

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 have a grayed background. Record additional information in the REMARKS section.

**1. WELL OWNER:**

Name Noel + Donna Hendrickson  
Mailing address 1744 Hwy Hall Rd  
Thompson Falls MT 59823

**2. WELL LOCATION:** List ¼ from smallest to largest

¼ E ¼ NE ¼ NW ¼, Section 10  
Township 22 N Range 30 E County Sanders  
Lot \_\_\_\_\_ Tract/Blk \_\_\_\_\_ Subdivision Name \_\_\_\_\_  
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 ☐ Other: \_\_\_\_\_**4. TYPE OF WORK:**

☒ New well ☐ Deepen existing well ☐ Abandon existing well  
Method: ☐ Cable ☐ Rotary ☐ Other: \_\_\_\_\_

**5. WELL CONSTRUCTION DETAILS:**

**Borehole:**  
Dia. 7 7/8 in. from 0 ft. to 390 ft.  
Dia. \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
Dia. \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

**Casing:**  
Steel: Wall thickness .250 ☐ Threaded ☒ Welded  
Dia. 6 in. from 0 ft. to 140 ft.  
Dia. \_\_\_\_\_ in. from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Plastic: Pressure Rating 160 lbs. ☐ Threaded ☒ Welded  
Dia. 4 1/2 in. from 120 ft. to 390 ft.

**Perforations/Slotted Pipe:**

Type of perforator used Drill  
Size of perforations/slots 1/4 in. by 1/4 in.  
120 no. of perforations/slots from 360 ft. to 380 ft.  
\_\_\_\_\_ no. of perforations/slots from \_\_\_\_\_ ft. to \_\_\_\_\_ ft.

Screens: ☐ Yes ☒ No

Material \_\_\_\_\_  
Dia. \_\_\_\_\_ Slot size \_\_\_\_\_ from \_\_\_\_\_ ft. to \_\_\_\_\_ 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 Bencrete  
Depth from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. OR ☒ Continuous feed

**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\***

1K gpm with drill stem set at 340 ft. for 1 hours  
Time of recovery 4 hrs/min. Recovery water level 95 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:**

Depth, Feet		Material:
From	To	color/rock and type/descriptor (example: blue/shale/hard, or brown/gravel/water, or brown/sand/heaving)
0	74	clay Brown
74	97	gravel
97	126	Shale gray Soft
126	138	Shale Brown Soft
138	142	Shale gray Soft
142	215	Shale Brown + gray Soft
215	221	Shale gray Med Hard
221	280	Shale green + gray Hard
280	338	Shale gray Hard
338	340	Shale green Hard
340	390	Shale gray Hard

☐ ADDITIONAL SHEETS ATTACHED

**8. DATE WELL COMPLETED:** 5/12/00

**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) Williams Well Drilling

Address 1405 Blue Slide Rd T Falls MT

Signature Don Williams

Date 5/21/00 License no. 567

**6. WELL TEST DATA:**

A well test is required for all wells. (See details on well log report cover.)

☐ Static water level 160 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



Montana DNRC P.O. BOX 201601 HELENA, MT 59620-1601 444-6610

DEPARTMENT COPY

MBMG ID#

DRILLER: Please give this copy to the well owner to complete reverse side.

FOR: Complete reverse side and send to DNRC when the well is complete. Fee: \$10.00 per well.