

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 35

COMPANY Humble Oil & Refining Company Box 2347, Hobbs, New Mexico
(Address)

LEASE N. M. State AP WELL NO. 2 UNIT I S 27 T 10-S R 32-E

DATE WORK PERFORMED 9-14 to 9-18-55 POOL Mescalero-Denarian

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

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

Run 273' joints, 9874.30' set at 9886'. Cemented with 150 sacks regular neat cement with 15.8# slurry. Plug on bottom at 1:00 P.M. 9-14-55, re-cemented through MOWCO DV tool at 9110' with 1050 sacks 12% gel and 1/4# Kembrake per sack with 12.4# slurry and 100 sacks regular neat cement with 15.8# slurry. Plug on bottom at 7:00 P.M. 9-14-55. Maximum pressure 1300#, final pressure 2300#. Temperature survey indicated top of cement at 4560'.

Tested DV tool with 1500# GMP, drilled cement to 9884' and tested casing with 1500# GMP for 30 minutes. Test O.K. No drop in pressure. Perforated with 4 jet shots per foot from 9850 to 9882. Washed perforations with 500 gallons 15% L.T. acid, pressures 3500 to 4400, injection rate 2 barrels per minute.

Well flowed 404.50 barrels fluid, 4% BS&W in 7 hours.

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	_____	_____
Oil Production, bbls. per day	_____	_____
Gas Production, Mcf per day	_____	_____
Water Production, bbls. per day	_____	_____
Gas-Oil Ratio, cu. ft. per bbl.	_____	_____
Gas Well Potential, Mcf per day	_____	_____
Witnessed by <u>J. F. Magee</u>	<u>Humble Oil & Refining Company</u> (Company)	

OIL CONSERVATION COMMISSION

Name C. M. Kinder
Title Engineer District 1
Date SEP 20 1955

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

Name W. M. Rogers
Position Agent
Company Humble Oil & Refining Company