

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 196)

Name of Company Gulf Oil Corporation		Address Box 21674 Hobbs, New Mexico				
Lease Harry Leonard (NCT-D)	Well No. 9	Unit Letter D	Section 3	Township 22-S	Range 36-E	
Date Work Performed Mar. 10-Apr. 18, 1960	Pool South Eunice			County Lea		

THIS IS A REPORT OF: (Check appropriate box)

- Beginning Drilling Operations
 Casing Test and Cement Job
 Other (If so, state) _____
 Plugging
 Remedial Work

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

Plugged back, perforated and fracture treated as follows:

1. Ran 5½" Howco DM cement retainer on 2-3/8" tbg set @ 3754'. Squeezed 5½" casing perfs 3790-3846' w/750 sx regular Neat cement, in two stages. 1st stage, 500 sx no pressure. CI 4 hours. 2nd stage 250 sx, squeezed with 4400#. Raised tbg 4' and reversed out 22 sx cement. WOC.
2. Drilled out to 3820'. Pressured casing with 1000# for 30 minutes. No drop.
3. Ran Dowell's Abrasijet tool. Perforated 5½" csg 3736', 3757' & 3814' with 4-way jet.
4. Ran Howco HM straddle packers. Treated perfs at 3814' down 2-7/8" tbg with 7000 gals refined oil, 1/40# Adomite & 1-3# SPG. IR 6.3 bpm. TP 6500-6300#. Could not break formation on other perfs.
5. Reran Abrasijet tool. Re-perforated 5½" casing at 3757' & 3736'. Spotted 250 gals break down acid on perfs 3736' & 3757'. Squeezed into formation. Treated same perfs with 13,000 gals refined oil, 1/40# Adomite & 3# SPG in 2 equal stages with 150# rock salt after 1st stage. IR 16 bpm @ 4000# (1st stage), 11 bpm @ 4000# (2nd stage)

Witnessed by O. R. Kemp	Position Production Foreman	Company Gulf Oil Corporation
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3566'	T D 3885'	P B T D 3880'	Producing Interval 3790-3846'	Completion Date 5-12-58
Tubing Diameter 2-3/8"	Tubing Depth 3854'	Oil String Diameter 5½"	Oil String Depth 3885'	
Perforated Interval(s) 3790-3846'				
Open Hole Interval		Producing Formation(s) Queen		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production PPD	GOR cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	2-15-60	17	—	188	—	—
After Workover	4-18-60	19	1122	4	59,053	—

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by <i>[Signature]</i>	Name	Area Production Manager	
Title	Position	Area Production Manager	
Date	Company	Gulf Oil Corporation	