

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 John & Mary Smith

Mailing address 123 Main Street
Helena, MT 59601

2. WELL LOCATION: List 4 from smallest to largest
1/4 1/4 1/4 1/4 Section 36

Township N15 Range E10 County FLYNN

Lot 1 Tract/Blk 1 Subdivision Name 1

Well Address 123 Main Street

GPS: Yes No

Latitude 45.75 Longitude 108.25

Error as reported by GPS locator (± feet) 10

Horizontal datum NAD83 WGS84

3. PROPOSED USE: Domestic Stock Irrigation
 Public water supply Monitoring Well Other: NA

4. TYPE OF WORK: New well Deepen existing well Abandon existing well
Method: Caste Rotary Other: NA

5. WELL CONSTRUCTION DETAILS:

Borehole:

Dia. 4 in from 0 ft. to 10 ft.

Dia. 4 in from 10 ft. to 20 ft.

Dia. 4 in from 20 ft. to 30 ft.

Casing:

Steel: Welded Threaded

Dia. 4 in from 0 ft. to 10 ft.

Dia. 4 in from 10 ft. to 20 ft.

Plastic: Pressure Rating 100 lbs. Threaded Welded

Dia. 4 in from 0 ft. to 10 ft.

Perforations Slotted Pipe:

Type of generator used: NA

Size of perforations: slots 1/8 in by 1/8 in

no. of perforations/slots from 0 ft. to 10 ft.

no. of perforations/slots from 10 ft. to 20 ft.

Screens: Yes No

Material:

Dia. 4 Slot size 1/8 from 0 ft. to 10 ft.

Dia. 4 Slot size 1/8 from 10 ft. to 20 ft.

Gravel Packed: Yes No

Size of gravel: 1/8

Gravel placed from 0 ft. to 10 ft.

Packer: Yes No

Type NA Depth(s) NA

Grout: Material used Portland Cement

Depth from 0 ft. to 10 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 10 ft. below top of casing or

Closed-in artesian pressure NA psi

How was test flow measured: bucket/stopwatch, weir, flume, flowmeter, etc

Yellowstone Controlled Groundwater Area: Water Temperature NA °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:

100 gpm with drill stem set at 100 ft. for 1 hour

Time of recovery NA hr:min. Recovery water level NA ft.

OR Bailer test:

NA gpm with NA ft. of drawdown after NA hours

Time of recovery NA hr:min. Recovery water level NA ft.

OR Pump test:

Depth pump set for test: NA ft.

NA gpm pump rate with NA ft. of drawdown after NA hrs pumping

Time of recovery NA hrs:min. Recovery water level NA ft.

OR Flowing Artesian:

NA gpm for NA hours

Flow controlled by NA

Yellowstone Controlled Groundwater Area: Is this well in a controlled area? The user may or may not be the sustainable user of the well. Sustainable users must not increase the production of the well beyond NA.

7. WELL LOG: PD

Depth: Feet		Material
From	To	color/rock and type description (e.g. tan, shale, hard or loose, green water, or brown sand, heavy)
0	10	4" steel casing
10	20	4" steel casing
20	30	4" steel casing
30	40	4" steel casing
40	50	4" steel casing
50	60	4" steel casing
60	70	4" steel casing
70	80	4" steel casing
80	90	4" steel casing
90	100	4" steel casing
100	110	4" steel casing
110	120	4" steel casing
120	130	4" steel casing
130	140	4" steel casing
140	150	4" steel casing
150	160	4" steel casing
160	170	4" steel casing
170	180	4" steel casing
180	190	4" steel casing
190	200	4" steel casing

ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED 5-5-20

9. REMARKS NA

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) John & Mary Smith

Address 123 Main Street

Signature John & Mary Smith

Date 5-5-20 License no. NA



