

ATTACHED TO FORM 3160-4  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RE: QUESTION #32.

8-16-89 - 8-20-89 Set anchors, NU BOP, RU Foam Air, etc. Deepen from 7089' to 7718'. RU Halliburton, acidize with 250 gals 15% NaFe - Open hole.

8-21-89 RU to swab. Made 14 swab runs. Lost swab and 20' slick line in hole.

8-22-89 Run in hole with mouse trap assembly to fish swab/slickline. Made 3 runs and left mouse trap in tubing with 1800' sandline.

8-23-89 POOH and lay down tubing. Recovered 1800' sandline, mouse trap, 20' sinker bar. Left 15' sinker bar with 3' jar and swab cups in hole.

8-25-89 RU Halliburton, acidize with 25,000 scf N<sub>2</sub>PAQ. 840 gal HCL with 1000 scf N<sub>2</sub>/bbl acid. Flush with 25,000 scf N<sub>2</sub>.

8-28-89 POOH with tubing. Attempt to fish sinker bar/jar assembly with washover pipe. No recovery. Prepare to run 4 1/2" liner.

9-1-89 Ran 320', 4 1/2", 10.50# casing on 2 7/8" tubing. Liner set at 7715'. Top of liner at 7387'

9-2-89 Cement liner with 70,000 scf N<sub>2</sub> and 100 sacks premium cement.

9-4-89 TIH with 6 1/8" bit to drill cement. No cement on top of liner. No cement below float shoe. Prepare to POOH with liner.

9-7-89 POOH with 4 1/2" liner.

9-10-89 TIH with 3 3/4" bit on 2 7/8" tubing to clean hole. Pump LCM pill (70 bbls), follow with 5 bbl fresh water. Pull 30 stands tubing.

9-15-89 Established full returns. Prepare to re-run 4 1/2" liner. Ran 553', 4 1/2", 10.50#, J-55 liner. Liner set at 7701', top at 7139'. RU Halliburton and pump 50 sacks premium with 1/2% Thixset, 5# Gilsonite, 1/4# Flocele.

9-18-89 Liner top tested OK. Tag cement at 7600'. Reversed hole clean. Test inside/outside liner to 500#. Held OK.