

- 6-06-91 - RU Wedge. Ran GR-CCL-CBL from PBTD 3970' to 3500' w/o psig on csg. Relogged from PBTD 3970' to surface w/1000# on csg. RIH w/4" csg gun & perf'd 3732-39', 52-61', 64-71', 74-84', 91-96', 3802-14', 18-22', & 33-38' w/2 JSPF (126 holes). RD Wedge. RIH w/5 1/2" Halliburton RTTS pkr & SN w/SV in place on 2 7/8" J-55 tbg. Set pkr @ 3637'. RU Western. Press annulus to 500 psig. Held OK. Press tbg to 5000 psig. Tbg psi dropped as csg psi increased (suspect collar leak). Fished SV. SD due to thunderstorm.
- 6-07-91 - SITP = 80 psig. RIH w/swab. FL = 2800'. Made 1 swab run & well swabbed down to SN @ 3733'. Waited 1 hr. 300' fluid entry. Daily rec 5 BW & trace of oil. POOH w/tbg & pkr laying down. ND BOP. NU tbg hanger flg. RD PU. SWI. Drop from report waiting on frac job.
- 9-11-91 - RU pulling unit. ND tree. NU BOP's. RIH w/5 1/2" Halliburton R-4 pkr on 2 7/8" tbg. Set pkr @ 61'. Test 2 7/8" pipe rams to 1000# - OK. POOH w/tbg & pkr. RIH w/5 1/2" Halliburton RBP on 2 7/8" tbg. Set RBP @ 61'. POOH w/tbg. Test blind rams to 1000# - OK. RIH w/2 7/8" J-55 tbg. Release RBP. Con't in hole & set RBP @ 3735'. Pickle tbg w/500 gals 15% HCl. Reverse tbg. Clean. Release RBP. SDFN.
- 9-12-91 - POOH w/tbg & RBP. Test full lubricator to 1000 psig. RU Wedge. RIH w/4" perf gun @ 90° phasing. Reperf'd 3812'-16'. 28-52', 55-59', 66-70', 76-86', 92-94', 3898-3900', 04-12' w/2 JSPF (124 holes). Total perfs - 250 RD Wedge. RIH w/5 1/2" Halliburton RTTS pkr on 2 7/8" J-55 tbg. Hydrotested tbg to 6000 psig below slips. Set pkr @ 3723'. SDFN.
- 9-13-91 - RU Western. Pressured annulus to 1000 psig. Held OK. Sand frac perfs 3812-3912' w/crosslinked gel, 66,000# 20/40 Brady Sand & 12,000# 20/40 resin coated sand. Pumped as follows:  
8000 gals crosslinked gel pad  
1000 gals crosslinked gel pad w/3 ppg 20/40 Brady  
1000 gals crosslinked gel pad w/4 ppg 20/40 Brady  
4000 gals crosslinked gel pad w/6 ppg 20/40 Brady  
5000 gals crosslinked gel pad w/7 ppg 20/40 Brady  
1000 gals crosslinked gel pad w/8 ppg 20/40 resin coated  
Flush w/gel to top perf. Max = 3350 psig. Avg = 2700 psig @ 20 BPM. ISIP = 800 psig. P5 = 750 psig. P10 = 750 psig. P15 = 750 psig.
- 9-14-91 - SITP = 0 psig. RIH w/swab. FL = 1000' FS. Made 11 swab runs & recov'd 42 BW. FL = 2800 FS. Started recovering frac gel & sand. SDFN.
- 9-15-91 - SITP = 0 psig. RIH w/swab. FL = 2200' FS. Made 6 swab runs & recov'd 40 BW. FL = 2200' FS. Started rec frac sand. Gel appears to have broken. Released pkr & POOH. RIH w/4 3/4" bit & x-over sub on 2 7/8" J-55 tbg. Tagged @ 3916' (perfs - 3812-3912'. PBTD - 3970). RU stripper head & Baker tbg swivel (rotating head). Kill truck. Reversed circ out frac sand to PBTD of 3970'. Reversed tbg clean. SOOH w/tbg & bit. SDFN.

(Continued on Page Three)