NMGSAU #1507 (12-08-94 Thru 12-21-94) X-Pert Well Service and Star Tool moved in and rigged up equipment. TOH 1.d. w/153-3/4" rods and 2-1/2" x 1-1/4" x 10' pump (A-0550). Unflanged wellhead, released TAC, and installed 10" 900 BOP. TOH w/123 jts. 2-7/8" tubing, 8-5/8" x 2-1/2" TAC, 1 jt. 2-7/8" tubing and 2-7/8" SN. TIH w/8-5/8" Model "C" RBP, retrieving head, SN and 123 jts. 2-7/8" tubing. Set RBP at 3,800'. Circ. well w/ fresh water and recovered 35 bbls. oil. Pressure tested casing to 500 psi. Casing held. Dropped SV. Pressure tested tubing to 1,500 psi. Tubing held. Rig up sand line and fished SV. TOH w/2 jts. 2-7/8" tubing. Slurried and spotted 4 sacks sand on RBP. TOH w/100 jts. 2-7/8" tubing. Retrieving head at 628'. Circ. well from 628' and recovered no oil. TOH w/2-7/8" tubing, SN and retrieving head. Cleaned out cellar and removed 10" 900 BOP. Unflanged 12" 900 x 10" 900 OCT

(Continued On Back) Though county that the information shope is true and complete to the boards my burnings and belief. Sr. Staff Assistant DATE 12-22-94 SKONATURE \_ TYPE OR PRINT YALLE Terry L теленомию. 393-2144 (This mean for State Use) MOTXES VEREI VE EUROSE MAN DEED JAN 23, 1995 DE MOY! SUPERVISOR APTROVED BY .....

CONDITIONS OF APPROVAL, IF ANY:

work) SEE RULE 1103.

12-21-94

(12-08-94 Thru 12-21-94) Continued

tubing spool w/1-2" LPO. Cut off 8-5/8" casing to required height. Installed seals, and 13-5/8"-3M x 11"-3M National DP-70 tubing spool w/2 2-1/16" studded outlets. Pressure tested seals and flanges. Test held. Note: transfer OCT tubing spool and 1-2" 3,000# WKM gate valve to Kvaerner National's yard. Installed 10" 900 BOP. TIH w/retrieving head and 123 jts. 2-7/8" tubing. Tagged sand at 3,790'. P.U. power swivel and installed stripper head. Circ. off sand and released RBP. TOH w/123 jts. 2-7/8" tubing, retrieving head and 8-5/8" Model "C" RBP. Schlumberger moved in and rigged up. Located TD at 3,878'. Ran CNL/GR logs from 3,050'-3,875'. Determined from logs to drill out to 3,950'. Schlumberger rigged down and moved out. TIH w/7-7/8" bit, 6 4-3/4" drill collars and 119 jts. 2-7/8" tubing. Tagged at 3,879'. P.U. power swivel and installed stripper head. Pumped 185 bbls. fresh water to load wellbore and break circulation. Drilled from 3,879'-3,880'. Returns w/rubber and sand. L.D. swivel. TOH w/2 jts. 2-7/8" tubing. TIH w/2 jts. 2-7/8" tubing. P.U. power swivel, pumped 165 bbls. fresh water and broke circulation. Drilled from 3,883'-3,885' and cement from 3,885'-3,950'. Circ. hole clean. L.D. swivel, removed stripper head, and TOH w/6 jts. 2-7/8" tubing. Bit at 3,786'. TOH w/116 jts. of 2-7/8" tubing, SN, 6 4-3/4" drill collars, and 7-7/8" bit. Rig up Schlumberger. TIH w/4" perforating guns and perforate 2 SPF from 3,802'-3,812', 3,833'-3,843', 3,816'-3,828', and 3,897'-3,920'. TOH w/perforating guns. Rig down Schlumberger. TIH w/FTI Sonic Hammer, 2-7/8" SN and 122 jts. 2-7/8" tubing to 3,790'. Knox Services moved in and rigged up. Acidized 8-5/8" casing perfs. from 3,802' to 3,920' w/5,000 gals. 15% NEFE DI HCL w/3% DP-77 MX in 2 stages. Stage 1: Pumped 60 bbls. fresh water and 2,100 gals. 15% acid at max. press.-1,500 psi, max. csg. press.-550 psi, AIR-5 BPM and ISIP-vacuum. Flushed w/22 bbls. fresh water. Stage 2: Pumped 60 bbls. fresh water prewash and 2,900 gals. 15% acid at max. press.-1,400 psi, max. csg. press.-500 psi, AIR-3.8 BPM and ISIP-vacuum. Flushed w/22 bbls. fresh water. Dropped ball and shift sleave. Rigged down Knox Services. Total load to recover - 370 bbls. Rigged up swab equipment. Made 22 swab runs for a total of 94 bbls. of water and no oil. Had some acid gas. Starting fluid level at 1,200' and final fluid level at 3,200'. Made 17 runs for a total of 42 bbls. water w/a trace of oil and some show of gas. Starting fluid level at 3,200'. Final fluid level at 3,822'. Rigged down swab equipment. TOH laying down 123 jts. of 2-7/8" tubing, SN, and FTI Sonic Hammer. Changed out rams in BOP from 2-7/8" to 2-3/8". TIH w/8-5/8" x 2-3/8" loc-set packer w/1.50" "F" profile nipple and 7-1/4" x 2-3/8" left hand on-off tool. Pick up 11 jts. of 2-3/8" 8rd poly-lined (Miller Pipeline) J-55 injection tubing off of racks. Note: packer equipped w/pump out plug. Set and got off of packer at 3,756'. Displaced wellbore w/210 bbls. packer fluid. Removed 6" 900 BOP. Got on packer and landed tubing in Breech Loc assembly w/6,000 # tension. Test casing to 500 psi for 32 mins. and chart. Note: No witness present from NMOCD for test. Installed National 7-1/16" 3M injection wellhead. Pressure test seal and flanges. Pressured tubing to 1,100 psi to blow pump out plug. Rigged down pulling unit and cleaned location.

Note: Well is closed in. Ready for future use as NMGSAU injector.