

**CARLSON FEDERAL #1
JUSTIS FIELD
LEA COUNTY, NEW MEXICO**

9. Release packer and run through perfs to knock off balls. PU to 3,025' and re-set packer. Load and monitor 500 psi on backside.
10. RU to fracture stimulate with 50-Quality CO₂ down 2 7/8" workstring. RU stimulation valve and bleed-off line with choke to flow back well. Test all surface lines to 6,000 psi.
11. Frac well with 30,000 gals of 50% CO₂ foam and 76,000# of 12/20 Brady (ramp) sand as follows:

<u>Stage</u>	<u>Foam (gal)</u>	<u>Wellhead (sand ppg)</u>
Pad	13,000	0.0
1	5,000	2.0
2	5,000	4.0
3	5,000	6.0
4	2,000	8.0
Flush	±800	0.0

Anticipated Rate: 25 BPM
Anticipated Pressure: 4,600 psi
Maximum Pressure: 6,000 psi

12. Flow back well immediately on a 16/64" choke. Increase choke size as needed and flow well to pit overnight.
13. Kill well with a minimal volume of 2% KCl water. ND frac valve. Release packer and POOH laying down 2 7/8" workstring.
14. Hydrotest into hole to 4,000 psi with notched collar and SN on 2 3/8", 4.7# J-55 production tubing and tag fill. RU foam air unit and clean out well to 4,650'. Pick up production tubing to ±3,110'. Hang off tubing at ±3,110'.
15. ND BOP. NU wellhead. Swab well in and flow to pit overnight. If well does not flow, RIH with 2" X 1 1/4" X 14' pump, 2,750' of 5/8" Norris 90, and 360' of 3/4" Norris 90 rods. Land and space out pump. RDMO service unit.
16. Turn well over to production. Report test volumes in well test system for two weeks.

Approved: _____

Hal Lee

Date: _____

8/28/95