

(09-08-94 Thru 09-30-94) Continued

Drill cement from 3,920' to 3,938'. Tag up on cement retainer at 3,938'. Drill cement retainer from 3,938' to 3,940'. Circulate casing clean. Pulled 4 jts. to 3,823' w/116 jts. of 2-7/8" tubing. Continue to drill out cement retainer from 3,940' to 3,942'. Drill cement from 3,942' to 3,960'. Circulate 5-1/2" casing clean. TOH w/121 jts. of 2-7/8" tubing laying down 6 3-1/2" drill collars. Rig up Schlumberger Wireline Service. TIH w/4" casing gun w/Hyper Jet III 2 JSPF. Perforate 5-1/2" casing at 7 selected zones from 3,833' to 3,853', 3,859' to 3,864', 3,875' to 3,888', 3,890' to 3,897', 3,902' to 3,912', 3,920' to 3,932' and 3,936' to 3,941' for a total of 151 shots. TOH and rig down Schlumberger. TIH w/FTI Sonic Hammer, 2-7/8" SN and 110 jts. of 2-7/8" tubing to 3,463'. TIH w/16 jts. 2-7/8" tubing for a total of 126 jts. w/FTI Sonic Hammer. Rig up Knox Services and test lines to 3,500 psi. Perform water wash w/30 bbls. fresh water across perf. interval from 3,833' to 3,941'. Pumped 5,000 gals. NEFE 15% HCL acid w/3% DP-70 MX moving Sonic Hammer across perf. interval. Max. tbg. press = 1,500 psi, min. tbg. press. = 410 psi, max. csg. press. = 860 psi, min. csg. press. = 30 psi, AIR = 3.5 BPM. Had 171 bbls. of total load. Rig down Knox Services. TOH w/126 jts. of 2-7/8" tubing and Sonic Hammer. TIH w/4 jts. 2-7/8" tubing, 5-1/2" fullbore packer, 2-7/8" SN and 121 jts. of 2-7/8" tubing. SN at 3,800'. Set packer at 3,806' and tubing OE at 3,932'. Rig up and made 15 swab runs for a total of 60 bbls. water, 0 bbls. oil and a fair show of acid gas. Starting fluid level at 1,200'. Final fluid level at 2,200'. Continue to swab. Made 30 swab runs for a total of 126 bbls. of water and no oil w/some show of gas. Starting fluid level at 1,900'. Final fluid level at 2,800'. Swab back a total of 186 bbls. Rig down swab equipment. Unseat packer and TOH laying down 121 jts. of 2-7/8" tubing, fullbore packer and 4 jts. of 2-7/8" tubing for tail pipe. Change out rams on BOP to 2-3/8" TIH w/2-3/8" SN, 2-7/8" salta lined tubing, 4 jts. of 2-3/8" 8rd tubing, 5-1/2" Baker TAC and 120 jts. of 2-3/8" 8rd tubing. SN set OE at 3,920'. TAC set at 3,764' w/16,000# tension. Remove BOP and install wellhead. TIH w/2" x 1-1/4" RHBC 8' x 4' x S4 sucker rod pump #A-1118 on 3 1-1/2" weight bars and 152-3/4" sucker rods. Pump would not go through swedge on top of salta joint. TOH w/152-3/4" sucker rods, 3 1-1/2" weight bars and sucker rod pump. Removed wellhead and installed 6" 900 BOP. TOH w/2-3/8" SN, 2-7/8" salta lined tubing, 4 jts. of 2-3/8" tbg., 5-1/2" Baker TAC and 120 jts. of 2-3/8" tubing. TIH w/2-3/8" SN, 2-7/8" Salta lined tubing, changed out 2-7/8" x 2-3/8" swedge, 4 jts. of 2-3/8" tubing, 5-1/2" Baker TAC, and 120 jts. of 2-3/8" tubing. Set SN OE at 3,920'. Set TAC at 3,764' w/16,000# tension. Removed BOP and installed wellhead. TIH w/2" x 1-16" RHBC 8' x 4' x S4 sucker rod pump #A-1118 on 3 1-1/2" weight bars, 152-3/4" sucker rods, 2 3/4" x 8' pony rods, 1 3/4" x 4' pony rod and 1-1/4" x 22' polish rod w/1-1/2" x 12' polish rod liner. Load and test to 500 psi. Long stroked pump to check pump action. X-Pert Well Service Rigged down, cleaned location and moved out. Pumping unit was set and well returned to production.

Test (24 Hours): 3 BOPD, 74 BWPD and 5 MCFPD