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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS HOBBS OFFICE OCC

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

Name of Company Gulf Oil Corporation		Address Box 2167, Hobbs, New Mexico	
Lease Watkins	Well No. 2	Unit Letter P	Section 29
		Township 22-S	Range 38-E
Date Work Performed Feb. 15-Apr. 13, 1961	Pool Drinkard & Blinbry	County Lea	

1961 MAY 11 PM 3:39

THIS IS A REPORT OF: (Check appropriate block)

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

Dually Completed

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

Dually completed in Drinkard and Blinbry Oil zones as follows:

1. Perf 7" casing 7133-35', 7103-05', 7068-66', 7052-54', 7028-30', 7000-02', 6992-94', 6980-82', 6965-67' & 6951-53' with 4, 1/2" JHPF.
2. Ran 2-7/8" tbg with retrievable BP & FB packer. Set BP at 7140', packer at 6951'. Squeezed 750 gals mud acid over 7" esg perfs 7135-6951'. IR 2 bpm. TP 4400#.
3. Set FB pkr at 7125'. Squeezed 2000 gals retarded acid into perfs 7135-33'. IR 6 bpm. TP 4800-2700#. Reset BP at 7125'. Spotted 2000 gals retarded acid over perfs 7105-03'. Set FB pkr at 7090'. Squeezed acid into perfs. IR 7 bpm. TP 5000-800#. Reset FB pkr at 7044'. Treated with 2, 1000 gal stages retarded acid, perfs 7105-7052'. Pumped 8 ball sealers followed with 1000 gals retarded acid, 5 ball sealers & 1000 gals retarded acid. IR 8 bpm. Pressure 4700-1500#. Reversed ball sealers out of hole. Reset BP at 7013', FB packer at 6930'. Treated with five 2600 gal stages retarded acid with 11 ball sealers after each of 1st 4 stages, thru 7" casing perfs 7030-6951'. IR 6.6 bpm. (Cont'd. on attached sheet)

Witnessed by G. W. Osborn	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.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

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						
After Workover						

OIL CONSERVATION COMMISSION

Approved by	
Title	
Date	

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

Name	Jim Russell
Position	Area Production Manager
Company	Gulf Oil Corporation

Attachment - C-103

Gulf Oil Corporation - Watkins No. 2-P, Sec. 29-22S-38E

Pressure 4700-4000#. Reversed out ball sealers. Swabbed and tested. Swabbed 65 bbls oil, 24 bbls wtr 2-3/8" tbg on 11 hour test.

4. Perforated 7" casing 5678-80', 5709-11', 5718-20', 5756-58', 5780-82', 5788-90' & 5803-05' with 4, 1/2" JHPF (Blinebry).
5. Acidized 7" perfs 5680-5805' by straddle zone treatments with 1750 gals 15% NE acid in 5 zone settings. Maximum pressure 3100#, minimum 1800#. IR 1 to 2 bpm. Set BP at 5864', FB pkr at 5639'. Frac treated 7" casing perfs 5680-5805' with seven 3000 gal stages refined oil, 1/40# Adomite M-II & 3# SPG down 2-7/8" tbg. Used 8 ball sealers after each of first 6 stages. Max press 5800#. Min 5400#. AIR 7.3 bpm. Flowed and tested.
6. Set Otis Model WA production packer at 6880'. Ran 2-3/8" tubing (long string) bull plugged on bottom set at 7134'. Otis circulating valve at 7100'. Latched into Otis production packer with 10,000# tension. Ran 2-3/8" tubing (short string) and latched into dual string anchor at 5810' with 8000# tension.
7. Swabbed and tested both zones. Blinebry flowed 80 bbls oil, 6 bbls water 2-3/8" tbg 32/64" choke in 24 hours. Gas volume 66 MCF. Drinkard swabbed 165 bbls oil, 24 bbls water 2-3/8" tbg in 11 hours.

DC-1059