

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

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

Name of Company Shell Oil Company			Address Box 845, Roswell, New Mexico			
Lease State PA	Well No. 2	Unit Letter N	Section 27	Township 19S	Range 35E	
Date Work Performed 6-1-60 thru 6-22-60		Pool Pearl-Queen		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.

1. Pulled rods, pump & tubing.
2. Ran Baker Full Bore Retrivable packer on 2" tubing open ended and set packer @ 4651'.
3. Ran Radioactive Tracer Survey below packer. Unseated packer. Lowered full bore cement retainer to 4713'. Pumped 75 sx. cement into formation. Cleared perforations w/4BW.
4. Squeezed formation w/45 sx. cement. Reversed out 30 sx. Pulled tubing & packer.
5. Drilled cement 4713' - 4749' and washed to TD.
6. Ran 2" tubing w/3-way Hydrojet & CCL, set Hydrojet @ 4742'. Slotted 5 1/2" casing while rotating gun for 45 minutes using lease crude containing 1# 10-20 Mesh sand/gallon.
7. Treated w/8300 gallons lease crude containing 1/40# FL-2 & 2# 20-40 Mesh sand/gallon.
8. Ran 155 jts. (4795') 2" EUE, 8rd thd tubing & hung @ 4803' w/1 jt 2" Saw Tooth Pin Collar on bottom. 2" Seating Nipple @ 4772'.
9. Ran 2" x 1 1/2" x 12' Pacific Top Holddown Pump & rods.
10. Recovered load.
11. In 24 hours pumped 24 BO, no water, w/14-54" GPM.

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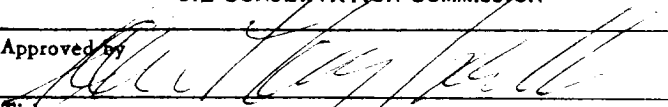
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev. 3721'	TD 5032'	P B T D 5007'	Producing Interval 4738' - 4746'	Completion Date 5-24-59
Tubing Diameter 2"	Tubing Depth 4816'	Oil String Diameter 5 1/2"	Oil String Depth 5024'	
Perforated Interval(s) 4738' - 4746'				
Open Hole Interval -		Producing Formation(s) Queen		

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	5-6-60	20	2.0	2	100	-
After Workover	6-22-60	24	not measured	0	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	Position District Exploitation Engineer		
Date	Company Shell Oil Company		