

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Cities Service Oil Company

(Address)

LEASE State M WELL NO. 1 UNIT M S 36 T 21-S R 36-E
DATE WORK PERFORMED 11-21 to 12-29-57 POOL Arrowhead

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other Clean out, run log, plug back, squeeze, perforate & acidize

Detailed account of work done, nature and quantity of materials used and results obtained.

State M #1 was producing 40 BO/Day, 4 BW, GOR 13,875, w/Allow. 9 BO. Ran Gamma Ray-Neutron log, TD 3840'. Plug back 3803 w/Calseal open hole squeeze w/100 sacks. Drilled out Calseal to 3836', Ran 5" OD 15# Liner 5 jts. (173.91') w/Brown hanger set at 3836 (top of liner @ 3662', R.B. Measurement). Cemented w/25 sacks reg. circ. out 12 sacks. Perf. 4 jet shots/ft. 3802-3808 (6') 3814-3832 (18') Total 24' - 96 holes. Ran 2 1/2" bbg. (7 jts. 2" on bottom) (3808.21) set at 3817. Acidized w/1000 gal. mud acid. All lead has now been recovered and a C-116 is being submitted to increase the allowable according to its present productive capacity.

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	10-15-57	12-29-57
Oil Production, bbls. per day	40	66
Gas Production, Mcf per day	555	535
Water Production, bbls. per day	4	6
Gas-Oil Ratio, cu. ft. per bbl.	13875	8100
Gas Well Potential, Mcf per day	-	-
Witnessed by <u>E. H. Furrey</u>	<u>Cities Service Oil Company</u>	

(Company)

OIL CONSERVATION COMMISSION

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

Name E. H. Furrey

Name E. H. Furrey

Title _____

Position Dist. Engineer

Date _____

Company Cities Service Oil Company