 9:00 o'clock A. M.

Attest my hand and the seal of  
said County FRANK DANICHEK, COUNTY CLERK

Alvin E. Graves Deputy  
Clerk and Recorder

Fees \$ 2.00

GW

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

File No.

680

T. 7

R. 20

12

ORIGINAL

Duplicate

County

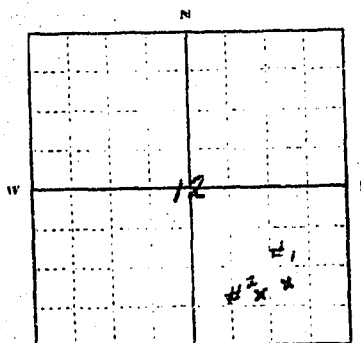
Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED  
JAN 26 1968



SE SE  
SW 1/4 SE. Sec. 12. T. 7. R. 20

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

Date of Appropriation of Groundwater

1895

Owner

John D. Kelly

Address

Red Lodge

Contractor (if any)

None

Address of Contractor

None

Date Started

1895

Date Completed

1895

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

Free flowing

Quantity of water developed and used with explanation of method  
used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

25 gal./minute for each  
#1 - stock continuous use  
#2 - stock + irrigation continuous use

Signature of Owner

John D. Kelly

Date

12/31/63

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

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

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

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

43,345

#680

159372

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
for Appropriation was filed  
for record in my office this 31 day  
of Dec A. D. 1962  
at 8:55 o'clock A. M.

Attest my hand and the seal of  
of County FRANK DANICHEK, COUNTY CLERK

Alvin E. Graves Deputy  
Clerk and Recorder

Fees \$ 2.00



**CARBON**  
STILLWATER COUNTY  
STATE OF MONTANA

File No. 996

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Twp 7, Rge 20 E

**RECEIVED**

DECLARATION OF VESTED GROUNDWATER RIGHTS  
JAN 26 1968 (Under Chapter 237, Montana Session Laws, 1961)

1. Omar O. Huns, of Rt #1 R. beds,  
**CARBON**

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

	Sec. <u>13</u>	Sec.	Sec.	Sec.	Sec.	Sec.
	<u>x</u>					
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	<u>Domestic</u>					
3. Approx date of Use	<u>1910</u>					
How continuous?	<u>Continuous</u>					
4. Amount claimed in miner's inches or gallons per min.	<u>20 gal</u>					
5. Acres irrigated	<u>none</u>					
Description						
Name of Owner						
6. Location of Well	<u>SE-NW</u>					
Means of With-drawal	<u>Pressure Handpump</u>					
7. Date-Commencement	<u>1910</u>					
Date-Completion	<u>Pressure in 1960</u>					
8. Depth of water table	<u>5 ft</u>					
9. Type, size, depth or specifications of works	<u>Shut well 24' deep</u>					
10. Estimated amount withdrawn annually	<u>150,000</u>					
11. Log, if available	<u>none available</u>					
12. Other information						

Signature of owner Omar O. Huns

Date Jan 9, 1964

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

43,187

4996

159774

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 9 day  
of Jan A. D. 19 64  
at 11:35 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK  
Clerk and Recorder

By Long J. Zupda Deputy  
Recorder 200 pd.

**CARBON**  
STEELWATER COUNTY  
STATE OF MONTANA

13

File No. 995 ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Twp 7, Rge 20E

RECEIVED

DECLARATION OF VESTED GROUNDWATER RIGHTS  
JAN 26 1968 (Under Chapter 237, Montana Session Laws, 1961)

I, Orran O. Huns, of Rt #1 Roberts  
CARBON

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

	Sec. <u>13</u>	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	<u>stock water</u>					
3. Approx date of Use	<u>1892</u>					
How continuous?	<u>inter</u>					
4. Amount claimed in miner's inches or gallons per min.	<u>5 inches</u>					
5. Acres irrigated	<u>none</u>					
Description						
Name of Owner						
6. Location of <del>well</del> <u>SPRINGS</u>	<u>SWNW</u>					
Means of Withdrawal						
7. Date-Commencement	<u>1892</u>					
Date-Completion	<u>---</u>					
8. Depth of water table	<u>Free Flow</u>					
9. Type, size, depth or specifications of works	<u>---</u>					
10. Estimated amount withdrawn annually	<u>---</u>					
11. Log, if available	<u>none</u>					
12. Other information						

Signature of owner Orran O. Huns

Date Jan 9, 1964

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

43,185

#995

159773

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 9 day  
of Jan. A. D. 1964  
at 11:30 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK  
Clerk and Recorder

