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NEW MEXICO OIL CONSERVATION COMMISSION **MISCELLANEOUS REPORTS ON WELLS**

FORM C-103
(Rev 3-55)

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

Name of Company Shell Oil Company				Address Box 1858 Roswell, New Mexico			
Lease State VAA	Well No. 4	Unit Letter L	Section 5	Township 18-S	Range 35-E		
Date Work Performed 10-9 thru 12-61	Pool Vacuum-Abo			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.

Ran 8945' of 4½" (J-55, 11.6# & 9.5#) casing and cemented @ 8953' with 800 sacks of 50/50 Pozmix "S" Portland plus 18% Gel and 200 sacks Class "C" (Incor) plus 4% Gel. Plug down @ 5:58 p.m. (MST), October 10, 1961. Lost circulation while displacing top plug and lost 800 cuft. of cement slurry. Ran temperature survey and found top of cement at 4200'.

Formation Tops

Yates - 2975' (8-5/8" set @ 3199')
 Seven Rivers - 3328'
 Queen - 3973'
 Grayburg - 4330'
 San Andres - 4777'
 San Andres Porosity - 4838'

Cementing Information

Fluid meter volume (2750-8950) = 2500 cu.ft.
 Caliper calculated Vol. (2700-8950) = 2300 cu.ft.
 Slurry volume mixed:
 Pozmix (2380)
 4% Incorpor (366) = 2746 cu.ft.
 Temperature survey top of cement - 4200'

Attempt to tie cement into 8-5/8" casing unsuccessful; however, a 638 foot cement column above the Vacuum Field porosity zone was obtained. After WOC 48 hours, tested casing with 3000 psi for 30 minutes - no drop in pressure.

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval			Producing Formation(s)	

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						
After Workover						

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

OIL CONSERVATION COMMISSION		Name W. A. Harthorn		ORIGINAL SIGNED BY W. A. HARTHORN	
Approved by		Position Division Mechanical Engineer			
Title		Company Shell Oil Company			
Date					