

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

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

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

LEASE N. M. State G WELL NO. 4 UNIT G S 26 T 21S R 36E  
DATE WORK PERFORMED 11-26-55 to 1-15-56 POOL Arrow

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.  
Set pcr. at 3770'. Treated thru perforations in 5-1/2" casing from 3784 to 3860'. Loaded tubing with 29 bbls. Broke formation down with 30 bbls. lease oil. Treated with 20,000 gals. ref. oil and 30,000# of 20/40 sand. Flushed with 54 bbls. and overflushed with 246 bbls. lease oil. Mx. press. 4200#, min. press. 3000#. Overall inj. rate 19 bbls. per min. Washed perforations in casing from 3580 to 3612 and 3644 to 3754 with 500 gallons MOWCO 15% L. T. acid. Broke formation down with 30 bbls. lease and 20,000 gallons refined oil and 30,000# 20/40 mesh sand. Flushed with 80 bbls. and overflushed with 160 bbls. lease oil. Max. press. 3000 and min. 2700. Inj. rate 20.3 bbls. per min. Flowed 7 hours on 3/8" ck. and produced oil at rate of 17.1 bbls./day, gas 1,700 Mcf/day. On 1/4" ck. flowed 21.5 hours and made oil at rate of 1.4 bbls./day and gas of 1,416 Mcf per day. Gas Well.

FILL IN BELCW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3554 TD 3888 PBD 3863 Prod. Int. 3580-3612 Compl Date 10-23-52  
Tbng. Dia 2 Tbng Depth 3707 Oil String Dia 5-1/2 Oil String Depth 3888  
Perf Interval (s) 3580-3612; 3644-3744  
Open Hole Interval - Producing Formation (s) Queen

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>4-13-55</u>	<u>1-12-56</u>
Oil Production, bbls. per day	<u>4.19</u>	<u>1.4</u>
Gas Production, Mcf per day	<u>132.20</u>	<u>1416</u>
Water Production, bbls. per day	<u>.67</u>	
Gas-Oil Ratio, cu. ft. per bbl.	<u>31,551</u>	<u>1,011,429</u>
Gas Well Potential, Mcf per day		<u>1416</u>
Witnessed by <u>[Signature]</u>	Humble Oil & Refining Company (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 [Signature]  
Position Agent  
Company Humble Oil & Refining Company