

NEW MEXICO OIL CONSERVATION COMMISSION

MISCELLANEOUS REPORTS ON WELLS

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

COMPANY SIGNAL OIL & GAS CO. ET AL - 1010 FT. WORTH NAT. BANK BLDG., FORT WORTH, TEXAS
(Address)

LEASE TEKILL-STATE WELL NO. 1 UNIT H S 5 T 16-S R 38-E
DATE WORK PERFORMED see below POOL SOUTH DENTON DEVONIAN

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.

Nov. 11, 1956 Squeezed original perforations 13142' - 13204' with total of 196 sacks cement.
to Perforated 4 jet shots/foot 13130' - 13136'. Acidized with 250 gals. mud acid.
Dec. 15, 1956 Swabbed 109 bbls., cutting 92% water.
Squeezed perforations 13130' - 13136' with 25 sacks cement. Max. pres. 7100#.
Perforated 4 jet shots/foot: 13120' - 13124'. Swabbed 49 bbls. fresh water &
1 bbl. oil in 48 hrs.
Perforated 4 jet shots/foot 13090 - 13120. Set model "D" production packer
13075' and landed tubing at 13097'. Swabbed dry. Acidized perforations
13090 - 13124 with 500 gals. mud acid and 5,000 gals. regular acid.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3753' TD 13370 PBD 13298 Prod. Int. _____ Compl Date 3/23/56
Tbng. Dia 2" EUE Tbng Depth 13037 Oil String Dia 5-1/2" Oil String Depth 13,370'
Perf Interval (s) 13142 - 13204
Open Hole Interval - Producing Formation (s) Devonian

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test		<u>12/20/56</u>
Oil Production, bbls. per day	<u>Loaded with water</u>	<u>91</u>
Gas Production, Mcf per day		<u>202</u>
Water Production, bbls. per day		<u>556</u>
Gas-Oil Ratio, cu. ft. per bbl.		<u>2220</u>
Gas Well Potential, Mcf per day		<u>-</u>

Witnessed by N. E. Godbe SIGNAL OIL AND GAS COMPANY
(Company)

OIL CONSERVATION COMMISSION

Name E. J. Fischer
Title Inspector
Date JAN 14 1957

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

Name J. V. Pollock
Position Petroleum Engineer
Company Signal Oil and Gas Company