

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

COMPANY Shell Oil Company Box 845, Roswell, New Mexico
(Address)

LEASE Argo WELL NO. 2 UNIT H S 3 T-15-S R-37-E
DATE WORK PERFORMED 3-3 thru 4-6-59 POOL Denton-Devonian

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.

1. Pulled rods & pump.
2. Ran Caliper of open hole.
3. Ran 2 Lynes inflatable packers on 409 jts. (12,482') 8rd Intergal joint 2" tubing & swab tested following intervals for recoveries indicated.
12,482' - 12,691' 80 BSW in 7 hours w/no trace of oil or gas. FL @ 6500'.
12,435' - 12,478' 96 BSW + 4 BO in 10 hours w/trace gas. Final cut 100% SW & final FL 10,000'.
12,387' - 12,430' 118 BSW in 6 hours w/trace of oil. FL 5500'.
12,082' - 12,383' 293 BSW in 23 hours. FL 5500'.
12,268' - 12,309' 553 BSW in 35 hours w/trace oil. FL 5500'.
12,082' - 12,264' 143 BO + 161 BSW in 47 hours. Last 3 hours swabbed 19 BO + 11 BW.
FL - various.
4. Ran tubing & spotted 60 ex. Trinity Inferno Slo-set cement on bottom.
5. Pulled 102 jts. tubing.
6. After WOC 24 hours found top of plug @ 12,458'. (Continued on back of page.)

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. 3820' TD 12,691' PBD - Prod. Int. 12,082' - 691' Compl Date 8-1-52
Tbng. Dia 2 1/2" Tbng Depth 7837' Oil String Dia 5 1/2" Oil String Depth 12,082'
Perf Interval (s) -
Open Hole Interval 12,082' - 12,691' Producing Formation (s) Devonian

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test	<u>11-4-58</u>	<u>4-6-59</u>
Oil Production, bbls. per day	<u>58</u>	<u>100</u>
Gas Production, Mcf per day	<u>54.9</u>	<u>157.8</u>
Water Production, bbls. per day	<u>437</u>	<u>114</u>
Gas-Oil Ratio, cu. ft. per bbl.	<u>946</u>	<u>1578</u>
Gas Well Potential, Mcf per day	<u>-</u>	<u>-</u>
Witnessed by <u>H. G. Starling</u> Production Foreman	Shell Oil Company (Company)	

OIL CONSERVATION COMMISSION

Name Rex C. Cabaniss
Title District Exploitation Engineer
Date 4-6-59

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

Original Signed By Rex C. Cabaniss
Name Rex C. Cabaniss
Position District Exploitation Engineer
Company Shell Oil Company

7. Spotted 35' ex. Trinity Inferno Slo-set cement on bottom.
8. Pulled 100 fts. tubing.
9. Checked top of cement plug @ 12,315' by tubing measurement.
10. Ran 4 5/8" bit on 2" tubing & washed cement strings to firm bottom @ 12,315'.
11. Pumped 48 Gallons Hydramite in 2 stages. Checked top of plug @ 12,274'.
12. Capped Hydramite plug w/ 1 ex. cement using wire line squeeze tool.
13. Reran & hydrotested (to 4000 psi - no leaks) 2 1/2" tubing to original setting.
14. Ran rods & pump to original setting.
15. Recovered load.
16. In 24 hours pumped 100 BO + 114 BW w/6-27" SPM.