MONTANA WELL LOG REPORT

Form No. 603 R2-04
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 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 ___________________________
   Mailing address ___________________________

2. WELL LOCATION:
   List ¼ from smallest to largest
   Township _____ N/S Range _____ E/W County ______
   Lot _____ Tract/Bk ______ Subdivision Name ______
   Certificate of Survey __________________________
   Well Address ___________________________
   GPS Yes No
   Latitude __________________ Longitude ___________
   Horizontal datum NAD27 WGS84
   Error as reported by GPS locator (feet):

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. ______ in. from ______ ft. to ______ ft.
   Dia. ______ in. from ______ ft. to ______ ft.
   Dia. ______ in. from ______ ft. to ______ ft.
   Casing:
   Steel: Wall thickness _______ in. Threaded Welded
   Dia. ______ in. from ______ ft. to ______ ft.
   Dia. ______ in. from ______ ft. to ______ ft.
   Casing Shoe: Yes No
   Plastic: Pressure Rating lbs. 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. Slot size _______ in. from ______ ft. to ______ ft.
   Dia. Slot size _______ in. from ______ ft. to ______ ft.
   Gravel Packed: Yes No
   Size of gravel _______ in. from ______ ft. to ______ ft.
   Gravel placed from ______ ft. to ______ ft.
   Packer: Yes No
   Type _______ in. 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. (See details on well log report cover.)
   Static water level ______ 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

7. WELL LOG:
   Record depth(s) that water is encountered.
   Depth, Feet Material color/rock and type/descriptor (example: blue/shale/hard, or brown/gravel/water, or brown/sand/heaving)
   From To

8. DATE WELL COMPLETED: _________________

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

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