24N 19W 10B

MONTANA WELL LOG REPORT

Form No. 603 R2-99

Well ID#

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 DNRC 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. ***Optional fields are in italics.*** Record additional information in the REMARKS section.

1. WELL OWNER:
Name Gerald Saylor
Mailing address 1325 Lake-To-Sky rd
Bigfork, MT 59911

2. WELL LOCATION: List ¼ from smallest to largest
___ ¼ ___ ¼ W ¼ NW ¼, Section 10
Township 24 N/S Range 19 E/W County LAKE
Lot ___ *Tract/Blk* ___ *Subdivision Name* ___
OK *Well Address* ___
GPS ☐ *Yes* X *No*
Latitude ___ *Longitude* ___
Error as reported by GPS locator (± feet)
Horizontal datum ☐ *NAD27* ☐ *WGS84*

3. PROPOSED USE: X Domestic ☐ Stock ☐ Irrigation
☐ Public water supply ☐ Monitoring Well ☐Other: ___

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

5. WELL CONSTRUCTION DETAILS:
Borehole:
Dia. 6 in. from 0 ft. to 50 ft.
Dia. ___ in. from ___ ft. to ___ ft.
Dia. ___ in. from ___ ft. to ___ ft.
Casing:
Steel: Wall thicknes.250 ☐ Threaded X Welded
Dia. 6 in. from 0 ft. to 50 ft.
Dia. ___ in. from ___ ft. to ___ ft.

Plastic: Pressure Rating 160 lbs. ☐ Threaded X Welded
Dia. 4 in. from 5 ft. to 165 ft.

Perforations/Slotted Pipe:
Type of perforator used SAW
Size of perforations/slots 1/8 in. by 6 in.
180 no. of perforations/slots from 105 ft. to 165 ft.
___ no. of perforations/slots from ___ ft. to ___ ft.
Screens: ☐ Yes X No
Material ___
Dia. ___ Slot size ___ from ___ ft. to ___ ft.
Dia. ___ Slot size ___ from ___ ft. to ___ ft.
Gravel Packed: ☐ Yes X No
Size of gravel ___
Gravel placed from ___ ft. to ___ ft.
Packer: ☐ Yes X No
Type ___ Depth(s) ___
Grout: Material used BENTONITE
Depth from ___ ft. to ___ ft. OR X Continuous feed

6. WELL TEST DATA:
A well test is required for all wells. *(See details on well log report cover.)*
X Static water level 102 ft. below top of casing or
☐Closed-in artesian pressure ___ psi.
How was test flow measured:
bucket/stopwatch, weir, flume, flowmeter, etc ___
Yellowstone groundwater closure area only - 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*
40 gpm with drill stem set at 160 ft. for 3 hours
Time of recovery 12 hrs/min. Recovery water level 102 ft.
OR Bailer test*
___ 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: PH

Depth, Feet From	Depth, Feet To	Material: Color/rock and type/descriptor (example: blue/shale/hard, or brown gravel/water, or brown/sand/heaving)
0	50	GRAY GRAVEL & SAND
50	165	FRACTURED GRAY BEDROCK

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M.B.M.G.

☐ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED: 10/30/03

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) MAIN HARBOR DRILLING
Address 2 – 7TH Ave East, Polson, MT 59860
Signature Michael D. [illegible]
Date 11/3/03 License no. 612

MBMG ID #
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