Form C-103
(Revised 3-55)

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, N. M.
(Address)

LEASE Graham State "A" WELL NO. 2 UNIT A S 24 T 18-S R 37-E

DATE WORK PERFORMED Feb. 12-Sept. 21, '55 POOL Hobbs

This is a Report of: (Check appropriate block)

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

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

SEE ATTACHED SHEET

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3675' TD 4217' PBD - Prod. Int. 4042-4217' Compl Date 8-10-32

Tbng. Dia 3" Tbng Depth 4205' Oil String Dia 6-5/8" Oil String Depth 3975'

Perf Interval (s)

Open Hole Interval 3975-4217' Producing Formation (s) Terry Lime

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	Not Producing	9-21-55
Oil Production, bbls. per day	None	25
Gas Production, Mcf per day		4.6
Water Production, bbls. per day		83
Gas-Oil Ratio, cu. ft. per bbl.		184
Gas Well Potential, Mcf per day		

Witnessed by N. B. Jordan Gulf Oil Corporation (Company)

OIL CONSERVATION COMMISSION

Name C. M. Kinder

Title

Date

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

Name G. T. Taylor

Position Area Supt. of Prod.

Company Gulf Oil Corporation

Attachment - C-103

Gulf Oil Corporation - Graham State "A" No. 2-A, 24-18-37

Oil-cement squeezed and plugged back as follows:

1. Pulled tubing and packer. Reran with Baker Model K retainer set at 3961'.
2. Loaded hole with oil above retainer. Tested 7" casing with 800# for 30 minutes. No drop in pressure.
3. Pumped 4 bbls diesel oil into formation thru tubing. Squeezed open hole formation from 3975-4217' with 175 sacks cement and 16 bbls diesel oil. Squeezed approximately 35 sacks cement into formation. Left 45 sacks cement in hole below retainer and 95 sacks above retainer. Maximum pressure 2800#. Pulled tubing. WOC.
4. Ran tubing with 6-1/4" bit to 3580'. Drilled to 3953'. Pulled 12 jts tubing. Well flowed 7 bbls oil in 15 minutes and died. Drilled cement and retainer to 4217'. Pulled tubing. Swabbed well.
5. Installed pumping equipment. Tested for about 2 months. Well averaged no oil, 147 bbls water per 24 hours.
6. Pulled rods, pump and tubing. Dumped 16 gallons Hydromite. Plugged back ro 4071'. Pressured casing with 500#. Injection rate, 3 bbls per minute while Hydromite was setting up.
7. Drilled Hydromite to 4162'. Dumped 48 gallons Hydromite in 3 stages. Plugged back to 4138'.
8. Reran tubing, rods and pump. Over a test period of about 2 months well pumped an average of 4 bbls oil, 147 bbls water per 24 hours.
9. Pulled rods, pump and tubing. Plugged back to 4115' with 36 gallons Calseal and to 4090' with 48 gallons Hydromite in 3 stages. Reran tubing, rods and pump. Pumped 25 bbls oil, 83 bbls water in 24 hours.