# MONTANA WELL LOG REPORT

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.

## Site Name: MOOSE CROSSING FIRE SYSTEM GWIC Id: 275823

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

1) MOOSE CROSSING FIRE SYSTEM (MAIL) 779 MOOSE CROSSING TRAIL COLUMBIA FALLS MT 59912 [11/08/2013] 2) MOOSE CROSSING FIRE SYSTEM (WELL) 779 MOOSE CROSSING TRAIL COLUMBIA FALLS MT 59912 [11/08/2013]

#### Section 2: Location

Township	Range	Section	Quarter Sec	tions
31N 20W		28	NW¼ NE¼	
County			Geocode	
FLATHEAD				
Latitude		Longitude	Geomethod	Datum
48.42692086575		-114.1624691765	TRS-SEC	NAD83
Ground Surface Altitude		Ground Surfa	ce Method D	atum Date

Addition	Block	Lot
MOOSE CROSSING		13

# Section 3: Proposed Use of Water

FIRE PROTECTION (1)

### Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

#### Section 5: Well Completion Date

Date well completed: Friday, November 8, 2013

## Section 6: Well Construction Details

0000								
Borehole dimensions								
From	То	Diameter						
0	240	7.5						
Casing	g							
			Wall		Press	ure		
From	То	Diamete	r Thickne	ss	Rating	3	Joint	Туре
-2	239	6	0.25				WELDED	A53B STEEL
Completion (Perf/Screen)								
			# of	Size	e of			
From	То	Diameter	Openings	penings Openings		Des	cription	
220	237	6	204 1/4"		X 1"	HOL	OLTE PERFORATOR SLOT	

OPEN HOLE

# 239 240 7.5

Annular Space (Seal/Grout/Packer)

			Cont.
From	То	Description	Fed?
0	239	BENTONITE	Y

# **Other Options**

Return to menu Plot this site in State Library Digital Atlas Plot this site in Google Maps

#### Section 7: Well Test Data

Total Depth: 240 Static Water Level: 63.8 Water Temperature:

#### Air Test \*

20 gpm with drill stem set at 220 feet for 1.5 hours. Time of recovery <u>0.67</u> hours. Recovery water level 63.8 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 8: Remarks

#### Section 9: Well Log

**Geologic Source** 

Unassig	gned	
From	То	Description
0	45	GRAVEL + COBBLES + BOULDERS WITH SILT AND CLAY LAYERS
45	165	TAN CLAY + SCATTERED GRAVEL
165	210	TAN CLAY + SAND + GRAVEL + SEEPS OF WATER (2-4 GPM)
210	235	GRAVEL + SAND + TAN SILT + WATER (MOSTLY CONSOLIDATED) (10-12 GPM)
235	240	CEMENTED GRAVEL + WATER

## **Driller Certification**

SLOTS

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: 11/8/2013