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NEW M O OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

1961 MAY 11 PM 3:40

Name of Company Gulf Oil Corporation		Address Box 2167, Hobbs, New Mexico	
Lease W. A. Ramsay (NCT-A)	Well No. 45	Block Letter K	Section Township Range 27 21-S 36-E
Date Work Performed Nov. 21-Mar. 1, 1961	Pool Eumont	County Lea	
THIS IS A REPORT OF: (Check appropriate box) <input type="checkbox"/> Beginning Well <input type="checkbox"/> Plugging <input type="checkbox"/> Casing Test and Cement Job <input type="checkbox"/> Remedial Work <input checked="" type="checkbox"/> Other (Explain): Perf, frac treated & tested for water contact			

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

As a part of the pilot water flood project this well was perforated, frac treated and tested for water contact as follows:

Ran retrievable BP and Hydrojet tool with 4 orifices on 2-3/8" tbg. Set at 3770'. Ran GR tie-in log. Raised BP & set at 3760'. Perf 5 1/2" casing at 3746'. Spotted 250 gals 15% NE acid over perfs at 3746'. Squeezed acid into formation. Pilled 2-3/8" tbg. Treated formation 3746-3879' down 5 1/2" casing with 13 stages of 3000 gals refined oil each stage. Used 1/40# Adomite M-II & 3# SPG. Followed each of first 12 stages with 16 rubber coated nylon ball sealers. IR 24.7 bpm. CP 2800-1900#. Ran cement bond log. Ran 2-3/8" tubing. Swabbed and tested.

Ran Baker BP & FB packer on 2-3/8" tbg. Set BP at 3888', pkr at 3872'. Pumped down tubing thru casing perfs at 3879'. Communicated thru perfs at 3863'. Attempted to acidise perfs 3863-79' with 250 gals 15% NE acid. Had communication thru perfs at 3840-46'. Released packer and set at 3833'. Communicated thru perfs at 3817' & 3827'. Raised & set pkr at 3810'. Communicated thru perfs at 3789', 3795' & 3803'.
(Continued on attached sheet)

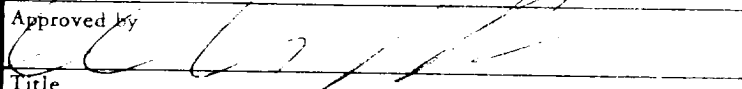
Witnessed by O. R. Kemp		Position Production Foreman	Company Gulf Oil Corporation
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY			
ORIGINAL WELL DATA			
D F Elev 3557' GL	T D 3900'	Perforating Interval 3764-3879'	Completion Date 7-29-58
Tubing Diameter 2-3/8"	Tubing Length 3880'	Casing Diameter 5 1/2"	Oil String Depth 3890'
Perforated Interval(s) 3764', 3772', 3789', 3795', 3803', 3817', 3827', 3840', 3846', 3863', 3872' & 3879'			
Open Hole Interval		Producing Formation(s) Queen	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	10-8-60	38	-	30	--	--
After Workover	4-6-61	33	-	56	--	--

OIL CONSERVATION COMMISSION

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

Approved by 	Name Area Production Manager
Title Area Production Manager	Position Area Production Manager
Date 1	Company Gulf Oil Corporation