

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

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

LEASE N. M. State 3 WELL NO. 21 UNIT L S 2 T 22-S R 37-E

DATE WORK PERFORMED 9-19 to 10-21-55 POOL Tubb Gas (and Elinebry Gas)

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other Dually completed by opening Tubb zone for production.

Detailed account of work done, nature and quantity of materials used and results obtained.
Set two cast iron bridge plugs at 6398 and 6150 to plug off Drinkard zone. Perforated casing with 2 jets per foot from 5815-5825, 5860-5895, 5923-5960, 6005-6090, 6060-6075, 6087-6105. Treated 6005-6150 with 3000 gallons regular LT acid, pressures 4000 to 2300#. Attempted to treat from 5860 to 5960 between straddle packers, had communications in annulus. Raised packers treated 5815-5960 with 3000 gallons regular acid, pressures 2500 to 2400#. Set cement retainer at 5486 and dumped 8' of cement above. Treated 5815-5960 with 500 gallons regular acid, followed by fracture treatment from 5815-5960 using 10,000 gallons refined oil and 10,000# sand, maximum pressure 4350#, minimum 4000#, average injection rate 7.6 BPM. Treated perforations 5450-5560 with 1000 gallons regular acid. Treated from 5815 to 5960 with 3000 gallons regular LT acid. Treated from 5815 to 5960 with 5000 gallons non-emulsifying acid. Tested Tubb zone 24 hours on 1/2" choke, produced gas at rate of 2084 Mcf per day, tubing pressure 260#, produced gas 10 barrels fluid, 3% water, gravity of condensate 53°. Now producing as follows: Tubb - 5815-5825, 5860-5895, and 5923-5960; Elinebry - 5450-5470, 5495-5520, and 5545-5600.

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 E. C. Elliott
Farm Boss

Humble Oil & Refining Company
(Company)

OIL CONSERVATION COMMISSION

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

Name C. M. Linder

Name Wm M. Rogers

Title _____

Position Agent

Date _____

Company Humble Oil & Refining Company