

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 Sunray Mid-Continent Oil Company				Address P. O. Box 128 Hobbs, New Mexico			
Lease D. Hardy	Well No. 2	Unit G	Letter 29	Section 218	Township 218	Range 37E	
Date Work Performed Sept 8 Oct 2, 1959		Pool Penrose Skelly			County Lea		

THIS IS A REPORT OF: (Check appropriate block)

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

Top of cement in 7" csg at 5046' from previous workover/.

Detailed account of work done, nature and quantity of materials used, and results obtained. /**Installed BOP. Perforated 7" csg 3849' to 3850' w/4 jet holes. Set FB cementer @ 3715'. Pumped thru perforations and established circulation to surface. Circulated 38 bbls Quebracho water and cemented thru cementer w/225 sacks 50/50 Pozmix cement. Full returns. Top of cement by temp survey @ 1810'. Pulled cementer and tbg. Ran csg scraper and bit. Drilled out cement to 3825'. Tstcd csg to 1250# O.K. Pulled bit. Perforated w/4 jet holes per foot 3684-86, 3688-90, 3694-96, 3698-3700, 3736-38, 3740-42, 3749-51, 3770-72, 3781-83, 3791-93, 3802-04, 3810-12. Treated perforations thru 3-1/2" upset tbg w/30,000 gal refined oil and 85,000# sand in 4 equal stages using 84 bbls. Max press 14400# at 13.3 bpm. Minimum press 3700# @ 20 bpm. Average injection rate 16 bpm. Well on vacuum after 18 hours. Swabbed well to natural flow. Killed Penrose Skelly w/oil. Drilled and scraped cement out of 7" csg and cleaned out to 6654. Set Baker "D" packer at 6500'. Ran long string 2" tbg to 6639' w/circulating valve at 6630' and parallel tbg anchor at 3700'. Ran short string 2" tbg w/turned down collars to 3641'. Swabbed in both zones to flow and recovered all load oil. Penrose Skelly Zone test 117 bopd, 92 bwpd, GOR 4300, 35° API.**

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						

OIL CONSERVATION COMMISSION

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

Approved by	Name
Title	Position Robert E. Statton District Engineer
Date	Company Sunray Mid-Continent Oil Company