

**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.

[Go to GWIC website](#)  
[Plot this site in State Library Digital Atlas](#)  
[Plot this site in Google Maps](#)

**Site Name: COLTON LEE COMMUNITIES, LLC**  
**GWIC Id: 268298**

**Section 1: Well Owner(s)**

1) COLTON LEE COMMUNITIES, LLC (MAIL)  
 1014 S. WEST LAKE BLVD. #14  
 WESTLAKE VILLAGE CA 91361 [09/19/2012]  
 2) COLTON LEE COMMUNITIES, LLC (WELL)  
 1489 E. EDGEWOOD DRIVE  
 WHITEFISH MT 59937 [09/19/2012]

**Section 2: Location**

Township	Range	Section	Quarter Sections
31N	21W	33	NE¼ NW¼
County	Geocode	Parcel	
FLATHEAD			
Latitude	Longitude	Geomethod	Datum
48.41278156715	-114.2984612505	TRS-SEC	NAD83
Ground Surface Altitude	Ground Surface Method	Datum	Date

Addition	Block	Lot

**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: Wednesday, September 19, 2012

**Section 6: Well Construction Details**

**Borehole dimensions**

From	To	Diameter
0	32	10
32	240	6

**Casing**

From	To	Diameter	Wall Thickness	Pressure Rating	Joint	Type
-2.5	233	6	0.25		WELDED	A53B STEEL

**Completion (Perf/Screen)**

From	To	Diameter	# of Openings	Size of Openings	Description
233	240	6			OPEN HOLE

**Annular Space (Seal/Grout/Packer)**

From	To	Description	Cont. Fed?
0	32	BENTONITE	

**Section 7: Well Test Data**

Total Depth: 240  
 Static Water Level: 0  
 Closed-in Pressure: 8 psi  
 Water Temperature:

**Air Test \***

70 gpm with drill stem set at 220 feet for 1 hours.  
 Time of recovery 0.25 hours.  
 Recovery water level 0 feet.  
 Pumping water level    feet.

**Artesian/Flow Test \***

10 gpm for 48 hours.  
 Flow controlled by BALL VALVE.

*\* 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 8: Remarks**

**Section 9: Well Log**

**Geologic Source**

Unassigned

From	To	Description
0	1	TOPSOIL
1	7	TAN CLAY
7	9	GRAY CLAY + SCATTERED GRAVEL
9	38	TAN CLAY + SCATTERED GRAVEL
38	179	MOSTLY HARD GRAY CLAY + LAYERS OF GREENISH GRAY AND TAN CLAY
179	192	GRAY CLAY + SCATTERED GRAVEL
192	202	SAND + SILT + WATER
202	230	GRAY SANDY SATURATED CLAY
230	233	SAND + SILT + GRAVEL + WATER (30+ GPM)
233	235	CEMENTED GRAVEL + WATER
235	237	GRAVEL + SAND + MOSTLY FINE GRAY SAND + SMALL PERCENT OF COARSE SAND + GRAY SILT + WATER (CONSOLIDATED)
237	240	TAN SANDY SATURATED SILTY CLAY

**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:** JEFF GLAZIER  
**Company:** GLAZIER DRILLING  
**License No:** WWC-655  
**Date Completed:** 9/19/2012