

Pecos Fed. No. 4
Brushy Draw Field
Eddy County, New Mexico

Project Engineer: K. L. Midkiff

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1. MIRU PU, ND WH, NU BOP. POOH with rods, pump and tubing.
2. RIH with casing scraper to PBTD. POOH. RIH with treating packer to $\pm 4750'$. Mix three drums of Tretolite SP307M (scale inhibitor) with 30 bbl of 2% KCl water and 5 gallons of RP-2336 (demulsifier). Squeeze Cherry Canyon zone with scale inhibitor mixutre at 1 BPM. Overflush with 20 bbl of 2% KCl water. With packer set, test annulus to 3500 psi. Release packer and POOH. (This step may be deleted based on water analysis).
3. Set CIBP at 4860'. RIH with 2 1/2" casing guns and perforate 2 SPF at 4796'-4813' (34 shots). POOH with wireline.
4. RIH with treating packer to ± 4690 and set packer. MIRU stimulation company. NU surface lines and test to 4000 psi. Breakdown perforations with 1000 gallons of 2% KCl water (with scale inhibitor) and 54 7/8" RCNBS (Sp. Gr. = 1.3). Release packer and knock off balls. POOH.

Treatment Rate =	3.5 BPM
Anticipated Pressure =	2500 psi
Maximum Pressuer =	3500 psi

5. Fracture stimulate Upper Cherry Canyon down casing with 13000 gallons of 35 lb x-linked borate gel and 49000 lbs of 12/20 mesh Ottawa sand. Pump at 20 BPM

Treatment Rate =	20 BPM
Anticipated Pressure =	1000 psi
Maximum Pressure =	3500 psi

<u>Stage</u>	<u>Fluid</u>	<u>ppg</u>	<u>Volume (Gal)</u>
Pad	35# x-link	0	4500
1	35# x-link	1-8 (Ramp)	8500
Flush	Base Gel	0	3100

Shut well in for 6 hours, then start to flow back.

6. RIH with shoe and knock out CIBP. Clean out to PBTD. RIH with MA, PN, SN and tubing to 4750'. Run pump, stanly filter and rods and hang on pump-jack. Production personnel will lower tubing in 10 days. Report rates to Midland office.

Approved: _____

T. J. Harrington

Date: _____