

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)MISCELLANEOUS REPORTS ON WELLS ^{HOBBS OFFICE OCC}

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

Name of Company Shell Oil Company		Address Box 845, Roswell, New Mexico					
Lease Cooper B	Well No. 2	Unit Letter D	Section 4	Township 20S	Range 37E		
Date Work Performed 8-18 thru 9-15-59	Pool Monument			County Lea			

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations
 ☐ Casing Test and Cement Job
 ☐ Other (Explain):
- ☐ Plugging
 ☒ Remedial Work

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

Squeezed 10 sx. cement in 5-2 sx. stages. PBT D 3814'. Dumped 6 gallons Dowell Jelly Seal weighted w/salt on bottom. Ran 120 jts. (3807') 2 1/2" tubing 10V thd & hung @ 3802'. SN @ 3797'. Treated formation w/2000 gallons DAW 159 acid w/M-38 additive. Ran 2 1/2" x 2" x 12' Sargent Pump & rods. Pumped 100% water. Pulled rods, pump & tubing. Ran Spinner Survey which indicated fluid entry @ cement plug. Ran 4 5/8" AF-66 Lynes Production Packer on 120 jts. (3795') 2 1/2" 10V thd tubing. Set packer @ 3802' - 3806' w/circ. sub @ 3798' & 2 1/2" SN @ 3797'. Swabbed dry. Spotted 250 gallons 7 1/2% BDA followed w/1000 gallons 15% NE acid w/M-38 additive. Ran 2 1/2" x 2" x 12' Sargent Insert Pump & rods. Recovered load.

In 24 hours pumped 10B0, cut 4% water, w/12-54" SPM.
(Intermitter 2 hours on 2 hours off)

Witnessed by H. B. Leach	Position Production Foreman	Company Shell Oil Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

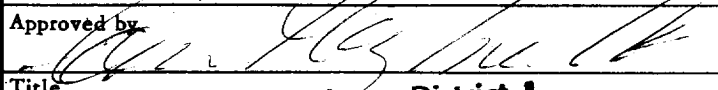
D F Elev. 3564'	T D 3899'	P B T D 3822'	Producing Interval 3638' - 3822'	Completion Date 11-25-36
Tubing Diameter 2 1/2"	Tubing Depth 3820'	Oil String Diameter 7"	Oil String Depth 3638'	
Perforated Interval(s) -				
Open Hole Interval 3638' - 3822'			Producing Formation(s) Grayburg	

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover	6-19-59	5	not measured	278	not measured	
After Workover	9-15-59	10	not measured	-	not measured	

OIL CONSERVATION COMMISSION

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

Approved by 	Name R. A. Lowery	Original Signed By R. A. LOWERY
Title Engineer District 1	Position District Exploitation Engineer	
Date SEP 17 1959	Company Shell Oil Company	