Form C-103
(Revised 3-55)

DUPLICATE

HOBBS OFFICE OCC
1956 APR 6 PM 3:40

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS
(Submit to appropriate District Office as per Commission Rule 1106)

COMPANY Gulf Oil Corporation - Box 2167, Hobbs, New Mexico
(Address)

LEASE Fred Luthy WELL NO. 2 UNIT D S 29 T 19-S R 37-E

DATE WORK PERFORMED 3-20-56 4-4-56 POOL Monument

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [x] Remedial Work
- [x] Other Dually completed

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

SEE ATTACHED SHEET

2-294

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3626' TD 3950' PBD - Prod. Int. 3785-3950' Compl Date 5-17-36

Tbng. Dia 2-3/8" Tbng Depth 3918' Oil String Dia 5-1/2" Oil String Depth 3784'

Perf Interval (s)

Open Hole Interval 3784-3950' Producing Formation (s) Upper San Andres

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	3-2-55	4-4-56
Oil Production, bbls. per day	40	400
Gas Production, Mcf per day	76.6	Not taken
Water Production, bbls. per day	5	0
Gas-Oil Ratio, cu. ft. per bbl.	1915	Not taken
Gas Well Potential, Mcf per day		21,000 MCF Est. Open Flow
Witnessed by	Eumont Gulf Oil Corporation (Company)	

OIL CONSERVATION COMMISSION

Name C. M. Beesley
Title District I
Date

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

Name E. F. Dayton
Position Area Supt. of Prod.
Company Gulf Oil Corporation

HOBBS OFFICE OCC
1956 APR 6 PM 3:40

Dually Completed in the Monument Oil and Eumont Gas as follows:

1. Pulled tubing and packer.
2. Ran steel line measurement, found casing at 3894'. Cleaned out from 3894-3915' with sand pump.
3. Ran Ramma Ray-Neutron survey with 1000' of detail and collar locator. Ran 5-1/2" Model D production packer set at 3740'.
4. Ran 2-3/8" tubing with Baker parent packer and 159' tail pipe below packer, GOT Circulating valve at 3868' in closed position. Set Baker C-1 seal nipple in packer at 3740'. Closed circulating valve above packer at 3703'. Pressure tested 5-1/2" casing with 300# surface pressure for 30 minutes, no drop in pressure. Pulled 2-3/8" tubing and seal nipple. Ran 2-3/8" tubing and Baker parent packer. Tested 5-1/2" casing at various depths. Pulled tubing and packer.
5. Perforated 5-1/2" casing from 3586-3574', 3566-3548', 3538-3480' and 3464-3432' with 2-1/2" jet holes per foot. Ran 2-7/8" tubing with 5-1/2" bridge plug at 3597' and parent packer at 3410'. Applied 500# pressure to casing above packer.
6. Treated formation thru perforations in 5-1/2" casing from 3432-3586' with 12,000 gallons refined oil with 1# sand per gallon. Injection rate 11.1 bbls per minute. Well kicked off.
7. Flowed at a rate of 8,200 MCF with 650# back pressure (Eumont Gas) Killed well. Pulled 2-7/8" tubing, bridge plug and parent packer. Ran 2-3/8" tubing with Baker C-1 seal nipple with GOT circulating valve at 3694' in open position.
8. Closed circulating valve at 3701'. Tested Eumont Gas pay 30 minutes. Opened circulating valve at 3859'. Swabbed and well kicked off.
9. Monument Oil flowed thru 2-3/8" tubing and Eumont Gas flowed thru 5-1/2" casing.

HOBBS OFFICE OCC

[illegible] APR 6 PM 3:42

[illegible]

1. Pulled tubing and packer.
2. [illegible] line measurement [illegible] with sand line.
3. [illegible] survey [illegible] 5-1/2" [illegible] production casing [illegible]
4. Ran 2-3/8" tubing with packer [illegible] circulation valve at [illegible] in closed position. [illegible] packer at [illegible]. Pressure tested 5-1/2" casing [illegible] pressure [illegible] no drop in pressure. Pulled 2-3/8" tubing [illegible] Ran 2-3/8" tubing and [illegible] packer. [illegible] 5-1/2" casing [illegible] various depths. Pulled tubing and packer.
5. Perforated 5-1/2" casing from [illegible] with [illegible] jet holes per foot. Ran 2-7/8" tubing [illegible] 5-1/2" bridge plug at [illegible] and packer [illegible]. Applied [illegible] pressure to casing above packer.
6. Treated formation thru perforations in 5-1/2" casing from [illegible] with [illegible] gallons refined oil with [illegible] sand per gallon. [illegible] per minute. Well shut-in [illegible]
7. [illegible] of [illegible] with [illegible] pressure [illegible] Pulled 2-7/8" tubing, bridge plug and packer. Ran 2-3/8" tubing with packer [illegible] valve at [illegible] in open position.
8. Closed circulating valve at [illegible]. [illegible] Opened circulating valve at [illegible]. Swabbed and well kicked off.
9. [illegible] 2-3/8" tubing [illegible] 5-1/2" [illegible]