

## 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 <b>Sun Oil Company</b>		Address <b>Box 2792, Odessa, Texas</b>			
Lease <b>State of New Mexico "C"</b>	Well No. <b>1</b>	Unit Letter <b>E</b>	Section <b>7</b>	Township <b>11S</b>	Range <b>34 E</b>
Date Work Performed	Pool <b>Inbe-Penn Undesignated</b>			County <b>Lea</b>	

THIS IS A REPORT OF: (Check appropriate block)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Beginning Drilling Operations | <input checked="" type="checkbox"/> Casing Test and Cement Job | <input type="checkbox"/> Other (Explain): |
| <input type="checkbox"/> Plugging                      | <input type="checkbox"/> Remedial Work                         |   |

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

**See attachment**

Witnessed by <b>H. L. Patterson</b>	Position <b>Foreman</b>	Company <b>Sun Oil Company</b>
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## FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

## ORIGINAL WELL DATA

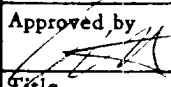
D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

## 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						

OIL CONSERVATION COMMISSION

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

Approved by 	Name <b>A. W. [Signature]</b>
Title	Position <b>Area Superintendent</b>
Date	Company <b>Sun Oil Company</b>

Attachment - Sun Oil Company's - State of New Mexico "C" Well #1

On 1-24-64 - Cut Core #1 - 9710-9770 - Cut 60', recovered 60'. 46' gray to dark gray shale, 14' light gray flaky limestone w/small fracture bleeding oil and water. Core No. 2 - 9770-9830' - cut 60', recovered 60'. 9770-76' - light gray to brown fine crystalline lime, small to med. vugs - show of oil. 9776-78' - dense lime, no show. 9778-80' - gray lime light show of oil. 9780-9830' - gray lime - no show. Schlumberger ran Gamma Ray 0 - 9806', Sonic Log 4004-9824', Caliper Log 4004 - 9824'.

On 1-28-64 ran 81 jts. 4 $\frac{1}{2}$ " 11.6# casing, 77 jts. 4 $\frac{1}{2}$ " 9.5# casing, and 158 jts. 4 $\frac{1}{2}$ " 11.6# casing, seated at 9830.00. Cemented with 300 sacks bulk Trinity Inferno, 4% gel plus .75% CRR-2 plus 1/4# Flocele per sack. Twenty (20) Kluck scratchers spaced 15' apart 9825-9525'. Twenty (20) Kluck centralizers spaced 30' apart 9815-9530'. WOC 24 hours. Tom Hansen ran temperature survey top cement 8375'. Ran 2 $\frac{1}{2}$ " tubing. Tested 4 $\frac{1}{2}$ " casing 1500#, 30 min. o.k. Pulled tubing and ran correlation log 9796-9150'. PGAC perf. 4 $\frac{1}{2}$ " casing, 2 jet shots per foot from 9764-9778'. Reran 2 $\frac{1}{2}$ " tubing - swabbing.

On 2-3-64 Chemical Engineers - acidized perfs. 9764-9778, with 500 gal. CMA 15% acid w/citric buffer down 2 $\frac{1}{2}$ " tubing. Spotted 6 bbls. acid across perfs. and washed 3 bbls. across perfs in 1/2 bbl. stages every 5 minutes. After washing 3 bbls. formation broke down and tubing went on vac. Unable to wash acid and complete job. Swabbed. Well kicked. Tested - flowed 172.34 oil and 58.06 water. Continuing to test.