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, New Mexico
(Address)

LEASE R. R. Bell "F" WELL NO. 3 UNIT F S 36 T 20-S R 36-E

DATE WORK PERFORMED 5-21 thru 6-13-57 POOL Eunice

This is a Report of: (Check appropriate block)

- [ ] Beginning Drilling Operations
- [ ] Plugging
- [ ] Results of Test of Casing Shut-off
- [x] Remedial Work
- [x] Other PB, csg. leak and fracture treat

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. 3549' TD 3849' PBD - Prod. Int. 3735-3849' Compl Date 4-19-37

Tbng. Dia 2-3/8" Tbng Depth 3832' Oil String Dia 5-1/2" Oil String Depth 3734'

Perf Interval (s)

Open Hole Interval 3734-3849' Producing Formation (s) Upper San Andres

RESULTS OF WORKOVER:	BEFORE	AFTER
Date of Test	7-28-56	6-13-57
Oil Production, bbls. per day	4	60
Gas Production, Mcf per day	28.89	275
Water Production, bbls. per day	6	6
Gas-Oil Ratio, cu. ft. per bbl.	7223	4583
Gas Well Potential, Mcf per day		

Witnessed by F. C. Crawford — Gulf Oil Corporation (Company)

OIL CONSERVATION COMMISSION

Name
Title
Date

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

Name C. F. Taylor
Position Area Supt. of Prod.
Company Gulf Oil Corporation

Plugged back, repaired casing leak and fracture treated as follows:

1. Pulled rods, pump and tubing. Ran 2-7/8" tubing and bit, drilled out packer and cleaned out to 3849'. Pulled tubing and bit.
2. Plugged back to 3830' with Hydromite. Ran 2-3/8" tubing with packer at 3712' and hydraulic holddown. Swabbed dry. Treated open hole formation from 3734-3830' with 10,000 gallons refined oil with 1# sand per gallon. Pumped 500# crushed mothballs in 12 bbls oil. Treated formation with 10,000 gallons refined oil with 1# sand per gallon. Swabbed and well kicked off.
3. Pulled 2-7/8" tubing, packer and holddown. Ran tubing with bridge plug, tested casing and found leak at 1406-1641'. Pulled tubing and bridge plug. Set bridge plug at 3660'. Dumped 1 sacks cement on plug. Ran tubing with cement retainer at 1364'. Pumped 500 sacks cement down tubing and circulated out 7-5/8" - 5-1/2" casing. Pulled tubing.
4. Ran tubing and bit, drilled cement and retainer to 1504'. Tested 5-1/2" casing every 30' from 1358-1480', with 500#, OK. Tested casing at 1504' with 500#, blew to 0# in one minute. Drilled cement to 1519' ran tubing and bit to 1684'. Pulled tubing and bit. Set 5-1/2" cement retainer at 1330'. Pumped 239 sacks cement in 6 stages. Maximum Pressure 1000#. Squeezed 7-5/8" - 51/2" annulus with 225 sacks cement. Maximum Pressure 500#.
5. Ran tubing and bit, drilled cement at 1325', tested 5-1/2" casing with 500#, OK. Drilled cement and retainer from 1410-1845'. Tested casing with 500#, OK. Drilled bridge plug at 3660' and cleaned out from 3660-3830'. Pulled tubing and bit. Ran 129 joints 2-3/8" tubing and set at 3814'. Swabbed and well kicked off.