

NEW MEXICO OIL CONSERVATION COMMISSION  
MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106) 31

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

LEASE A. L. Christmas "C" WELL NO. 4 UNIT E S 15 T 22-S R 37-E  
DATE WORK PERFORMED Nov. 3-14, 1955 POOL Arrowhead

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☒ Other Repair of casing leak

Detailed account of work done, nature and quantity of materials used and results obtained.  
Repaired leak in 5 $\frac{1}{2}$ " casing as follows:

1. Pulled rods, pump and tubing.
2. Set 5 $\frac{1}{2}$ " Baker bridge plug at 3583'. Dumped 2 sacks cement on plug.
3. Ran HRC tool on tubing. Found leak between 430-460'. Pulled tubing and tool.
4. Perforated 5- $\frac{1}{2}$ " casing with 2,  $\frac{1}{2}$ " jet holes at 1000'.
5. Set 5 $\frac{1}{2}$ " Howco DM cement retainer at 978'. Cemented with 340 sacks cement. Cement circulated. Pulled tubing and bradenhead squeezed with 10 sacks cement at 400#. WOC.
6. Tested casing and cement with 500# for 30 minutes. No drop. Drilled cement from 928-978'. Tested with 500# for 30 minutes. No drop. Drilled cement and retainer from 978-1025'. Tested with 500# for 30 minutes. No drop. Drilled out bridge plug and circulated to T<sup>u</sup>. Pulled tubing and bit.
7. Ran tubing, rods and pump. Returned well to production.

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 \_\_\_\_\_

(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. Keady

Name S. J. [Signature]

Title \_\_\_\_\_

Position Area Supt. of Prod.

Date Nov 14 1955

Company Gulf Oil Corporation