

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 H. T. Mattara "B" WELL NO. 11 UNIT N S 30 T 21-S R 37-E
DATE WORK PERFORMED 8-12 thru 15-57 POOL Panhandle

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

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

Howard P. Holmes Drilling Company spudded 12-1/4" hole 6:30PM 8-12-57
Ran 12 joints (393') 8-5/8" OD 2 1/2" Gr J-55 SS casing. Set and cemented at 409' with 300 sacks Regular Heat Cement. Plug at 395'. Maximum Pressure 300#. Circulated approximately 50 sacks cement. Job completed 3:PM 8-13-57.
After waiting over 24 hours, tested 8-5/8" casing with 1000# for 30 minutes. No drop in pressure. Drilled cement plug from 395-409'. Tested below casing shoe with 400# for 30 minutes. No drop in pressure.

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 <u>E. P. Fischer</u>	Name <u>J. H. Russell</u>
Title <u>Business Director</u>	Position <u>Asst Area Supt. of Prod.</u>
Date <u>Aug 21 1957</u>	Company <u>Gulf Oil Corporation</u>

1. The first part of the paper is devoted to the study of the

properties of the function $f(x)$ defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$

It is well known that the function $f(x)$ is increasing and concave down.

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