LANGLIE JAL UNIT NO. 38 WIW
660' FNL & 660' FEL, Section 5
T-25-S, R-37-E
Lea County, New Mexico

RE-FRACTURE STIMULATE

1. Shut injection well in. Flow back until dead.

2. ND wellhead. NU BOP's. Release Baker Lok-Set packer set at 3286'. POH with 105 jts 2-3/8" EUE 8rd J-55 4.7# IPC tubing and packer. Tag TD with depthometer to assure all perforations are open.

3. Pick-up treating packer and 2-7/8" 6.5# EUE 8rd N-80 tubing. RIH to ±3280'. Hydrotest tubing to 6000 psi. Set packer at 3280'. Load backside with 52 Bbls LJU lease water. Pressure test backside to 500 psig and hold for 15 minutes. Prepare to frac well in the morning.

4. Fracture stimulate the Seven-Rivers Queen with 16.000 gallons XL gel* and 40,000 pounds 20/40 Brady Sand. Fracture stimulate via 2-7/8" tubing at 25 BPM. Treatment schedule as follows:

   A.   8,000 gallons XL gel as pad.
   B.   2,000 gallons XL gel with 2 ppg 20/40 Brady Sand.
   C.   2,000 gallons XL gel with 4 ppg 20/40 Brady Sand.
   D.   2,000 gallons XL gel with 6 ppg 20/40 Brady Sand.
   E.   2,000 gallons XL gel with 8 ppg 20/40 Brady Sand.
   F.   Flush to top perf with 20 Bbls linear gel.
   G.   Shut-in well overnight.

   Expected rate and pressure: 25 BPM at 4400 psig.
   Maximum treating pressure: 5000 psig.

5. Release treating packer and POH with 2-7/8" workstring.

6. RIH with muleshoe on 2-7/8" EUE 8rd 6.5# N-80 workstring. Rig-up reverse unit. Clean well out to T.D. at 3691'.

7. POH with muleshoe laying down 2-7/8" EUE 8rd 6.5# N-80 workstring.

8. RIH with Baker Lok-set packer and 105 jts 2-3/8" EUE 8rd J-55 4.7# IPC tubing. Load backside with packer fluid. Set packer at 3286'.

9. ND BOP, NU wellhead. Return well to injection.

10. RDMOSU.

11. Monitor injection rates and pressure.

REP/ejw
4:rep00066
02/28/91

* FLUID SPECIFICATIONS

16,000 Gallons Cross-Linked 2% KCL Water

40	ppt	Guar	(refined)
167	ppt	KCl	(2% dissolved)
1	gpt	Non-Emulsifier	(non-ionic)
.5	ppt	Biocide	(if needed)
20	ppt	Adomite Aqua	

PLUS

Borate Crosslinker (as required)
Breaker   (as required)
Buffer   (as required)