

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

COMPANY Shell Oil Company Box 1957 Hobbs, New Mexico  
(Address)

LEASE State SDA WELL NO. 1 UNIT "M" S -36 T -15-S R -37-E  
DATE WORK PERFORMED May 23, 24, & 25, POOL South Denton  
1956

This is a Report of: (Check appropriate block) ☐ Results of Test of Casing Shut-off  
☐ Beginning Drilling Operations ☐ Remedial Work  
☐ Plugging ☒ Other PLUG BACK, SQUEEZE, AND  
PERFORATE 5-1/2" CASING

Detailed account of work done, nature and quantity of materials used and results obtained.  
WORK WAS PERFORMED AS FOLLOWING IN ORDER TO COMPLETE WELL:

Ran Baker Model K cast iron retainer on wire line and set at 13,172' (casing collar depth).  
Ran drill pipe and latched on retainer and displaced mud out of drill pipe with water. Broke  
down formation at 4700 psi and pumped into formation at 2800 psi at one barrel minute rate.  
Mixed 100 sacks Trinity inferno cement and spotted same on bottom. With 40 sacks in formation  
and 10 sacks in open hole, obtained squeeze pressure of 7000 psi. Reversed out 50 sacks.  
Unlatched formation retainer and displaced mud with salt water. Laid down drill pipe.

Perforated 5-1/2" casing opposite the Devonian Pay Zone from 12,953' - 13,053' (Schlumberger  
measurements) with 4 jet shots per foot.

P B T D 13,172'

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

Original Well Data:

DF Elev. \_\_\_\_\_ TD \_\_\_\_\_ PBD \_\_\_\_\_ Prod. Int. \_\_\_\_\_ Compl Date \_\_\_\_\_  
Tbng. Dia \_\_\_\_\_ Tbng Depth \_\_\_\_\_ Oil String Dia \_\_\_\_\_ Oil String Depth \_\_\_\_\_  
Perf Interval (s) \_\_\_\_\_  
Open Hole Interval \_\_\_\_\_ Producing Formation (s) \_\_\_\_\_

RESULTS OF WORKOVER:

	BEFORE	AFTER
Date of Test		
Oil Production, bbls. per day		
Gas Production, Mcf per day		
Water Production, bbls. per day		
Gas-Oil Ratio, cu. ft. per bbl.		
Gas Well Potential, Mcf per day		
Witnessed by <u>H. G. Starling</u>	Production Foreman	Shell Oil Company
		(Company)

OIL CONSERVATION COMMISSION

Name *S. G. Stiles*  
Title Division Mechanical Engineer  
Date May 23, 1956

I hereby certify that the information given  
above is true and complete to the best of  
my knowledge.  
Name S. G. Stiles ORIGINAL SIGNED BY S. G. STILES  
Position Division Mechanical Engineer  
Company Shell Oil Company