

10/1/81 (Continued)

Pkr set @ 11,154 w/378 jts. of 2 3/8 4.7#, N-80, (11,092) & 1 jt of 2 7/8 landing jt (32') & 23' of N-80, subs, pkr is an Otis perma latch pkr w/Otis on-off tool w/1.791 I.D.; "N" nipple set w/11,000#, Loaded csg., & pressure up to 500 psi. Nippled up well head.

10/4/81 - Swabbing & testing.

6/17/81 - Drilled DV in 8 1/2" hole at 12,674'.

8/3/81 - Drilled 8 1/2" hole to 15,960'. Ran 28 jts. (1079') of 4 1/2" OD, 13.5#, 8rd LT&C CASING & set at 13,392' (top at 12,275'). Howco cemented w/1000 gals. SAM-4 and 100 sxs. 25-75 POZ; 200 sxs. class "H" cement w/.6% gas check, 5% HR. Flushed w/1000 gallons SAM-4. Total cement 3000 sxs.

8/4/81 - WOC 18 hrs. Pressured up on liner to 1200# for 30 minutes. OK.

8/12/81 - PBTD-13,485'. Ran 410 jts. (12,723') 2 3/8" N-80 4.7# API modified thd.; 1 jt. 2 7/8" (31'). 6.5# N-80 tubing with Otis 4 1/2" perma-latch packer set at 12,782'; on-off tool at 12,775'. Displaced tubing with 35,000 SCF N2 to 8000'.

8/18/81 - Preparing to perforate.