

communication after 1,200 gals., con't treatment and balled out w/ max. psr. 4000#, ISIP.-vac., unseat pkr. RIH. and retrieved RBP, POH. w/ pkr. and RBP., RIH w/ 5 1/2" full bore tension pkr. and set at 5629' above all perfs. Prep frac perfs 5736' to 6383 using stages of rock salt as diverter.

- 1/15/88 SITP. - 400 psi, very good gas, RIH. w/ swb., FL.@ 5000' Hung swb. in s.n. and pulled off swb. line, unseat pkr. and and POH. and recovered swab, last 10 stns. of tbg. filled w/ 100% oil, RHI w/ pkr. on 2 7/8" tbg. and set at 5630', fraced well w/ 60,000 gals. Min-Max II-40B and 77,000# 20/40 w/ 1000# Rock Salt Block average rate 24b/m at 5300# T.P. Good blk indications, ISIP - 1620 psi, 15 min- 1300 psi., shut well in for stablization at 1:30pm., est. 2,000 bbls. load to be recovered.
- 1/16/88 SITP. - 420 psi., swabbed total of 128 bbls. load wtr., last hr. swabbed 8.65 bbls. load wtr., w/ 5% oil w/fair gas. SDFN. at 5:30 p.m.
- 1/17/88 Shut down for Sunday.
- 1/18/88 SITP. 480#. Flowed 14.81 bbl. oil, 1 hr. Unseat pkr. POH. laying down 2 7/8" tbg. Tbg. unscrewed from s.n. leaving pkr.in hole. RIH. w/ 2 3/8" tbg., screw into sn., packer stuck in hole. Rsvd. 40 bbls. 2% KCL down casing. Move packer 4', tbg. parted @ 50,000# @ 370'. RIH w/ 2 3/8" o.s. Unable to catch tbg. SDFN @ 6:00.
- 1/19/88 SITP. 100#. RIH w/ 4 11/16 o.s w/ 3/16" slips. Fish 2 3/8" tbg. POH. laying down 2350' corkscrewed 2 3/8" tbg. Lay down tension pkr. RIH w/ hydrostatic bailer on 2 7/8" tbg. Wash 40' sand from RBP. POH w/ RBP. Layed down 2 7/8" tbg. SDFN @ 6:00.
- 1/20/88 Rig Testers Inc. up & tested 2 3/8" tbg. @ 5000#. Tag frac sand @ 6698' (117' high) POH. prep to run hydrostatic bailer to remove sand in a.m. SDFN @ 5:00.