

TR 35 (TA 36)

Subject: Weekly Drilling Update - 9/12

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Carolyn,

Here the latest info on the wells currently active. Let me know if you have any questions. See you this afternoon.

R-14: Well development activities are still on hold. DOE/LANL are still working on a new development strategy including the use of chemical dispersants and acid to promote well development and reduce bacterial growth. The development plan should be finalized by the end of the week.

R-16: Dynatec completed backfilling the well this week. The temporary casing advance string installed to 729 feet during drilling could not be pulled from the borehole. Swelling clays at 130 feet and below have sealed the casing string in place. Cement grout was tremmie behind the casing advance string from a depth of 130 feet up to ground surface to prevent surface water infiltration. Well development activities will begin today with wire brushing of the screens followed by bailing and chemical treatment of the screened zones.

R-20: Stewart Brothers T.D'd the well to about 1385 feet. The static water level was 782 feet, about 20 feet deeper than the predicted water level. A full suite of geophysical logs were completed in the borehole. Three screens were installed in the regional aquifer based on information provided in the logs. Well backfilling activities are proceeding. Two of the screens have been completed/backfilled as of today. Well backfilling should be completed by this weekend followed by well development.

R-23: Dynatec mobilized the DR-24 rig to the site early this week and began 24 hour round-the-clock drilling. Scrubbers have been installed on the rig and the generator to reduce emissions and alleviate concerns from the local community. Casing advance was used to drill the borehole to 170 feet. The casing string will be temporarily left in the borehole to provide stability and facilitate circulation of the cuttings. A down-hole hammer was then used to advance the borehole from 170 feet to 236 feet. Continued problems with borehole stability resulted in switching from DTH hammer drilling to rotary drilling with foam. The borehole is currently at a depth of 260 feet with a target depth of approximately 1100 feet.

R-32: Dynatec is continuing well development activities at the site using 12-hour day shift activity only. The initial well development treatment using the mud dispersant (AQUA-CLEAR PFD from Baroid) will be applied to the well later today followed by an acid treatment 24 hours later. Approximately 3,500 gallons of fluids have been bailed from the well.

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