DUPLICATE

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., Box 2347, Hobbs, N. M.
(Address)

LEASE N. M. State AK WELL NO. 1 UNIT K S 32 T 18S R 37E

DATE WORK PERFORMED 6-7-56 to 7-15-56 POOL Arrows

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.

Perforated 5-1/2" casing from 3620 to 3630 and 3650 to 3710' w/ 4 KSM jet shots per foot. Broke perforations with 1000 gallons special L. T. acid - max. & min. pressures 280 & 260#. Broke formation down with 20 barrels lease oil, treated with 20,000 gallons refined oil and 30,000# 20/40 mesh sand. Flushed with 90 barrels and overflushed with 60 barrels lease oil - max. & min. pressures 3300 & 3200#. Treated formation with 1000 gallons Dowell 15% L. T. acid through perf. from 3620-3655 and 3680 to 3730' - max. & min. pressures 3500 & 3400#. Treated perforations with Dowell Co. 20,000 gallons refined oil and 30,000# 20/40 mesh sand. Flushed with 90 barrels & overflushed with 60 barrels lease oil. Max. press. 3400# & Min. 3300#. Perforated 5-1/2" casing from 3650 to 3690' with 4 jet shots per foot. Treated perforations with Western Co. 20,000 gallons refined oil and 30,000# sand, max. & min. pressures 4900 & 3800#. Flowing oil well 3830 - 3930.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3788 TD 3940 PBD 3846 Prod. Int. 3830-3910 Compl Date 10-6-55

Tbng. Dia 2" Tbng Depth Oil String Dia 5-1/2 Oil String Depth 39 37

Perf Interval (s) 3695-3710

Open Hole Interval Producing Formation (s) 3830-3930

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	3-18-56	7-25-56
Oil Production, bbls. per day	15.37	42.7
Gas Production, Mcf per day	409	736
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.	26,952	17,250
Gas Well Potential, Mcf per day		

Witnessed by W. E. Hansen — Humble Oil & Refining Company (Company)

OIL CONSERVATION COMMISSION

Name [signature]

Title Engineer District I

Date JUL 23 1956

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

Name M. M. Brown

Position

Company