

- 6/09/91 - 3828'. Made 3 runs w/dump bailer dumping 900# hydromite. Tagged @ 3824'. Dumped 3 sx sand. SDFN.
- 6/10/91 - SD for Sunday.
- 6/11/91 - RIH w/slickline & tagged @ 3817' (lost 7' hole). Dumped 2 cu yds of pea gravel. Tagged @ 3818'. Dumped 250# hydromite. Tagged @ 3810'. RD slickline. SDFN.
- 6/12/91 - RIH w/Halliburton 7" RTTS pkr on 2 7/8" J-55 tbg. Set pkr @ 3677'. RU Western. Pressured annulus to 500 psig. Held OK. Est rate of 2 BPM @ 800 into open hole 3709'-3810'. Acidized open hole w/3500 gals 15% NEFE acid. Used 600 rock salt for divert. Saw 200 psig increase on 1st block & 400# increase on 2nd stage of block. Max press = 1000 psig. Avg press 800 psig @ 5 bpm. ISIP = 300 psig. P5 = 200 psig. P10 = 100 psig. P15 = 50 psig. RD Western. RIH w/swab. FL @ surface. Swabbed 67 BW & tr of oil in 5 hrs. FL stabilized 1700'. SDFN.
- 6/13/91 - SITP = 120 psig. IFL = 1500' FS. Made 15 swab runs & recov'd 56 BW. FFL = 2800' FS. RD PU. Drop from report.
- 10/06/91 - Last report 6/13/91. RU PU. SOH w/2 7/8" J-55 tbg. SDFN.
- 10/07/91 - SD for Sunday.
- 10/08/91 - FOOH w/tbg. Test BOP, blind rams & 2 7/8" rams to 500 psig w/Halliburton R-4 pkr & RBP. Test full lubricator on ground to 1000 psig. RU Wedge. Ran GR-CCL strip log tie in. Tagged @ 3793'. POOH w/logging tools. RIH w/4" perf gun. Perf Lower 7 Rivers @ 3602'-08', 23-25', 28-31', 40-52', & 70-83' w/4 JSPF (144 holes). POOH & RD Wedge. RIH w/7" Halliburton RBP w/ball catcher & RTTS pkr on 2 7/8" J-55 tbg. Set RBP @ 3699'. Test RBP to 1000 psig. Pulled up & reset pkr @ 3491'. Loaded backside & pressured to 5000 psig. Held OK. Bled off pressure. SDFN.
- 10/09/91 - RU Western. Dropped SV & test tbg to 4000 psig. Fished SV. Test lines to 5500 psig. Acidized Lower 7 Rivers perfs 3602-3683' w/3000 gals 15% NEFE & 200-7/8" RCN balls. Saw slight ball action. Max - 950 psig. Avg - 850 psig & 4 bpm. ISIP - 40 psig. P5 min - 200 psig. P10 min - 50 psig. P15 min - 0 psig. RD Western. Waited 1 hr. Released pkr & RBP. POOH w/same. RIH w/Halliburton 7" RTTS pkr on 2 7/8" J-55 tbg. Hydro-test tbg to 6000 psig below slips. Set pkr @ 3491'. Load & pressure backside to 500 psig. SDFN.
- 10/10/91 - No report. Western held up on previous job with mechanical problems.

(Continued on Page Three)

10/11/91 - RU Western. Test lines to 7000 psig. Sand frac Lower 7 Rivers perfs 3602-3683' & open hole - Queen - 3709-3810' w/76,500# 20/40 Brady sand tailed in w/resin coated sand & 32,265 gals cross-linked gel. Pumped job as follows:

- 14,000 gals cross-linked gel pad
- 2,000 gals cross-linked gel w/2 ppg 20/40 Brady
- 3,000 gals cross-linked gel w/3 ppg 20/40 Brady
- 4,000 gals cross-linked gel w/4 ppg 20/40 Brady
- 5,000 gals cross-linked gel w/5 ppg 20/40 Brady
- 2,500 gals cross-linked gel w/6 ppg 20/40 Brady
- 1,765 gals cross-linked gel w/6 20/40 resin coated
- 900 gals cross-linked gel Flush

Blender plugged up while pumping resin coated sand. Scheduled to pump 2500 gals & 15,000#. Only pumped 1765 gals & 7500#. Max - 3400 psig. Avg - 2430 psig @ 22.1 bpm. ISIP = 490 psig. P5 min - 450 psig. P10 min - 400 psig. SWI. RF Western.

10/12/91 - SITP = 0 psig. RIH w/swab. SFL @ 2000' FS. Made 18 swab runs in 5 hrs. Recov'd 46 BW. EFL @ 3500'. POOH w/pkr. RIH w/hydrostatic bailer on 2 7/8" tbg. Tagged @ 3800'. Bailed out frac sand to 3810' (tbg tally). POOH w/bailer. RIH w/2 7/8" prod tbg. SDFN.

10/13/91 - ND BOP. NU tree. RIH w/1 3/4" bore rod pump on 3/4" x 7/8" steel rods. Well pumped up. Left well pumping to frac tank. RD.PU.

10/14/91 - Well pumped 0 BO & 81 BW in 16 hrs.

10/15/91 - Well pumped 1 BO & 105 BW & 20 MCFPD in 24 hrs. SHut well down. Tied flow line into battery.

FINAL TEST.