

- 8/01/91 - SICP = 0 psig. Estab rev circ & tagged FC @ 4605'. DO FC & 60' cmt to 4660' (tbg tally) KB. Rev hole clean & POOH w/2 7/8" 6.5#, J-55 tbg, 4-4 1/2" DC's & 6 1/8" bit. PU & RIH w/6 1/8" bit, 7" csg scraper on 2 7/8" tbg. Dress off DV tool @ 3993' & RIH to PBTD @ 4660' & pick up 5'. RU Western Co. & pumped 500 gals 15% NEFE HCl acid (no other additives) to btm of tbg @ 4655' @ .75 BPM to pickle tbg. Reversed acid to pit & displ hole w/180 bbls 2% KCl. Started OOH w/2 7/8" tbg. SI & secured well. SDFN.
- 8/02/91 - SICP = 0 psig. FOOH w/2 7/8" 6.5# J-55 workstring, 7" csg scraper, 6 1/8" bit. RU Schlumberger & RIH w/CBL-CNL-GR-CCL tools in tandem & ran repeat f/loggers PBTD of 4665' to 4200' under 0 psig. Pulled main pass f/loggers PBTD to surface under 1000 psig. CBL indic good bond f/3130' to 4665' (exc 4300' to 4350' - fair bond). Fair bond f/2720'-3130'. Poor bond & scattered f/880'-2720' & free pipe f/880' to surface. POOH & RD Schlum. RIH w/2 7/8" workstring open-ended & POOH laying down in singles. SI & secured well. RD Pool W/S. Drop from report evaluating cased hole logs.
- 9/19/91 - RU PU. ND 7" csg collar & 7" x 2" csg swedge. NU 7" x 6" 900 series tbg spool. NU 6" 900 dual manual BOP. Test blind rams to 1000 psig. RIH w/7" Halliburton R-4 pkr on 3 1/2" N-80 tbg. Set pkr @ 61'. Test pipe rams to 1000 psig. POOH w/tbg & pkr. SDFN.
- 9/20/91 - RU Wedge. Test full lubricator on BOP to 1000#. RIH w/4" perf guns. Perforate 4078-91', 4098-4114', 4120-42', 49-64', 72-80' w/2 JSPF (153 holes). 4228'-81', 4305-14', 21-31', 42-50', 60-77', 84-95' w/2 JSPF (222 holes). 4491-95', 4502-14', 31-48', 61-74', 4584-4612' w/2 JSPF (153 holes). Total 528 holes. RD Wedge. RIH w/40 jts 3-1/2" N-80 tbg f/killstring. SDFN.
- 9/21/91 - POOH w/killstring. RIH w/7" Halliburton RTTS pkr, 2 7/8" SN & 6' x 2 7/8" N-80 sub on 3 1/2" N-80 tbg. Ran SV in place. Set pkr @ 4449'. RU BJ. Test tbg to 4000 psig. Fished SV. Test lines to 5000 psig. Est rate into perfs 3 bpm @ 1600 psig. Acidized perfs 4491'-4612' w/4000 gals 15% NEFE & 1050# rock salt. Saw good divert. Max - 1600 psig. Avg - 800 psig @ 5.3 bpm. ISIP - Vac. RD BJ. POOH w/tbg & pkr. RIH w/7" Halliburton RBP & RTTS pkr on 3 1/2" N-80 tbg. Set RBP @ 4450'. Test RBP to 1000 psig. Pulled up & set pkr @ 4202'. SDFN.
- 9/22/91 - SDFWE.
- 9/23/91 - SDFWE.
- 9/24/91 - Dropped SV & test tbg to 4000 psig. Fished SV. RU BJ. Test lines to 4000 psig. Acidized perfs 4228'-4395' w/4000 gals 15% NEFE & 1400# rock salt. Saw slight diversion. Max - 1200 psig. Avg - 500 psig @ 5.8 bpm. ISIP - 340 psig. P3 min - Vac. Released pkr & RBP. Pulled up & set RBP @ 4219'. Test to 1000 psig. Reset pkr @ 4048'. Pressure backside to 500 psig. Dropped SV. Test tbg to 4000 psig. Fished SV. Test lines to 4000 psig. Acidized perfs 4078'-4180' w/4000 gals 15% NEFE HCl & 1050# rock salt. Saw no diversion. Max - 2100 psig. Avg - 700 psig 5.5 bpm. ISIP - Vac. RD BJ. POOH w/tbg, pkr & RBP. RIH w/3 1/2" N-80 tbg open-ended to 4200'. RD PU. Drop from report, waiting on completion of facilities.

FINAL REPORT.