1. WELL OWNER:
Name Tim Wilson
Mailing address P.O. Box 537
Livingston, MT 59047

2. WELL LOCATION: List ¼ from smallest to largest
SW ¼ SW ¼ SW ¼ ____ ¼, Section 6
Township 2 ☒N ☐S Range 10 ☐E ☒W County Park
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. 6 in. from 0 ft. to 120 ft.
Dia. ____ in. from ____ ft. to ____ ft.
Dia. ____ in. from ____ ft. to ____ ft.

Casing:
Steel: Wall thickness .250 ☐ Threaded ☒Welded
Dia. 6 5/8 in. from +2 ft. to 26 ft.
Dia. ____ in. from ____ ft. to ____ ft.

Plastic: Pressure Rating 160 lbs. ☐ Threaded ☐ Welded
Dia. 4½ in. from 10 ft. to 120 ft.

Perforations/Slotted Pipe:
Type of perforator used Drill
Size of perforations/slots 1/8 in. by Hole in.
100 no. of perforations/slots from 100 ft. to 120 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 Bentonite
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 45 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*
60 gpm with drill stem set at 118 ft. for 1 hours
Time of recovery 1/2 ~~hrs/min.~~ Recovery water level 45 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 From	Depth, Feet To	Material: color/rock and type/descriptor (example: blue/shale/hard, or brown/gravel/water, or brown/sand/heaving)
0	1	Topsoil
1	22	Sand + Gravel
22	120	Sand Stone

☐ ADDITIONAL SHEETS ATTACHED

8. DATE WELL COMPLETED: 5/11/10

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) Hillman Drilling
Address P.O. Box 1855 Livingston
Signature [signature]
Date 5/16/10 License no. 436

Montana Bureau of Mines & Geology
The University of Montana
1300 West Park Street
Butte, MT 59701

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