

RECOMMENDED WORK PROCEDURE

LEASE: State 27

WELL NO. 2

ANNULAR FLUID: Fresh Water

ZONE: Vacuum South Devonian

RES. PRESS. 5000 PSI

- 1) Dig out cellar and weld a 6' piece of 9 5/8" CSG w/ collar to the old 9 5/8" CSG.
- 2) MIRU PU on 6 lines and a reverse unit w/ 1000 bbls of pit capacity. Fill pits with 1000 bbls of fresh water.
- 3) Install 13 3/8" wellhead.
- 4) Drill out the 50' surface plug w/ 8 1/2" mill tooth bit and 2 7/8" drill pipe, POH.
- 5) Pull 50,000 lbs of tension on the 9 5/8" CSG and set the slips in the wellhead.
- 6) Cut the 9 5/8" CSG and install a 9 5/8" flange. NU and test the BOP. Test the CSG to 300 psi for 30 min and report the results to Operations Engineering in Hobbs.
- 7) RIH w/ 6 1/8" mill tooth bit and drill through CMT plug at 3724'-3894', POH and lay down bit and pick up 8 1/2" tapered mill.
- 8) GIH w/ 8 1/2" mill and dress off the CSG top @ 3824'.
- 9) RIH w/ 6 1/8" mill tooth bit to 3700' and shut the BOP. Test the CSG to 300 psi for 30 min. Report the results to Operations Engineering in Hobbs.
- 10) Drill out the CMT and SVDC retainer at the top of the Bone Springs. Shut BOP and test the CSG to 300 psi for 30 min. Report the results to Operations Engineering in Hobbs.
- 11) Drill out the CMT plug and SVDC retainer at the top of the first set of Devonian perfs and test the CSG to 300 psi for 30 min. Report the results to Operations Engineering in Hobbs.
- 12) Drill out the SVDC retainer @ 11,539' and test the CSG to 300 psi for 30 min. Report the results to Operations Engineering in Hobbs.
- 13) Mix 1000 BBLs of 8.4-8.8 lb/gal FW-Gel drilling mud w/ the following properties: PH 9-10.5, Funl Visc 35-40, API FL 10-15.
- 14) Displace the hole w/ drilling mud.
- 15) Drill out the remaining CMT plugs to 13,708' using w/ a 6" mill tooth bit.

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