

- 8/22/90 - RIH w/5 3/4" csg swage, 4 3/4" bumper sub, 4 3/4" hydraulic jars & 6-4 5/8" drill collars on 2 7/8" N-80 tbg, swage out csg @ 2133'. POOH w/tbg & tools. RIH w/6 3/16" csg swage, 4 3/4" bumper sub, 4 3/4" hydraulic jars & 6-4 5/8" DC's on 2 7/8" N-80 tbg. Swage on tight spot 2133' to 2139' for 2 hrs. Swage dragging through tight spot. POOH w/tools & tbg. RIH w/6 1/8" bit, 4 3/4" bumper sub, 4 3/4" hydraulic jars & 6-4 5/8" DC's on 2 7/8" N-80 tbg. Could not feel tight spot @ 2133'-2139'. Con't in hole tagged @ 3727'. POOH w/tools & tbg. SDFN. Waiting on 7" Halliburton packer type RBP.
- 8/23/90 - RIH w/7" pkr RBP & RTTS pkr on 2 7/8" N-80 tbg. Set RBP @ 3606'. Set pkr @ 3575'. Test RBP to 500 psig. Held OK. Psi backside to 500#. Psi bled off to 0# in 1 1/2 mins. Located csg leak between 1921' & 1952'. Est rate into csg leak of 1/4 bpm @ 1000 psig. POOH w/tbg, pkr & RBP. RIH w/6 1/8" bit & 6-4 5/8" drill collars on 2 7/8" N-80 tbg. Tag @ 3727'. Circulate hole w/2% KCl water. Recov'd 45 BO. Pulled bit into cased hole. SDFN.
- 8/24/90 - Pumped 45 bbls 2% KCl water & broke circulation. DO fill, cmt, & formation from 3727' to 3860'. Reverse tbg clean. POOH w/tbg, DC's & bit. SWI. SDFN.
- 8/25/90 - RIH w/Halliburton RTTS pkr & SN on 2 7/8" N-80 tbg. Set pkr @ 3603'. RU Dowell Schlumberger. Dropped standing valve. Pressure tbg to 5000 psig. Held OK. Fished SV. Acidized open hole 3667'-3850' w/ 6500 gals 20% NEFE HCl acid. Used 2000# rock salt for divert. Pumped two 1625 gal stages. Last stage of acid 3250 gals. Saw slight block action. Flush w/2% KCl water. Max press 1450 psig. Avg press 1250 psig @ 8 bpm. ISIP = 370 psig. Vacuum on 3 mins. RD DS. RIH w/swab. FL = 800' from surface. Made 11 swab runs in 3 hrs. Recov'd 53 BW. Final FL = 2000 FS. SDFN.
- 8/26/90 - SITP = 100 psig. RU swab. Starting FL 1800' FS. Made 38 swab runs in 11 hrs. Final FL 2000' FS. Recov'd 7 BO & 234 BW. SWI. SDFN.
- 8/27/90 - SD for Sunday.
- 8/28/90 - POOH w/tbg & pkr. RU Wedge Wireline. RIH w/4" perf gun. Made 2 runs & perf'd 7" csg from 3616'-28' & 3634'-48' w/2 JSPF (54 holes). On third run could not get perf gun past 2133'. POOH & RD wedge. RIH w/5 3/4" csg swage, 4 3/4" bumper sub, 4 3/4" hyd jars & 6-4 3/4" drill collars on 2 7/8" N-80 tbg. swage out tight spot @ 2133'. POOH w/tbg & tools. RIH w/6 3/16" csg swage, 4 3/4" bumper sub, 4 3/4" hyd jars & 6-4 3/4" drill collars. Swage through tight spot @ 2133'. Tight spot would not completely swage out. Pull swage to 2073'. SDFN.

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