

- 9/04/91 - RU Western. Loaded tbg w/wtr. Formation would not break @ 4000'. Spotted 250 gals 15% NEFE acid. Broke perfs 3884-3906' @ 3500 psig. Est rate 3.5 bpm @ 800 psig. Acidized perfs w/total of 2000 gals 15% NEFE & 40-7/8" ball sealers for divert. Balled out w/1350 gals acid & 30 balls on form. Surge balls & finish pumping acid @ 4 bpm @ 1450 psig. Max - 3500 psig. Avg = 1800 psig @ 3.5 bpm. ISIP = 400 psig. Well on vac in 4 1/2 min. Waited 1 hr. RIH w/swab. FL = 1500'. Made 33 swab runs in 8 hrs. Recov'd tr of oil & 165 BW. EFL - scattered from 2500' to 3500'. SDFN.
- 9/05/91 - SITP = 425 psig. Blew to 0 psig. No flow. RIH w/swab. FL @ 2500'. Made 26 swab runs in 8 hrs. Recov'd 17 BO & 114 BW. EFL = 1900'. SDFN.
- 9/06/91 - POOH w/tbg & pkr. RIH w/5 1/2" Halliburton RBP & RTTS pkr on 2 7/8" J-55 tbg. Hydrotested tbg to 6000 psig below slips. Set RBP @ 3876' & tested to 2000 psig. Held OK. Pulled up & reset pkr @ 3640. Dumped 2 sx sand on RBP. SDFN.
- 9/07/91 - RU Western. Pressured annulus to 1000 psig. Sand frac perfs 3732'-3838' as follows:
71 bbls - pad
27 bbls - w/3 ppg 20/40 sand
28 bbls - w/4 ppg 20/40 sand
121 bbls - w/6 ppg 20/40 sand
20 bbls - w/7 ppg 20/40 sand
Tagged frac. Formation started screening out w/6# on formation. Flushed to top perf. Total sand in form 38,000#. Max press = 3200 psig. Avg press = 2700 psig @ 20 bpm. ISIP = 1150 psig. P5 = 1020 psig. P10 = 980 psig. P15 = 960 psig. RD Western. SWI.
- 9/08/91 - SITP = slight blow. RIH w/swab. Tagged fluid @ 1900'. Made 16 swab runs & recov'd 35 & tr of oil. FL @ SN. Waited 1 hr. 200' fluid entry. POOH w/tbg & pkr w/overshot f/RBP on 2 7/8" tbg. Tagged sand @ 3838'. Reversed sand out to RBP. Released RBP & POOH. RIH w/killstring. SDFN.
- 9/09/91 - SD for Sunday.
- 9/10/91 - POOH w/killstring. Set full lubricator to 1000 psig. RU Halliburton Logging Serv. Ran Tracerscan Log from 3950'-3500'. POOH & RD HLS. RIH w/2 7/8" prod string. RIH w/1 3/4" bore rod pump & 3/4" steel sucker rods. SDFN.
- 9/11/91 - FIH w/rods & pump. Hung well on. RD pulling unit. Left well pumping to frac tank.
- 9/12/91 - Well not pumping. Lowered rod pump. Left well pumping to frac tank.

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