

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, New Mexico
(Address)

LEASE W. D. Grimes ^{NCT-A} WELL NO. 5 UNIT M S 32 T 18-S R 38-E

DATE WORK PERFORMED 4-22 thru 5-28-57 POOL Hobbs

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

☐ Beginning Drilling Operations

☐ Remedial Work

☐ Plugging

☒ Other Ran liner, perforated and acid treated

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

SEE ATTACHED SHEET

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3631' TD 4192' PBD - Prod. Int. 4022-4192' Compl Date 9-7-30

Tbng. Dia 3" Tbng Depth 2184' Oil String Dia 7" Oil String Depth 3908'

Perf Interval (s) _____

Open Hole Interval 3908-4192' Producing Formation (s) Lime

| RESULTS OF WORKOVER: | BEFORE | AFTER |
|----------------------------------|--|----------------|
| Date of Test | <u>7-23-56</u> | <u>5-28-57</u> |
| Oil Production, bbls. per day | <u>44</u> | <u>45</u> |
| Gas Production, Mcf per day | <u>254.3</u> | <u>141</u> |
| Water Production, bbls. per day | <u>108</u> | <u>85</u> |
| Gas-Oil Ratio, cu. ft. per bbl. | <u>5780</u> | <u>3133</u> |
| Gas Well Potential, Mcf per day | _____ | _____ |
| Witnessed by <u>N. B. Jordan</u> | <u>Gulf Oil Corporation</u> (Company) | |

OIL CONSERVATION COMMISSION

Name E. F. Fischer
Title _____
Date _____

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

Name B. F. Jordan
Position Area Supt. of Prod.
Company Gulf Oil Corporation

Ran liner, perforated and acid treated as follows:

1. Pulled tubing. Ran Gamma Ray Neutron.
2. Ran 2-3/8" tubing with 8 joints 5-1/2" ID Hydrill casing liner set at 4192'. Cemented with 60 sacks cement. Pulled tubing.
3. Pressured 7" casing with 1125# for 40 minutes, OK. Perforated 7" casing at 1900' with 2, 1/2" holes. Ran 2-3/8" tubing with cement retainer at 1870'. Cemented thru perforations at 1900' with 405 sacks cement. Circulated to surface out 7" - 9-5/8" annulus. Squeezed with 1500#. Cemented 9-5/8" - 13-3/8" annulus with 95 sacks cement. Squeezed with 300#.
4. Pressured 7" casing with 1000#, 9-5/8" - 7" casing with 500# and 13-3/8" - 9-5/8" casing with 300#, OK. Ran tubing and bit, drilled cement and retainer from 1869-1925'. Ran tubing and bit to top of liner at 3840'. Cleaned out to 4189'. Pressured 5-1/2" and 7" with 1000#, OK. Pulled tubing.
5. Perforated 5-1/2" liner from 4122-4130' with 4, 1/2" jet holes per foot. Ran 133 joints 2-3/8" tubing with hookwall packer at 3814'. Swabbed dry. Treated formation thru perforations in 5-1/2" liner from 4122-4130' with 500 gallons mud acid. Swabbed and well kicked off.
6. Released packer. Pulled tubing. Ran 2-3/8" tubing with cement retainer at 4048'. Cemented thru perforations from 4122-4130' with 116 sacks cement. Pulled tubing.
7. Ran tubing and bit. Pressure 7" casing with 1000# for 30 minutes, OK. Drilled cement and retainer from 4047-4140'. Tested 5-1/2" liner with 1000# for 30 minutes, OK. Cleaned out to 4190'. Pulled tubing and bit.
8. Perforated 5-1/2" liner from 4158-4175' with 4, 1/2" jet holes per foot. Ran 133 joints 2-3/8" tubing with hookwall packer at 4136'. Swabbed dry. Treated formation thru perforations in 5-1/2" liner from 4158-4175' with 500 gallons 15% mud acid. Swabbed and well kicked off.