

Red Hills (Devonian) Field  
Red Hills "28" Fed. Com. #1  
Sec. 28, T-25-S, R-33-E  
Lea County, New Mexico

**Deepened, sidetracked, ran liners & recompleted in the Devonian formation.**

3/9 thru 10/3/93

3/9-Notified Andrea M. in Hobbs office.

3/14-RIH, PU 189 jts 2 7/8" 10.40# S-135 AOH DP to 9786'

3/16-Finish PU 2 7/8" 10.40# & tag ETD (PKR) @ 12,860'.

POH to 2386'---SWI

3/23-Pulled pkr uphole to 12,852'

3/30-Held Mon. morn. safety meeting w/crew. 60 hr SIP-0. Circ & rotate 13,000-191' & lost hole to 13,187'. Work & circ @ 13,187 f/3 hrs. Unable to drill off @ 13,206'-circ & work pipe @ 13,206' til clean-PU to 12,940'.

4/1-FIH w/DP to 13,000'--Halib disp hole w/880 bbls--10 ppg BW.

FIH w/DP to 13,200'--rev circ bottoms up w/no fill & tr gas only. Hallib mix & pump approx 190 sxs Trinity "H" cmt w/30% SSA-2, .9% CFR-3, .25% HR5 @ 17.8 ppg f/12,617-13,200'. PU to 12,696' & rev out 5 sxs--hole standing full-POH to 7830', inc. Press well to 500 psi. SION.

4/2-12 hr SIP 550 psi. Tag TOC @ 12,845'-drld hard cmt 12,845'-12,871' & circ clean. Press test 9 5/8" csg w/10 ppg BW to 4000 psi f/15 mins, OK--drld 12,871'-12,903', inc. Circ clean.

4/3-Fin drlg hard cmt 12,903'-12,950'--press test 9 5/8" csg 4000 psi f/15 mins, OK.

4/4-RU Dialog & ran csg profile caliper, 3 runs, 12,950'-surf, csg looks good.

4/5-RD PU.

4/9-MIRU Grace Drlg. Rig-Notified Homer Saenz w/BLM. NU 13 5/8" 10M BOPs & 3 1/16" 10M choke manifold & 13 5/8" 5M annular BOP. RU 2-Cameron 3 1/16" 10M Hyd chokes. Notified Patricia Hutchings w/BLM on NU & test-no witness. Test kelley--1000 psi, OK. Test kelley hose, standpipe & mudline 5000 psi, OK. Test choke manifold-all valves-1000 psi, OK.

4/11-Tag TOC @ 12,948'--drld hard cmt to 13,100'. Run thru DP Gyro f/12,820' to surf in 100' intervals @ 12,800'= 54.8' S, 14.9' W, direction -S-15.19' W. TOH f/kick off assy, inc. TOH for kick off assy, inc.

4/12-TIH to 13,100'. Orientate bit to N-90' W. Drld 1' per hr f/13,100' to 13,111' in 11 hrs.

4/15-FTHI to 12,298'--jet & clean pits--transfer oil base mud to steel pits. Displ open hole w/oil base mud.

4/21-Drld to 13,550'.

4/24-Drld to 13,781'--stuck pipe while making conn w/bit @ 13,731'.

4/25-Left out, 6 pt rmr, short DC, rmr, 6 1/4" DC, rmr, (26) 6 1/4" DC'.