

9/12/81 TD 14,535 Run 5" liner 82jt 18# N-80 FL4S w/ FS @ 14,398.37 and FC @ 14,357.49. Top of lnr 11176.04 and Bottom of liner @ 14,400'. Cmt as follows: Pmp 20 bbl Sam 4 Spacer followed by 100 sx Class H Poz w/ 4% CFR-2, 2% gel, 0.4% Halad 22, .4% HR-5 followed by 275 sx Class "H" w/ 1/2 lb gas check, 0.6% Halad 22 0.5% CFR-2, 5lb KCL, 0.2% lime 0.4% HR-5. displaced cmt w/10 bbl Sam 4 Spacer & drilling mud (oil base) POH (4-1/2 hr)

9/13/81 TD 14,535 Finish POH (3-1/2 hr). RIH to 8400' (2-1/2 hr). 12 hr circ & WO cem. RIH tag cem at 10,865. Pipe became stuck. Pipe stuck at 10,815. (Note total WOC time - 22.5 hr)

9/14-28/81 TD 14,535 Fished stuck pipe. Recovered all fish. PU DP, 3DC & bit drl cmt 10,837 - 11,176. Circ hole clean. Test liner top to 2000 psi POH.

9/29/81 TD 14,535 Finish POH. PU 3-1/2" DC & 2-7/8" DP & 4-1/8" mill start co 5" liner 11,171 to 11,480.

9/30/81 TD 14,535 RIH to 14,081. Co from 14,046 - 14,357. Circ hole clean.

10/1/81 TD 14,535 Finish hole clean. Test liner to 2000 psi. Finish circ hole clean. POH LD DP & DC. Pull BOP & install Christmas Tree.

10/2/81 TD 14,535 Finish NU Christmas Tree. Rig Rel 12 midnight MST 10/1/81. Waiting on completion unit.