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APR 2 2014

Stratacone 32 State 2H 30-025-41633

Casing and Cement

String	<u>Hole Size</u>	<u>Csq OD</u>	PPF	Depth	Sx Cement	TOC
Surface	17-1/2"	13-3/8"	54.5#	1980'	1300	0'
Intermediate	12-1/4"	9-5/8"	36#/40	5900'	2230	0'
Production	8-3/4"-7-7/8"	5-1/2"	17#	15381'	1900	5600'

Well Plan

Drill 17-1/2" hole to ~1980' w/ fresh water spud mud. Run 13-3/8" 54.5# J55 STC casing to TD and cement to surface in one stage. Will use 1" tubing and Class C w/ 2% CaCl₂ to cement to surface, if necessary.

Drill 12-1/4" hole to ~5900' with saturated brine water. If losses occur in the Reef, will switch to fresh water to interval TD. Run 9-5/8" 36# J55 & 40# L80 BTC casing to TD with a DV tool placed ~ 100' above the Reef. Plan to circulate cement on both stages.

Drill 8-3/4" vertical hole and curve to ~ 11100' and 7-7/8" lateral to 15381' with cut brine. Run 5-1/2" 17# P110 LTC casing to TD and cement to 5600' (300' overlap) in one stage.

Weil Control

After setting 13-3/8" casing and installing 3000 psi casing head, NU Hydril 3000 psi annular BOP. Test annular and casing to 1000 psi and other BOP equipment to 2000 with clear fluid using 3rd party testers.

After setting 9-5/8" casing and installing 5000 psi casing spool, NU Shaeffer 3000 psi double ram BOP and Hydril 3000 psi annular BOP. Test annular to 1500 psi and other BOP equipment to 3000 with clear fluid using 3rd party testers.