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.

Other Options

Go to GWIC website Plot this site in State Library Digital Atlas Plot this site in Google Maps View scanned well log (7/7/2008 11:34:38 AM)

Site Name: CLEARWATER DEVELOPMENT LTD.

GWIC Id: 201358

Section 1: Well Owner(s)

1) CLEARWATER DEVELOPMENT LIMITED (MAIL)

343 1ST AVE. WEST

KALISPELL MT 59901 [06/20/2002]

Section 2: Location

Township Range Section Quarter Sections 28N 24W NE1/4 NE1/4 NW1/4 SW1/4 1 County Geocode

FI ATHEAD

Latitude Longitude Geomethod Datum -114.605578 48.217905 TRS-SEC Datum Date **Ground Surface Altitude Ground Surface Method**

Section 7: Well Test Data

Total Depth: 183 Static Water Level: 25 Water Temperature:

Air Test *

100 gpm with drill stem set at 120 feet for 1.5 hours.

Time of recovery 1 hours. Recovery water level 25 feet. Pumping water level feet.

* During the well test the discharge rate shall be as uniform as possible. NAD83 This rate may or may not be the sustainable yield of the well.

Sustainable yield does not include the reservoir of the well casing.

Addition **Block** Lot

31

Section 3: Proposed Use of Water

DOMESTIC (1)

EMERALD POINT

Section 4: Type of Work

Drilling Method: ROTARY Status: NEW WELL

Section 5: Well Completion Date

Date well completed: Thursday, June 20, 2002

Section 6: Well Construction Details

Borehole dimensions

From	То	o Diameter	
0	20	10	
20	183	6	

Casing

From	То		Wall Thickness	Pressure Rating	Joint	Туре
-2	78.5	6	0.25		WELDED	STEEL
63	183	4		200.00		PVC

Completion (Perf/Screen)

From	То			Size of Openings	Description
143	183	4		3/16X6	PERFORATED CASING

Annular Space (Seal/Grout/Packer)

From	То		Cont. Fed?
0	20	NEAT CEMENT	

Section 8: Remarks

Section 9: Well Log **Geologic Source**

Unassigned

Ullassi	Unassigned				
From	То	Description			
0	14	GRAVEL AND COBBLESTONES MIXED IN CLAY MATRIX BOULDERS AT 3 IN AND 14 IN			
14	25	GRAVEL AND COBBLESTONES IN SILTY CLAY MATRIX			
25	65	GRAY AND BROWN ROCK WITH CLAY IN SEAMS			
65	115	GRAY ROCK			
115	147	GRAY ROCK WITH BROWN SEAMS			
147	183	FRACTURED GRAY AND BROWN ROCK WATER 100+ GPM TOTAL			

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: WILLIAM GARDNER

Company: LIBERTY DRILLING & PUMP CO.

License No: WWC-458 Date Completed: 6/20/2002