By James E. Zuppan Deputy  
Deputy S. 2001

File No. 207

DUPLICATE

T. 7S R. 20E

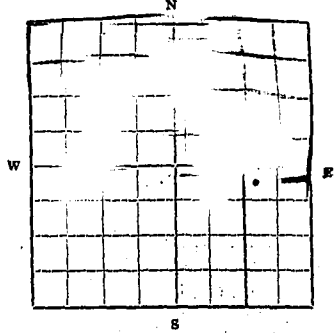
County Carbon

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

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

LLOYD R. SANQUIST of Bridger  
(Name of Appropriator) (Address) (Town)  
County of Carbon State of Montana  
have appropriate groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:



E 1/4 Sec 14 T. 7S. R. 20E  
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 Domestic use and for stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 15, 1944; continuous  
since July 15, 1944
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 Not appropriate
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 25 foot deep well with 6" cast iron casing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced July 1, 1944; completed July 15, 1944
8. The depth of water table 50 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 25 foot deep well with 6" cast iron casing
10. The estimated amount of groundwater withdrawn each year 18,000 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 county record Well penetrated surface gravel and boulders

Signature of Owner Lloyd R. Sanquist  
Date October 18, 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.

2/3751

#207

158247

STATE OF MONTANA.  
COUNTY OF CARBON SS.

Office of the County Clerk & Recorder

I hereby certify that the Water Approp. was filed  
for record in my office this 18<sup>TH</sup> day  
of October A. D. 19 63  
at 4:45 o'clock P. M.

Attest my hand and the seal of  
said County  
FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Joseph A. Zupan Deputy  
Fees \$ 2.00 pd.

Helena Independent Record  
File No. 62

DUPLICATE

T. 7S R. 20E  
County Carbon

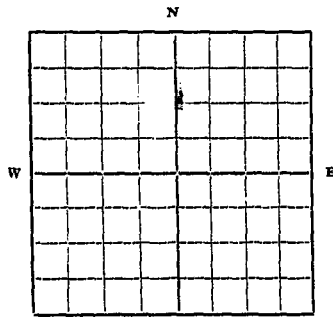
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
MAY 24 1963  
STATE ENGINEER

122001

Gale L. Schenk of Roberts  
(Name of Appropriator) (Address) (Town)  
County of Carbon State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW 1/4 Sec 14  
1/4 Sec. T7S R20E

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 Limited to water, domestic water, irrigation water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880 continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 110 acres flow and crop land. Gale L. Schenk owner
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity flow spring NE 1/4 SW 1/4 Sec 14
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring - not available
8. The depth of water table spring - not available
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 spring - approximately 3 ft deep
10. The estimated amount of groundwater withdrawn each year 10,512,000 gals.
11. The log of formations encountered in the drilling of each well if available spring - none
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 Gale L. Schenk  
Date March 11, 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.

# 62

156607

STATE OF MONTANA, }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Water Approp. was filed  
for record in my office this 18<sup>TH</sup> day  
of March A. D. 19 63  
at 1:55 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Sam J. Zupen Deputy

Fees \$ 2.00 pd.



File No. 380T. 57 R. 20 15

DUPLICATE

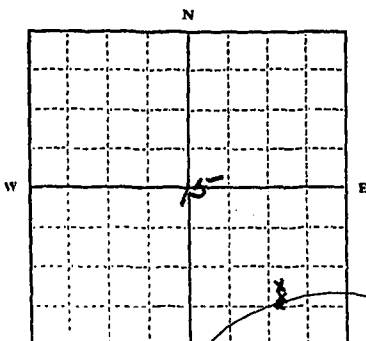
County Carbon

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 JAN 26 1968 OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Pgt + Matt Kungas, of Red Lodge  
 (Name of Appropriator) (Address) (Town)  
 County of CARBON State of MONTANA  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 15 T. 7 R. 20

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 domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gal/day
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 No Irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Seeps up through
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900 -
8. The depth of water table 20 feet
9. So far as it may be available, the type, size and depth of each Spring or the general specifications of any other works for the withdrawal of groundwater 30 feet
10. The estimated amount of groundwater withdrawn each year 150,000 gal/yr.
11. The log of formations encountered in the drilling of each well if available GRAVEL
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 Pgt + Matt KungasDate 12/23/63

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.

43,367

#380

159029

STATE OF MONTANA }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 23 day  
of December A. D. 1963  
at 1:45 o'clock P. M.

