

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY J. R. Cone, 1706 Great Plains Life Building, Lubbock, Texas
(Address)LEASE Nix-State WELL NO. 4 UNIT J, Sec. 13, T-22-S, R-35-E
DATE WORK PERFORMED Jan. 30 to March 5, 1959 POOL JalmatThis is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☐ Remedial Work
☐ Plugging ☒ Other Perforating & Fracturing

Detailed account of work done, nature and quantity of materials used and results obtained. Cleaned out to 3834 feet. Jet perforated 3862-3878'; 3898-3902'; and, 3922-3926'. Broke top & middle zones by straddling with Baker packers. Unable to break bottom zone at 5000 psi. Fractured all perforations 3663 to 3902' in one operation using 50,000 gallons refined Famariass oil, 150,000 pounds sand (120,000 20/40 mesh & 30,000 10/20 mesh) and 600 pounds rock salt. Average pumping pressure down casing 2000 to 2700 psi. Average injection rate (down casing) 32.3 BPM. Hung 2-inch tubing at 3894 feet. Kicked off well with swab. Flowed back load (1998 barrels). Then flowed 39 barrels clean oil in 24 hours through 24/64-inch choke. Flowing casing pressure 425. Flowing tubing pressure 320 psi. GOR 19,182.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3599 TD 4002 PBD 3963 PB Prod. Int. 3663-3902 Compl Date _____
Tbng. Dia 2-3/8 Tbng Depth 3894' Oil String Dia 5-1/2" Oil String Depth 4002
Perf Interval (s) 3663-3667/ 3676-3696; 3710-3774; 3790-3806; 3830-3840; 3862-3878; 3898-3902.
Open Hole Interval None Producing Formation (s) Yates

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>1/20/59</u>	<u>3/5/59</u>
Oil Production, bbls. per day	<u>6</u>	<u>39</u>
Gas Production, Mcf per day	<u>133.9</u>	<u>748.2</u>
Water Production, bbls. per day	<u>None</u>	<u>None</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>22,317</u>	<u>19, 182</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
Witnessed by <u>L. O. Storm</u>	<u>J. R. Cone</u> (Company)	

OIL CONSERVATION COMMISSION

Name [Signature]
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name L. O. Storm
Position Engineer
Company J. R. Cone