

09/28/91 RU Western. Dropped SV & test tbg to 4000 psig. Fished SV. Test lines to 4800 psig. Acidized openhole 3676-3840' w/2000 gals 15% NEFE HCl & 900# rock salt. Good diversion. Max - 1000 psig. Avg - 800 psig @ 5.1 bpm. ISIP - 500 psig. P5 min - 300 psig. P10 min - 150 psig. P11 min - 0 psig. RD Western. POOH w/pkr. RIH w/4 1/16" hydrostatic bailer on 2 7/8" tbg. Tagged @ 3802'. Cleaned out rock salt & tagged hydromite @ 3825' (tbg tally). POOH w/bailer. RIH w/50 jts 2 7/8" killstring. SDFN.

09/29/91 POOH w/killstring. RIH w/5 1/2" Halliburton RTTS on 2 7/8" J-55 tbg. Hydrottested tbg to 6000 psig below slips. Set pkr @ 3559'. Loaded backside. RU Western. Test lines to 7800 psig. Frac openhole 3676-3840' w/33,000 gals crosslinked gel, 69,000# 20/40 Brady Sand & 15,000# resin coated sand. Pumped as follows:

14,000	gals	crosslinked	gel	pad		
2,000	gals	crosslinked	gel	pad	w/2 ppg	20/40 Brady
3,000	"	"	"	"	w/3 ppg	"
4,000	"	"	"	"	w/4 ppg	"
5,000	"	"	"	"	w/5 ppg	"
2,500	"	"	"	"	w/6 ppg	"
2,500	"	"	"	"	w/6 ppg	resin coated
895	"	"	"	"	flush	

Max - 3200 psig. Avg - 2800 psig @ 20.0 bpm. ISIP - 2000 psig. P5 min - 1 P10 min 1600 psig. P15 min 1100 psig. RD Western. SWI f/frac to cure.

09/30/91 SDFWE.

10/01/91 SITP - Slight blow. RIH w/swab. FL - 1600' FS. Made 14 swab runs in 4 hrs recov'd 65 BW. EFL - 2400' FS. Released pkr & POOH. RIH w/4 1/16" hydros bailer on 2 7/8" J-55 tbg. Tagged @ 3757'. Bailed out frac sand to 3802'. w/tbg & bailer. RIH w/2 7/8" prod tbg. ND BOP. NU tree. SIH w/1 3/4" bor pump on 3/4" sucker rods. SDFN.

Tubing Record

KB	12.00'
113 jts 2 7/8" 8R J-55 C-1	3480.74'
1 - 7" Baker TAC	2.75'
6 jts 2 7/8" 8R J-55 C-1	
1 - 2 7/8" API SN	
1 - 2 7/8" slotted orang	

10/02/91 FIH w/pump, 3/4" & 7/8" sucker rods. RD PU. Left well pumping to frac tank
 Rod string: 48 - 7/8" steel sucker rods
 97 - 3/4" steel sucker rods
 2 1/2" x 1 3/4" x 16' x 17' x 18' RHBC pump

10/03/91 Well pumped 0 BO & 158 BW in 20 hrs.