Attest my hand and the seal of  
said County

Frank Danilek

Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

File No. 418T. 7 R. 20 S. 15

DUPLICATE

County CARBON

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

MONTANA WATER RESOURCES CODE (Under Chapter 237 Montana Session Laws, 1961)  
RECEIVED  
JAN 26 1968

Date of Appropriation of Groundwater 1910Owner Jess T. Anne E. Turner Address Red LodgeContractor (if any) NoneAddress of Contractor NoneDate Started 1910 Date Completed 1910

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

free flowing

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

75 miner's inches / minute

continuous use

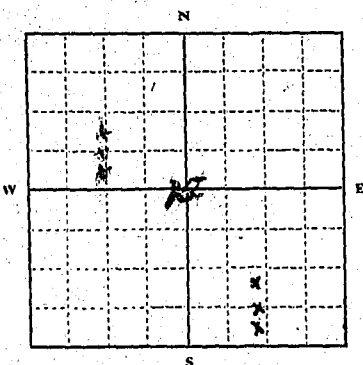
Signature of Owner Jess T. TurnerDate 12/24/63

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

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

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

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



SW 1/4 SE Sec. 15, T. 7, R. 20

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

# 418

159090

STATE OF MONTANA  
COUNTY OF CARBON ) ss.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 16 day  
of Dec. A. D. 19 63  
at 2:55 o'clock P. M.

Attest my hand and the seal of  
said County  
Frank D. Duvick  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2.00

GW 2

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

File No.

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 75 R. 20 E 16

DUPLICATE

OCT 29 1969

County Carbon

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDTop of Ground 0-2 TOP soil

(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)

2-33 Gravel & RocksOwner D. L. RoyalAddress Red Lodge, Mont.33-35 Brown clayDriller B. H. DrillingAddress Red Lodge, Mont.35-45 Grey shale

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

limestoneDate well started 9/11/69 Date completed 9/17/6945-60 Grey sandstoneType of well DrilledEquipment used Churn drill

(Dug, driven, bored or drilled)

(Churn drill, rotary or other)

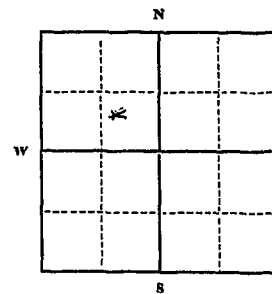
60-64 Grey shale

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 inch	65/8	1+	36 1/2			
	18.97					
	4 1/2	14-	64	3/16	48	60
	Plate			Half		

Static Water Level for non-flowing well 28 feet.

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

Pumping Water Level 48 feetat 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BarlogLength of Test 2 hrs.

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

SE 1/4 Sec. 16 T. 75 R. 20 E

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.

64 ft

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

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

Driller's License Number

Driller's Signature Red L. Hargen

45799

#1254

176615

STATE OF MICHIGAN  
COUNTY OF GARRISON SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 28 day  
of Oct A. D. 19 69  
at 2:30 o'clock P. M.

Attest my hand and the seal of  
said County Frank Danichik  
Clerk and Recorder

Fee \$ 2.00

2.00

2.00

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GW 2

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

File No. \_\_\_\_\_

MONTANA WATER RESOURCES BOARD

RECEIVED

T. 75 R. 20 E 16

DUPLICATE

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARDCounty CarbonTop of Ground 0-2 Top Soil

(Elev. above sea level: \_\_\_\_\_)

2-11 Clay + Gravel**Notice of Completion of Groundwater  
Appropriation by Means of Well**  
DEVELOPED AFTER JANUARY 1, 1962

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

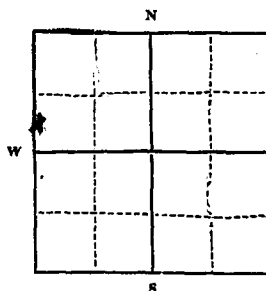
Owner Joe Papay Address Red Lodge, Mont.Driller B & H Drilling Address Fishtail, Mont.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started 9/10/69 Date completed 9/11/69Type of well Drilled Equipment used Churn drill  
(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)
<u>6 inch</u>	<u>6 5/8</u> <u>18.97</u>	<u>18 7/8</u>	<u>31 1/2</u>	<u>NONE</u>		

Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 20 feetat 20 gal. per minute.

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

How Tested BailerLength of Test 2 hrs.

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

5/11/1969 Dec. 16 T. 75 R. 20 E

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.

31 1/2 ft.

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

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

No 27  
Driller's License NumberRed L. Lkugary  
Driller's Signature.

45,787

#125' 176241

STATE OF MONTANA,  
COUNTY OF CARBON, SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed

in my office this 29 day

Sept A. D. 1969

at 1:50 o'clock P. M.

