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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)

1961 JUN 29 PM 1:40

Name of Company <b>Gulf Oil Corporation</b>				Address <b>Box 2167, Hobbs, New Mexico</b>			
Lease <b>Harry Leonard (NCT-F)</b>	Well No. <b>5</b>	Unit Letter <b>X</b>	Section <b>2</b>	Township <b>21-S</b>	Range <b>37-E</b>		
Date Work Performed <b>June 7-25, 1961</b>		Pool <b>Wantz Abo</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>Plugged back and recompleted</b>

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

Abandoned Hare Pool, recompleted in Wantz Abo Pool as follows:

Ran 2-3/8" tbg with Sweet HW packer. Set packer at 7548'. Swabbed dry. Pulled tbg and packer. Ran GR-N log. Set CI BP on wire line at 7600'. Dumped 1 sack cement on top of BP. PBD 7595'. Loaded casing with oil. Pressure tested casing with 1000# for 30 min. No drop. Perf 5 1/2" csg 7268-70', 7242-44', 7160-62', 7125-27', 7117-19', 7072-74', 7010-12' & 6928-30' with 2 crack jet & 2 regular jets per foot. Ran 2-3/8" tbg with Baker FB packer & BP. Set BP at 7285'. Set FB packer at 7258'. Attempted to acidize. Pressured to 6900#. Let set on formation 3 hours. Communicated 7268-70' to 7242-44'. Raised packer and covered 5 1/2" csg perfs 7268-7242'. Set packer at 7218'. pumped approx 8 bbls 15% NE acid into formation. Pump truck broke down. Reversed out remaining acid. Treated perfs 7268-70' & 7242-44' with 1000 gals 15% NE iron stabilized acid. IR 1.5 bpm. TP 5500#. Raised BP and set at 7180'. Spotted 1000 gals acid over perfs 7160-62'. Raised and set packer at 7150'. Squeezed acid into formation. IR 1.4 bpm at 5000#. Raised and set BP at 7150'. Spotted (continued on attached sheet)

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>3482' GL</b>	T D <b>3013'</b>	P BTD <b>7985'</b>	Producing Interval <b>7925-7615'</b>	Completion Date <b>6-20-52</b>
Tubing Diameter <b>2-3/8"</b>	Tubing Depth <b>7608'</b>	Oil String Diameter <b>5-1/2"</b>	Oil String Depth <b>8012'</b>	
Perforated Interval(s) <b>7615-7925'</b>				
Open Hole Interval		Producing Formation(s) <b>McKee-Connell</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>Temporarily Abandoned</b>					
After Workover	<b>6-25-61</b>	<b>142 (est.)</b>	<b>112</b>	<b>1 1/2</b>	<b>789</b>	<b>--</b>

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

OIL CONSERVATION COMMISSION		Name <b>McKee-Connell</b>	
Approved by <b>Leslie A. Clements</b>		Position <b>Area Production Manager</b>	
Title		Company <b>Gulf Oil Corporation</b>	
Date			

Attachment - C-103

Gulf Oil Corporation - Harry Leonard (NCT-F) No. 5-X, Sec. 2, T-21-S, R-37-E

1000 gals acid down 2-3/8" tbg. Raised & set packer at 7100'. Straddled perfs 7125-27' & 7117-19'. Pumped 2000 gals 15% NE acid. Communicated thru perfs 7072-74'. Raised and set packer at 6900'. Straddled perfs 7125-27', 7117-19', 7072-74', 7010-12' & 6928-30'. Pumped 20 ball sealers to blank off lower zone. Pumped 3000 gals 15% NE acid with 15 ball sealers after each 1000 gals acid. IR 1.6 bpm at 4200-3900#. Pulled tubing, BP & Packer. Ran 2-3/8" tbg with pin collar on bottom set at 6945'. Snubbed and well kicked off. Recovered all load.