

TA-35

Subject: [Fwd: R-14 Weekly Drill Summary]

Date: Wed, 03 Jul 2002 08:04:40 -0600

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FYI

R-14

Subject: R-14 Weekly Drill Summary

Date: Fri, 28 Jun 2002 15:36:46 -0600

From: Steve Pearson <spearson@lanl.gov>

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Data collected to date:

- 0 -306' collected continuous core;
- 306' - 1068' collected drill cuttings at 5' intervals;
- 0 - 1068' ran open hole geophysical log suite and borehole camera;
- 1068' - 1285' collected drill cuttings;

Note: did not encounter perched horizons detectable during drilling; measured regional static water level at approximately 1180' bgs; unable to collect regional groundwater sample due to borehole instability.

Weekly Summary for Saturday June 22, 2002 to Friday, June 28, 2002

Ran 13 3/8" steel casing from 0 to 1050' bgs; cemented casing in place using Halliburton Energy Services to perform cement job; primary cement job running at 50% excess and pumping from bottom of casing did not return cement to surface; use Halliburton to perform top job and cement remaining casing in place to surface. Allow cement to set and trip in drill string; drill out cement plug from 1050' to 1068'; drill open hole air rotary from 1068' to 1075' with 0% cuttings return; drill to 1085' fluid assisted (foam) air rotary; evaluate boring for water production at regular intervals; drill from 1085 to 1225, measure static water level at approx. 1180' bgs.; make repeated attempts to recover groundwater sample but unable to due to borehole instability. Rig up and switch to mud rotary; drill to 1262' with partial loss of circulation; make repeated attempts to minimize circulation loss.

