

Form C-103
(Revised 3-55)
17 PM 3 25

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 Harry Leonard "C" WELL NO. 5 UNIT S 36 T 2-S R 36-E

DATE WORK PERFORMED 12-3 thru 12-13-57 POOL Arrowhead

This is a Report of: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Results of Test of Casing Shut-off
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work
	<input checked="" type="checkbox"/> Other <u>Fracture Treat</u>

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

Fracture Treated as follows:

1. Killed well with 110 barrels no block sand; pulled 2-3/8" tubing & formation packer.
2. Ran steel line measurement to 3790'. Cleaned out from 3790-3800'; ran 2-7/8" tubing and Lynes formation packer at 3700'.
3. Broke formation with 63 barrels oil. Fracture treated with 16,000 gallons refined oil with 1# sand per gallon in two stages of 8,000 gallons each down open hole formation 3712-3800'. Pumped 400# crushed nothballs in 10 barrels oil. Flushed each stage with 100 barrels oil. Treating pressure 3700-4000#.
4. Pulled 2-7/8" tubing and packer; re-ran 2-3/8" tubing to 3779'.
5. Snubbed well; flowed on test and returned to production.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:
DF Elev. 3511' TD 3800' PBD — Prod. Int. 3670-3800' Compl Date 9-23-42
Tbng. Dia 2-3/8" Tbng Depth 3800' Oil String Dia 5-1/2" Oil String Depth 3675'
Perf Interval (s) —
Open Hole Interval 3675-3800' Producing Formation (s) Benise Dolomite

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	<u>9-13-57</u>	<u>12-13-57</u>
Oil Production, bbls. per day	<u>18</u>	<u>300</u>
Gas Production, Mcf per day	<u>438</u>	<u>94</u>
Water Production, bbls. per day	<u>1</u>	<u>100</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>23,222</u>	<u>1250</u>
Gas Well Potential, Mcf per day		
Witnessed by <u>C. C. Brown</u>	<u>Gulf Oil Corporation</u> (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 Production Company Gulf Oil Corporation