

- 10/28/94 18 hr SITP 0 psi. RU Cudd Pressure Control 1" coil tbg unit. RIH & jet tbg dry from 5400' to perfs @ 13,655'. RU Halliburton. Spot 150 gals 7 1/2% Morrow acid across perfs thru 1" coil tbg. SI christmas tree wing valve. Pulled coil tbg up above acid & pressure up w/nitrogen. No noticeable pressure break in formation. Pumped away spot acid @ 3/4" BPM @ 4800 psi. POH & RD coil tbg unit. RU Halliburton acid pump & Cudd Nitrogen pump on christmas tree. Acidized perfs w/1900 gals 7 1/2" Morrow acid w/1200 scf/bbl nitrogen & 75 ball sealers. Flush w/nitrogen. Nitrogen pump developed mechanical trouble w/800 gals acid pumped. SD 4 hrs w/o second nitrogen pump. Finish treatment. Avg pressure 6400 psi. Avg rate 2.8 BPM. ISIP 6330 psi, 5 min 6240 psi. 10 min 6200 psi, 15 min 6150 psi. SIW for 1 hr. RD Halliburton & Cudd. Open well @ 12:30 a.m. 10/29/94 & flowed back for clean up. Flowed 3 hrs & died. SIW. SD for Sunday.
- 10/31/94 54 hr SITP 1450 psi. CP 1050 psi. Open well on 14/64" choke. TP fell to 850 in 20 min. Open to 24/64" choke. TP fell to 0 psi in 10 min. MI RU pulling unit. RU swab. Started swabbing. IFL @ 3800'. FFL @ 8300'. Recovered 25 bbls spent acid in 3 hrs. RD swab. Halliburton did analysis of acid wtr recovered - pH 0 & 4% acid. RU pump truck. Pumped 40 bbls 10# brine wtr w/2% KCl. Pumped 40 more bbls 10# brine @ 1.6 BPM @ 2200 psi. SIP 1750 psi. CP 950 psi. RD pump truck. SWI. SDON.
- 11/01/94 OPERATION: Recomplete in Atoka Bank
RU Pro Well Testing slick line truck. RIH w/blanking plug & set in 1.875" "X" profile nipple @ 13,562'. POH. RD Pro. ND christmas tree. NU 10,000# hydraulic BOP. Sting out of pkr @ 13,552 w/seal assy. SIW. SDON.
- 11/02/94 POH & stand back 314 jts 2 7/8" Vam + 88 jts 2 3/8" DSSHT tbg. LD 28 jts 2 3/8" DSSHT tbg + seal assembly. SIW. SDON. Sent seal assembly to Halliburton in Hobbs to be re-dressed.
- 11/03/94 RU Apollo Perforators. RIH w/dump bailer & cap pkr w/35' cent. POH & LD bailer. New PBTD 13,517'. PU & TIH w/4 1/2" Otis BWB permanent pkr + crossover + 2 3/8" x 8' tbg sub + 1.875" Otis "X" nipple + 2 3/8" x 8' tbg sub + 1.791" "XN" nipple + 2 3/8" x 10' tbg sub + balanced isolation tool + mechanical tbg release + 1 jts 2 3/8" N-80 tbg + 3 1/8" Halliburton Vann perf guns loaded to shoot 4 JSPF. Correlate to Apollo GR/CBL log ran 10/24/94. Set pkr @ 12,669' w/guns positioned to perf @ 12,740-12,751', 12,754-12,761', 12,766-12,770'. POH. RD Apollo. PU & TIH w/re-dressed J-latch seal assembly on 2 3/8" 8rd by DSSHT crossover + 88 jts 2 3/8" 4.7# DSSHT + 2 3/8" x 2 7/8" crossover + 131 jts 2 7/8" 7.7# Vam tbg. SIW. SDON.
- 11/04/94 Finish in hole w/seal assembly on 183 jts 2 7/8" 8.7# Vam tbg, total 402 jts tbg in hole + 10' & 8' subs + pin by pin sub + B02 extended neck tbg anchor coupling. ND BOP. Sting into pkr @ 12,669'. Pulled 20 points over weight & insure seal assembly J'd up ok. Installed wrap around. Land seal assembly w/10 points compression. NU christmas tree. 2 7/8" x 2 3/8" crossover @ 9877'. "X" nipple @ 12,677'. "XN" nipple @ 12,687'. Rigged to swab. Swabbed FL down to 3000' FS. SIW. SD until Monday.
- 11/07/94 Drop firing bar & detonate guns. Slight blow on tbg after guns went off. Wait 1 hr. RIH w/swab. Tagged FL @ 3000' FS, no entry after perf'g. Swabbed FL down to 6400' FS. Recovered 16 BW, no show of gas. RU Pro WL. RIH w/shifting tool & release guns @ 12,700'. Continue in hole to 13,000' to insure perfs clear. POH & RD Pro WL. RIH w/swab. Tag FL @ 5800' FS. Swabbed FL down to 6400' FS. Recovered 4 BW w/small show of gas after each run. SI. SDON.
- 11/08/94 14 hr SITP 320 psi. Bled pressure off & RIH w/swab. FL @ 4100' FS, 2300' entry (11.5 bbls). In 6 1/2 hrs made 12 swab runs w/24 bbls brine wtr swabbed back. FL @ 7200' FS. RU Halliburton. Acidized perfs 12,740-12,770' w/2000 gals 15% NEFE acid. Pressured backside to 2000 psi. Tied on to tbg & tested lines to 10,000 psi. Opened tbg valve & started pumping acid. Acid to top perf. Started pumping acid w/4760 psi @ 1.9 BPM. Pressure climbed at even steady rate 5300 psi. Acid flushed to btm perfs. ISIP 4882 psi, 5 min 4733 psi, 10 min 4645 psi, 15 min 4579 psi. RD Halliburton. Left well SI. SDFN. 116 BLWTR.
- 11/09/94 15 hr SITP after acid job 2850 psi. Open well on 15/64" choke. Pressure went to 0 psi in 5 min. Flowed back solid 2" stream of wtr. Open choke full open & well flowed back 40 BW w/no gas for 3 hrs. Well died. RU to swab. 100 BLWTR. FL @ 700' FS. In 6 hrs swabbed back 40 bbls fluid. Fluid scattered from 800' FS to 4100' FS. Had gas blow after each run & would burn. SIW. SDFN. 60 BLWTR.
- 11/10/94 14 hr SITP 1100 psi. Blew down w/no fluid to surface. On 1st swab run FL @ 1800' FS. FFL below 9000' FS. Recovered 65 bbls fluid in 6 hrs. On last swab run took sample of wtr to be analyzed by Halliburton. SWI. SDON. 5 BWOL.