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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Gulf Oil Corporation		Address P. O. Box 2167, Hobbs, N.M.			
Lease Graham State "A"	Well No. 2	Unit Letter A	Section 24	Township 18S	Range 37E
Date Work Performed 5-29 - 7-6-61	Pool Hobbs			County Lea	

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☐ Plugging
 ☒ Remedial Work
 Plugged back and frac treated

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

Plugged back 4090' to 4048', with 62 gallons Hydromite.
 Ran 2-3/8" tubing w/Dewall's 2 orifice 2 stage sand notching tool on bottom. Ran GR correlation log and set 4036'. Sand notched open 6 1/2" hole 4036'. Pulled tubing & notching tool. Ran 3 1/2" EUE tubing w/4-5/8" Lynes formation packer, spotted 200 gallons 15% NE acid over open hole 4000-4048', set packer 4000'. Squeezed acid into formation. TP 2200-2000#. CP 200# applied. Inj rate 5 bpm. Broke down formation down 3 1/2" tubing w/28 bbls lse oil. TP 3600#. CP 500# applied. Inj rate 14 bpm. Frac treated with 15,000 gallons 24 degree refined oil with 1/20# Adomite M-II per gallon as follows: 2000 gallons spearhead, 8000 gallons with .1125# PG 12-20 mesh tuff prep, 5000 gals w/.2 PG 8-12 mesh tuff prep. Flushed w/37 bbls lease oil. TP 3600-4900#. CP 500# applied. Inj rate 15.6 bpm. Swabbed well. Pld 3 1/2" tubing and Lynes form packer. Ran 2-3/8" tubing with pump and rods. Tbg set 2383'. Pumped well.
 Plugged back 4048' to 4016' with 90 1/2 gallons Hydromite. Ran 2-3/8" tubing, rods and pump. Pumped well with no recovery. Well temporarily abandoned 7-10-61 after pulling tubing, rods and pump.

Witnessed by W. McPherson	Position Production Man.	Company Gulf Oil Corporation
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

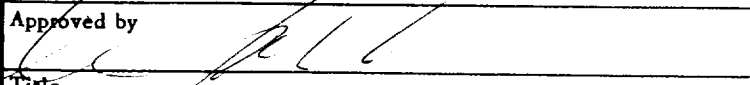
ORIGINAL WELL DATA			
D F Elev. 3670'	T D 4217'	P B T D -	Producing Interval 4217-4042'
Completion Date 8-10-32			
Tubing Diameter 2-3/8"	Tubing Depth 4178'	Oil String Diameter 7"	Oil String Depth 3975'
Perforated Interval(s)			
Open Hole Interval 3975-4217'		Producing Formation(s) Terry Lime	

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	18	16.0	53	889	-
After Workover	Well temporarily abandoned.					

OIL CONSERVATION COMMISSION

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

Approved by 	Name J. H. Russell
Title Area Production Manager	Position Area Production Manager
Date 7-10-61	Company Gulf Oil Corporation