242-0-2

MONTANA WELL LOG REPORT

Well ID# _____

Form No. 860 R2-04

This log reports the activities of a licensed Montana well driller and serves as the official record of work done within the borehole and casing and describes the amount of water encountered. **This form is to be completed by the driller and filed with MBMG within 60 days of completion of the work.** Acquiring Water Rights is the well owner's responsibility and is not accomplished by the filing of this report.

Well log information is stored in the Groundwater Information Center at the Montana Bureau of Mines and Geology (Butte) and water right information is stored in the Water Rights Bureau records (Helena).

For fields that are not applicable, enter NA. Record additional information in the REMARKS section.

1. WELL OWNER:
Name: Rob ~~Kutton~~ Kutzman
Mailing address: 888 Blue Slide
Trout Creek

2. WELL LOCATION: List in from smallest to largest
___ ¼ ___ ¼ ___ ¼ ___ ¼ Section ___
Township ___ N/S Range ___ E/W County ___
Lot ___, Tract/Blk ___ Subdivision Name ___
Certificate of Survey ___
Well Address ___
GPS ☐ Yes ☐ No
Latitude ___ Longitude ___
Error as reported by GPS locator (± feet) ___
Horizontal datum ☐ NAD27 ☐ WGS84

3. PROPOSED USE: ✓ Domestic ☐ Stock ☐ Irrigation
☐ Public water supply ☐ Monitoring Well
☐ Geothermal ☐ Closed System ☐ Open System ☐ Reinjection
☐ Extraction H₂O Temp ___ Number of Wells in System ___
☐ Other ___

4. TYPE OF WORK:
✓ New well ☐ Deepen existing well ☐ Abandon existing well
Method: ☐ Cable ☐ Rotary ☐ Other ___

5. WELL CONSTRUCTION DETAILS:
Borehole:
Dia 6 in. from 0 ft. to 200 ft.
Dia ___ in. from ___ ft. to ___ ft.
Dia ___ in. from ___ ft. to ___ ft.
Casing:
Steel: Wall thickness ___ ☐ Threaded
Dia 6 in. from 0 ft. to 167 ft.
Dia ___ in. from ___ ft. to ___ ft.
Casing Shoe ✓ Yes ☐ No
Plastic: Pressure Rating ___ Sch ☐ Threaded ☐ Welded
Dia ___ in. from ___ ft. to ___ ft.
Perforations/Slotted Pipe:
Type of perforator used ___
Size of perforations/slots ___ in. by ___ in.
___ no. of perforations/slots from ___ ft. to ___ ft.
___ no. of perforations/slots from ___ ft. to ___ ft.
Screens: ✓ Yes ☐ No
Material ___
Dia 4 Slot size ___ from 160 ft. to 200 ft.
Dia ___ Slot size ___ from ___ ft. to ___ ft.
Gravel Packed: ☐ Yes ✓ No
Size of gravel ___
Gravel placed from ___ ft. to ___ ft.
Packer: ☐ Yes ✓ No
Type ___ Depth(s) ___
Grout: Material used ___
Depth from ___ ft. to ___ ft. OR ☐ Continuous feed

6. WELL TEST DATA:
A well test is required for all wells. (Use details on well log report cover.)
☐ Static water level 136 ft. below top of casing or
☐ Closed-in artesian pressure ___ psi
How was test flow measured:
bucket/stopwatch, weir, flume, flowmeter, etc/ ___
Yellowstone Controlled Groundwater Area - Water Temperature ___ °F
☐ AQUIFER TEST DATA FORM ATTACHED

Test - 1 hour minimum
Drawdown is the amount water level is lowered below static level.
All depth measurements shall be from the top of the well casing.
Time of recovery is hours/minutes since pumping stopped.

Air test:
10 gpm with drill stem set at 180 ft. for 1 hours
Time of recovery ___ hrs/min. Recovery water level ___ ft.
1.00

OR Bailer test:
10 gpm with ___ ft. of drawdown after ___ hours
Time of recovery ___ hrs/min. Recovery water level ___ ft.

OR Pump test:
Depth pump set for test ___ ft.
___ gpm pump rate with ___ ft. of drawdown after ___ hrs pumping
Time of recovery ___ hrs/min. Recovery water level ___ ft.

OR Flowing Artesian:
___ gpm for ___ hours
Flow controlled by ___

During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.

7. WELL LOG: Record depth(s) that water is encountered.

Depth, Feet From	To	Material (color/black and type/descriptor (example: blue/shale/hard, or brown/gravel/water, or brown/sand/housing))
0	15	Dirt
15	65	Clay
65	100	Gravel
100	200	Clay & Rock, Bedrock

☐ ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED: 3-3-22

9. REMARKS: ___

10. DRILLER/CONTRACTOR'S CERTIFICATION:
All work performed and reported in this well log is in compliance with the Montana well construction standards. This report is true to the best of my knowledge.
Name, firm, or corporation (print) ___
Address ___
Signature ___
Date ___ License no. ___
License type: ☐ MWC ☐ WWC ☐ WWD

Montana Bureau of Mines & Geology
The University of Montana
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