Attest my hand and the seal of

County

Frank Daniluk

Clerk and Recorder

Deputy

Fees \$ 2.00

ALTON HOVAT  
ADWATER CODE  
ADWATER

us of Well  
Groundwater

BY F 1083

of water-bearing  
state hereby  
ap ☐ litigation ☐  
radio, visual or other  
CIVIL  
11/1/69

11/1/69  
11/1/69  
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11/1/69

11/1/69



GW 2

File No. 1206

DUPLICATE

ONT. 1206  
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 JAN 26 1968

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

T 7 R 20

County Carbon

LOG

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, 1963

(Under Chapter 237, Montana Session Laws, 1961)

Owner Dr. Jim Nana Address Red Lodge, Mont  
 Driller B. H. Drilling Address 7 and Tenth, Mont

Date of Notice of appropriation of groundwater

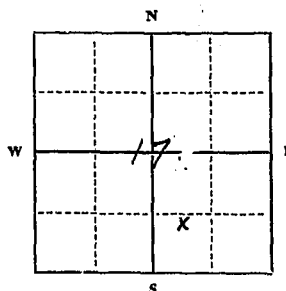
Date well started 8/24/67 Date completed 8/25/67

Type of well \_\_\_\_\_ Equipment used \_\_\_\_\_  
 (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 inch	6 5/8	14	19			
	18 1/2					
	4 1/2	6	46	3/16	23	33
	Plastic				38	41

Static Water Level for non-flowing well 7 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 24 feet at 11 gal. per minute.

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

How Tested BailerLength of Test 2 hrs

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

SW 1/4 Sec. 17, T. 7, R. 20  
 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.

46 ft.

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

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

Driller's License Number

Red Lodge, Mont  
 Driller's Signature

43,310

#1206

170641

STATE OF MONTANA }  
COUNTY OF CARBON } SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 27 day  
of Oct. A. D. 1967  
at 1:30 o'clock P. M.

In test my hand and seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Louie J. Zupan Deputy

Rec. & 206 pd.

GW

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

File No.

684

T.

7

R.

20

18

DUPLICATE

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JAN 26 1968

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

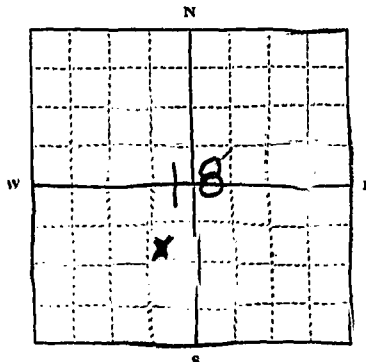
County

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ross & Joseph S. Green, of Red Lodge  
 (Name of Appropriator) (Address) (Town)

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



NE 1/4 SW Sec 18 T. 7 R. 2E

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  
and stock water

3. Date or approximate date of earliest beneficial use; and how long the use has been about 1900

4. The amount of groundwater claimed (in minims, inches or gallons per minute) about 5 gpm for 1 minute

5. If used in 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  
with water truck and  
well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1900

8. The depth of water table depth about 3 ft. elevation bottom about 14 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 water  dug by hand. well drilled  
depth 14 ft. approximately 3 ft. across bottom

10. The estimated amount of groundwater withdrawn each year about 30,000 gal per year.

11. The log of formations encountered in the drilling of each well if available not drilled

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 Ross and Joseph S. GreenDate Dec. 30, 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.

43154

GW

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File No.

684

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

T.

7

R.

20

18

County

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Ross & Joseph S. Hosen

(Name of Appropriator)

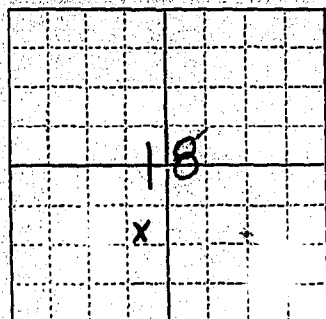
of Red Lodge

(Address)

(Town)

County of CarbonState of Montana

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



NE 1/4 SW Sec 18 T 7 R 20

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 and stock water3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 19004. The amount of groundwater claimed (in miner's inches or gallons per minute) about 5 gal per minute5. 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 irrigation6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal with water bucket and rope7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer of 19008. The depth of water table no small depth about 3 ft. irrigation season about 1 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 Dug by hand. Rock drilled.Depth of well about 14 ft. approximately 3 ft across bottom.10. The estimated amount of groundwater withdrawn each year about 30,000 gal per year.11. The log of formations encountered in the drilling of each well if available not drilled

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 Ross and Joseph S. HosenDate Dec. 20, 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.

43154