

NEW MEXICO OIL CONSERVATION COMMISSION
MISCELLANEOUS REPORTS ON WELLS

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

3 23

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

LEASE Plains Knight WELL NO. 3 UNIT L S 23 T 24-S R 37-E

DATE WORK PERFORMED Mar. 12 - Apr. 1 '59 OOL Fowler Fusselman

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off
☐ Beginning Drilling Operations ☒ Remedial Work
☐ Plugging ☐ Other _____

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

Plugged back to shut off water as follows:

1. Pulled rods & 2-7/8" tbg. Ran collar locator & perf log 7575-7375'.
2. Ran 5 1/2" Baker CI BP on wire line set at 7540'. Dumped 1 sack cement on top of plug. Top cement 7532'.
3. Ran 7380' 2-7/8" tbg with pin collar on bottom set at 7390'. Baker Model D compensating mechanical tbg anchor set at 7377'. Swabbed and tested.
4. Lowered tbg to 7528'. Spotted 500 gals MA & washed 5 1/2" casing perfs 7410-7530'. Squeezed acid into formation. IR 1 bpm. CP 2600-750#. Raised tbg & set at 7390'. Swabbed trace oil, 405 bbls water in 24 hours.
5. Pulled tbg & anchor. PB 7532-7518' with 20 gals hydromite in 2 dumps. Pressured each dump with 500#.
6. Reperf 5 1/2" csg 7518-7410' with 1, 1/2" JHFF. Set tbg at 7512'. Spotted & washed csg perfs 7518-7410' with 500 gals MA. Squeezed acid into formation down tbg. IR 2 bpm. TP 1500-0#.
7. Ran rods & pump. Returned well to production. PBTD 7532'. Pay 7410-7530'.

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3225' GL TD 7668' PBD 7660' Prod. Int. 7410-7625' Compl Date 9-23-53
Tbng. Dia 2-3/8" Tbng Depth 7632' Oil String Dia 5-1/2" Oil String Depth 7667'
Perf Interval (s) 7410-7530' & 7550-7625'
Open Hole Interval _____ Producing Formation (s) Silurian

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>1-5-59</u>	<u>4-1-59</u>
Oil Production, bbls. per day	<u>66</u>	<u>76</u>
Gas Production, Mcf per day	<u>22.0</u>	<u>32.0</u>
Water Production, bbls. per day	<u>265</u>	<u>320</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>333</u>	<u>421</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>

Witnessed by J. R. Tate Gulf Oil Corporation
(Company)

OIL CONSERVATION COMMISSION

Name [Signature]
Title _____
Date _____

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

Name [Signature]
Position Area Production Supt.
Company Gulf Oil Corporation