

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 A. L. Christmas "C" WELL NO. 3 UNIT G S 18 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 5-1/2" casing as follows:

1. Pulled tubing.
2. Set 5-1/2" Baker bridge plug at 3561'. Dumped 2 sacks cement on plug.
3. Ran HRC tool on tubing. Found leak at 450'. Pulled tubing and tool.
4. Perforated 5 1/2" casing with 2, 1/2" jet holes at 1000'.
5. Set 5 1/2" Howco DM cement retainer at 975'. Cemented with 376 sacks cement. Cement circulated. Pulled tubing and bradenhead squeezed with 30 sacks cement at 400# WOC.
6. Tested casing and cement with 500# for 30 minutes. No drop. Drilled cement from 282-975'. Tested with 500# for 30 minutes. No drop. Drilled cement and retainer from 975-1040'. Tested with 500# for 30 minutes. No drop. Drilled out bridge plug and circulated to TD. Pulled tubing and bit.
7. Ran tubing. 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

Name *A. M. Lueder*
Title _____
Date _____

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

Name *E. J. [Signature]*
Position Area Supt. of Prod.
Company Gulf Oil Corporation

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in **TRIPPLICATE** to the District Office, Oil Conservation Commission, before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate Nature of Notice by Checking Below

NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO TEMPORARILY ABANDON WELL		NOTICE OF INTENTION TO DRILL DEEPER	
NOTICE OF INTENTION TO PLUG WELL		NOTICE OF INTENTION TO PLUG BACK		NOTICE OF INTENTION TO SET LINER	
NOTICE OF INTENTION TO SQUEEZE		NOTICE OF INTENTION TO ACIDIZE		NOTICE OF INTENTION TO SHOOT (Nitro)	
NOTICE OF INTENTION TO GUN PERFORATE		NOTICE OF INTENTION to (OTHER) <u>Repair Csg. Leak</u> X		NOTICE OF INTENTION (OTHER)	

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICOHobbs, New Mexico
(Place)November 4, 1955
(Date)

Gentlemen:

Following is a Notice of Intention to do certain work as described below at the.....

Gulf Oil Corporation A. L. Christmas "C" Well No. 3 in 6
(Company or Operator) Lease (Unit)
SW NE $\frac{1}{4}$ of Sec. 18, T. 22-S, R. 37-E, NMPM., Arrowhead Pool
(40-acre Subdivision)
Lee County.

FULL DETAILS OF PROPOSED PLAN OF WORK
(FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS)

Propose to repair leak in 5-1/2" casing as follows:

1. Pull tubing.
2. Set magnesium bridge plug in base of oil string with 1 sack cement on top.
3. Run tubing with HRC tool and locate leak.
4. If good injection rate is obtained thru casing leak, run cement retainer on tubing and set above leak. If good injection rate is not obtained, perforate 2, 1/2" Jet Holes below casing leak and set retainer above leak.
5. Cement thru retainer with sufficient volume to circulate cement out bradenhead. If cement circulates, close bradenhead and perform bradenhead squeeze.
6. WOC.
7. Drill out retainer and cement, pressure testing at intervals. Drill out bridge plug and return well to production.

Approved....., 19.....
Except as follows:Approved
OIL CONSERVATION COMMISSIONBy.....
Title.....Gulf Oil Corporation
Company or Operator

By.....

Position..... Area Supt. of Prod.
Send Communications regarding well to:Name..... Gulf Oil CorporationAddress..... Box 2167, Hobbs, N. M.