

MONTANA WELL LOG REPORT

Other Options

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report is compiled electronically from the contents of the Ground Water Information Center (GWIC) database for this site. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

[Return to menu](#)
[Plot this site in State Library Digital Atlas](#)
[Plot this site in Google Maps](#)

Site Name: SORENSEN, JUSTIN & ANNE
GWIC Id: 296101

Section 7: Well Test Data

Section 1: Well Owner(s)
 1) SORENSEN, JUSTIN & ANNE (MAIL)
 140 GRANITE HILL ROAD
 KALISPELL MT 59901 [12/07/2017]
 2) SORENSEN, JUSTIN & ANNE (WELL)
 140 GRANITE HILL ROAD
 KALISPELL MT 59901 [12/07/2017]

Total Depth: 660
 Static Water Level: 180
 Water Temperature:

Air Test *

10 gpm with drill stem set at 650 feet for 2 hours.
 Time of recovery 1.2 hours.
 Recovery water level 180 feet.
 Pumping water level feet.

** 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.*

Section 2: Location

Township	Range	Section	Quarter Sections
28N	22W	22	NW¼ SE¼ SE¼
County	Geocode		
FLATHEAD			
Latitude	Longitude	Geomethod	Datum
48.169123	-114.376739	TRS-SEC	NAD83
Ground Surface Altitude	Ground Surface Method	Datum Date	

Section 8: Remarks

Section 9: Well Log Geologic Source

Section 3: Proposed Use of Water
 DOMESTIC (1)

Section 4: Type of Work
 Drilling Method: ROTARY
 Status: NEW WELL

Section 5: Well Completion Date
 Date well completed: Thursday, December 7, 2017

Section 6: Well Construction Details

Borehole dimensions

From	To	Diameter
0	164	8
164	660	5.9

Casing

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-2	164	6.6	0.25	540.0	WELDED	A53B STEEL
140	660	4	0.25	540.0	SPLINE	PVC-SCHED 80

Completion (Perf/Screen)

From	To	Diameter	# of Openings	Size of Openings	Description
200	220	4	3220	0.020	FACTORY SLOTTED
600	640	4	3220	0.020	FACTORY SLOTTED

Annular Space (Seal/Grout/Packer)

From	To	Description	Cont. Fed?
0	30	BENTONITE	Y

Unassigned

From	To	Description
0	9	TAN CLAY, COBBLES AND GRAVELS
9	13	BLUE BOULDER
13	87	TAN CLAY, BOULDERS, COBBLES AND GRAVELS
87	91	BLUE BOULDER
91	128	TAN CLAY AND GRAVELS
128	215	MED GREEN ROCK WITH BROWN LAYERS AND 2 GPM
215	300	DARK MED GREEN ROCK
300	462	MED DARK GREEN ROCK WITH VERY LIGHT GREEN LAYERS
462	541	MED GREEN ROCK WITH GRAY SEAMS
541	580	MED DARK GREEN ROCK
580	591	MED LIGHT GREEN ROCK
591	660	MED DARK GREEN AT 610 8 GPM

Driller 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: LYLE SMITH
Company: OH WELL DRILLING & PUMP
License No: WWC-637
Date Completed: 12/7/2017