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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 Box 670, Hobbs, New Mexico			
Lease C. L. Hardy	Well No. 4	Unit Letter M	Section 20	Township 21-S.	Range 37-E		
Date Work Performed 9-15 to 10-28, 1964	Pool Blinbry & Paddock			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain): **MC-1547**
☐ Plugging
 ☐ Remedial Work **Abandoned PS, DC Blinbry W/existing Paddock**

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

Pulled both strings of tubing. Ran 4-3/4" Klustrite mill and OS on 2-3/8" tubing and milled over Baker production packer at 5060'. Lowered tail pipe to 5195', caught fish and POH. Ran 7" Baker retrievable BP on sand line and set at 3901'. Dumped 4 sacks of 8-12 Ottawa sand down 7" casing. Ran 7" packer on tubing and set at 3652'. Squeezed perfs 3698' to 3840' with 150 sacks of class C cement. Pulled tubing and packer. Ran 6-1/4" bit on tubing and drilled cement from 3652' to 3851'. Tested perfs 3698' to 3840' with 1000#, 30 min. OK. Pulled tubing and bit. Ran FB packer on tubing to 5156'. Spotted 1000 gallons of 15% NEA over perfs 5162 to 5170'. Raised packer and set at 5100'. Pumped acid into formation. IR 5 bpm at 2100#. Flushed with 20 barrels of water. Ran rods and pump and tested Paddock zone. Pulled rods and pump. Ran 6-1/4" bit on tubing and cleaned out to 6550'. Perforated 7" casing with 5 way jet charge at 5857', 5818', 5768' and 5743'. Ran 4-1/2" tubing with retrievable BP and FB packer. Set BP at 5905'. Raised packer to 5863'. Spotted 500 gallons of 15% NEA down tubing over casing perfs 5743 to 5857'. Raised pkr to 5541'. Squeezed acid into formation. Free treated with 18,840 gallons of gel oil w/ 1/40# Adomite and 1 to 3# Spg. IR 2 1/2 bpm at 5500#. Pulled tubing and (See attachment)

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

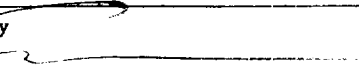
D F Elev. 3494	T D 6670	P B T D 5195	Producing Interval 3698-3840 - PS 5162-5170 - Pad	Completion Date 6-22-59
Tubing Diameter 2-3/8"	Tubing Depth 3670 PS 5153 Pad	Oil String Diameter 7"	Oil String Depth 6563	
Perforated Interval(s) 3698-3840 PS 5162-5170 Pad				
Open Hole Interval --		Producing Formation(s) Grayburg & Paddock		

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	PS Standing 9-15-64 Pad	5		1		
After Workover	10-20-64 Pad 10-19-64 Bl	32 288 (Est)		11 4		

OIL CONSERVATION COMMISSION

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

Approved by 	Name ORVILLE L. HAY
Title	Position Area Production Manager
Date	Company Gulf Oil Corporation