Form C-103
(Revised 3-55)

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Humble Oil & Refining Co.
(Address)

LEASE M. M. State M WELL NO. 4 UNIT C S 19 T 22-S R 37-E

DATE WORK PERFORMED 11-9-55 to 12-11-55 POOL Artesia

This is a Report of: (Check appropriate block)

- ☐ Beginning Drilling Operations
- ☐ Plugging
- ☐ Results of Test of Casing Shut-off
- ☒ Remedial Work
- ☐ Other

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

On 11-9-55 set Lynes Straddle packers at 3672 and 3690'. Loaded hole with lease oil, broke formation down with 30 barrels at 3800# pressure, started in with frac, pumped in 50 bbls. with 1# sand per gal., top packer started leaking at 3000#. Flushed tbg. w/lease oil, released packers, pulled up and reset same at 3649-3667', got communication with 2,000#. On 11-10-55 set Lynes formation packer 3610-3690'. Treated formation with Dowell. Ran 1,000 gallons 15% L. T. acid ahead of frac and fraced with 20,000 gallons refined oil and 30,000# 20/40 mesh sand, 1-1/2 lb./gal. Flushed with 2½ bbls. and overflushed with 212 barrels lease oil. Maximum pressure 4100#, minimum pressure 3100#.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3427 TD 3714 PBD _____ Prod. Int. 3578-3714 Compl Date 10-25-40

Tbng. Dia 2" EUE Tbng Depth 3586 Oil String Dia 5½ Oil String Depth 3578

Perf Interval (s) _____

Open Hole Interval 3578-3714 Producing Formation (s) Queen

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	7-12-55	12-12-55
Oil Production, bbls. per day	2	32
Gas Production, Mcf per day	8	2518
Water Production, bbls. per day	0	8
Gas-Oil Ratio, cu. ft. per bbl.	7204	78,687
Gas Well Potential, Mcf per day		

Witnessed by H. B. Parkum, Farm Boss — Humble Oil & Refining Co. (Company)

OIL CONSERVATION COMMISSION

Name C. M. Ludes

Title _____

Date _____

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

Name M. M. Morgan

Position Agent

Company Humble Oil & Refining Co.

mcb