

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Cities Service Oil Company, Box 97, Hobbs, New Mexico
(Address)

LEASE State "M" WELL NO. 2 UNIT L S 36 T 21 R 36
DATE WORK PERFORMED Feb. 4, 1957, to Feb. 14, 1957, incl. POOL Arrowhead

This is a Report of: (Check appropriate block) Results of Test of Casing Shut-off
 Beginning Drilling Operations Remedial Work
 Plugging Other _____

Detailed account of work done, nature and quantity of materials used and results obtained.
P.B.T.D. 3832' Lins. Tubing and packer were pulled. The well was cleaned out to 3832'. It was plugged back to 3790' with calseal and open hole above 3790' was squeezed with 100 sacks, 45 sacks in formation, reversed out 40 sacks and 15 sacks left in casing. Cement was allowed to set 24 hours. Cement and calseal were drilled out to 3832'. Ran 7 joints (154.43') 4" OD liner set at 3832' and cemented with 20 sacks regular cement. Cleaned out to 3831'. Perforated from 3831'-3805' (26') with 4 jet shots per foot. Ran 3617.89' of 2 1/2" EUE tubing and 177.66' of 2" regular tubing. Acidized with 500 gallons of mud acid and 1000 gallons of 15% regular acid. Swabbed 150 barrels and the well started flowing. Recovered load plus 24 barrels. The well was then tested with results as shown below.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. _____ TD _____ PBD _____ Prod. Int. _____ Compl Date _____
Tbng. Dia _____ Tbng Depth _____ Oil String Dia _____ Oil String Depth _____
Perf Interval (s) _____
Open Hole Interval _____ Producing Formation (s) _____

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>10-3-56</u>	<u>2-14-57</u>
Oil Production, bbls. per day	<u>32.59</u>	<u>71.2</u>
Gas Production, Mcf per day	<u>750</u>	<u>689</u>
Water Production, bbls. per day	<u>1.8</u>	<u>-0-</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>199.52</u>	<u>9677</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>

Witnessed by Stanley E. Woodruff

Cities Service Oil Company
(Company)

OIL CONSERVATION COMMISSION

Name E. J. Fischer
Title _____
Date _____

I hereby certify that the information given above is true and complete to the best of my knowledge.
Name [Signature]
Position District Superintendent
Company Cities Service Oil Co.