

TA 36 (TA-54)

Subject: R-20 Screen locations

Date: Sat, 7 Sep 2002 12:23:43 -0600

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Carolyn and John,

We have made some relatively minor adjustments to the well screen locations based on examination of the Schlumberger geophysical logs. The largest adjustment was made on screen #2 in order to target a high porosity zone that was not previously targeted. The detailed Title 2 well design is currently being completed and will be faxed you this weekend.

A summary of changes relative to the design sent to you yesterday (9/6/02) are as follows:

Screen #1 - No change (903-913 ft), fixed relative to the measured static water level.

Screen #2 - Moved from Puye fanglomerate to the pumiceous Puye geologic subunit (1146-1156 ft). based on geophysics, this pumiceous unit (Tpp) turns out to have the highest porosities in the saturated part of the borehole. This screen replaces screen #3 as the screen that targets a relatively high porosity/high permeability zone so that the upper end of the permeability distributions can be targeted for potential "fast path" monitoring and for straddle-packer/ injection tests in the completed well.

Screen #3 - Stays in Totavi (?) deposits (Tpt) (1328-1338), but moved slightly to capture a "typical" or representative porosity for this geologic unit.

Dave



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R-20 Screen locations

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