

Form
(Revise

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

COMPANY Gulf Oil Corporation - Box 2167, Hobbs, N. M.
(Address)

LEASE Lea State "G" WELL NO. 1 UNIT J S 2 T 15-S R
DATE WORK PERFORMED 11-20-55 - 1-13-56 POOL Denton

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Sh
☐ Beginning Drilling Operations ☒ Remedial Work
☐ Plugging ☐ Other

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

SEE ATTACHED SHEET

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3812' GL TD 12,835' PBD 12,787' Prod. Int. 12,430-12,735' Compl Date 11-11-51
Tbng. Dia 2-3/8" Tbng Depth 12,729' Oil String Dia 7" Oil String Depth 12,831'
Perf Interval (s) 12,430-12,735'
Open Hole Interval - Producing Formation (s) Devonian

RESULTS OF WORKOVER:

BEFORE AFTER

Date of Test	<u>9-1-54</u>	<u>1-3-56</u>
Oil Production, bbls. per day	<u>114</u>	<u>280</u>
Gas Production, Mcf per day	<u>73.0</u>	<u>306.9</u>
Water Production, bbls. per day	<u>49</u>	<u>Trace</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>640</u>	<u>1096</u>
Gas Well Potential, Mcf per day		

Witnessed by N. B. Jordan

Gulf Oil Corporation
(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 Area Supt. of Prod.
Company Gulf Oil Corporation

Attachment - J-103

Gulf Oil Corporation - Lea State "G" No. 1-J, 2-15-37

Squeeze cemented lower perforations, perforated additional interval and treated as follows:

1. Pulled tubing and pump.
2. Ran caliper survey from 11,374-12,787'.
3. Set Baker Model K 7" cement retainer at 12,637'. Ran 2-3/8" tubing with Baker stinger. Set stinger in retainer. Pumped 60 sacks cement down 2-3/8" tubing. Squeezed perforations in 7" casing from 12,645-12,725' with 4100#. Backwashed 1 sack cement. Pulled tubing. WOC.
4. Ran 2-3/8" tubing with Baker retrievable bridge plug and parent packer. Bridge plug set at 12,620', parent packer at 12,545'. Swabbed well dry. Treated perforations in 7" casing from 12,555-12,620' with 4000 gallons 15% NE acid. Average injection rate 2.1 bbls per minute. Swabbed and well kicked off. Flowed 44 bbls oil, no water in 22-1/2 hours.
5. Killed well. Set Baker packer at 12,545'. Spotted 250 gallons Jel Jet 99 on perforations 12,555-12,620'. Pressured to 4000#. Obtained block. Set bridge plug at 12,545', parent packer at 12,390'. Spotted acid and then treated perforations from 12,430-12,520' with 6000 gallons 15% NE acid. Swabbed and well kicked off. Flowed 43 bbls oil, 3 bbls water thru 2-3/8" tubing in 24 hours. GOR 788. (Plugged back total depth 12,632').

Verbal approval for perforating additional interval was obtained by telephone conversation between Mr. Bumpass and Mr. C. M. Rieder on 12-23-55. Work was done as follows:

1. Pulled tubing and parent packer.
2. Ran Gamma Ray Neutron survey from 11,700-12,300'.
3. Perforated 7" casing from 12,226-12,305', and 12,125-12,213' with 4, 1/2" jet holes per foot.
4. Ran tubing with Baker 7" parent packer and retrievable bridge plug. Set bridge plug at 12,340', parent packer at 12,090'. Swabbed and well kicked off. Flowed 280 bbls oil, 10 bbls BS& W in 24 hours.