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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 <b>Gulf Oil Corporation</b>		Address <b>Box 2167 Hobbs, New Mexico</b>	
Lease <b>Arnett-Ramsay "D"</b>	Well No. <b>7</b>	Unit Letter <b>M</b>	Section <b>33</b>
		Township <b>21-S</b>	Range <b>36-E</b>
Date Work Performed <b>5-4, 5-11-62</b>	Pool <b>Eumont</b>	County <b>Lea</b>	

THIS IS A REPORT OF: (Check appropriate block)

<input type="checkbox"/> Beginning Drilling Operations	<input type="checkbox"/> Casing Test and Cement Job	<input checked="" type="checkbox"/> Other (Explain):
<input type="checkbox"/> Plugging	<input type="checkbox"/> Remedial Work	<b>Plug back, acidized, perf and freed.</b>

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

Pulled rods, pump and tubing. Ran Baker BP on wire line and set at 3650'. Tested 5-1/2" casing with 2000#, 30 min. OK. Ran GR-N log. Perforated 5-1/2" casing at 3412 and 3396' with Quadra-jet by Frontier. Ran Baker retrievable BP and FB packer on 2-3/8" tubing and set BP at 3436'. Raised tubing and set at 3412'. Spotted 500 gals Mud Acid down 2-3/8" tubing over 5-1/2" casing perforations 3412-3396'. Raised packer and set at 3379'. Pressured tubing to 4000# and let set on formation 30 min. OK. Released and lowered packer to 3408'. Applied 2000# on casing, pressured tubing to 6000#. Formation broke to 3100#. Let acid set on formation 5 min. Started pump. Communicated 3412-3396'. Raised packer and set at 3379'. Finished pumping acid into formation. IR 1.5 bpm at 3800#. Released packer and POH. Removed BOF and installed frac head. Pumped 500 gals 15% NEA down 5-1/2" casing. Broke formation down with 38 BO. IR 21.7 at 2700-2300#. Treated formation down 5-1/2" casing perforations 3412-3396' with 10,000 gals 24 gravity refined oil with 1/40# Adomite M-11 per gal and 3# SPG. Injected 500 gals 15% NEA after first 5000 gals refined oil. Ran 2-3/8" tubing with FB packer. Set packer at 3379'. Swabbed and kicked off flowing.

Witnessed by <b>O. R. Kemp</b>	Position <b>Production Foreman</b>	Company <b>Gulf Oil Corporation</b>
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY		
ORIGINAL WELL DATA		
D F Elev. <b>3596</b>	T D <b>3856</b>	P B T D <b>3852</b>
		Producing Interval <b>3772-3782</b>
		Completion Date <b>1-29-57</b>
Tubing Diameter <b>2-3/8"</b>	Tubing Depth <b>3783</b>	Oil String Diameter <b>5-1/2"</b>
		Oil String Depth <b>3856</b>
Perforated Interval(s) <b>3772-3782</b>		
Open Hole Interval <b>---</b>		Producing Formation(s) <b>Queen</b>

### 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	<b>4-14-62</b>	<b>13</b>	<b>--</b>	<b>1</b>	<b>--</b>	<b>--</b>
After Workover	<b>5-2-62</b>	<b>162</b>	<b>395</b>	<b>trace</b>	<b>2315</b>	<b>--</b>

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by		Name <b>J. C. Ballinger</b>	
Title		Position <b>Area Petroleum Engineer</b>	
Date		Company <b>Gulf Oil Corporation</b>	