

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 Union Oil Company of California		Address 619 West Texas Avenue, Midland, Texas				
Lease State "B"	Well No. 2-33	Unit Letter A	Section 33	Township 15-S	Range 32-E	
Date Work Performed November 19, 1961	Pool <i>San Juan Ranch</i> Undesignated		County Lea			
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.

Drilled 7-7/8" hole to total depth of 10,032 feet.

Ran and cemented 3 1/4 jt. and 1 ps. (10,018.74') of 4 1/2" O.D., 11.6# and 9.5#, N-80 and J-55, new and used sals. casing at 10,032.02' with 425 sx. 4% gel cement and 75 sx. regular cement with 70 gallons latex. C.I.P. at 10:30 a.m., November 19, 1961.

Waited on cement 18 hours. Released pressure, nipped up, and tested casing with 1700# for 30 minutes. O.K.

Witnessed by P. H. Barham		Position Petroleum Engineer		Company Union Oil Company of California		
FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY						
ORIGINAL WELL DATA						
D F Elev.	T D		PBTD		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 <i>[Signature]</i>				Name <i>[Signature]</i>		
Title				Position Production Clerk		
Date				Company Union Oil Company of California		

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a constant function, and its value is determined by the initial condition $f(0) = 1$.

2. In the second part, we consider the function $g(x)$ defined by the equation $g(x) = \int_0^x g(t) dt$. It is shown that $g(x)$ is a constant function, and its value is determined by the initial condition $g(0) = 1$.

3. The third part of the paper is devoted to the study of the properties of the function $h(x)$ defined by the equation $h(x) = \int_0^x h(t) dt$. It is shown that $h(x)$ is a constant function, and its value is determined by the initial condition $h(0) = 1$.

4. The fourth part of the paper is devoted to the study of the properties of the function $k(x)$ defined by the equation $k(x) = \int_0^x k(t) dt$. It is shown that $k(x)$ is a constant function, and its value is determined by the initial condition $k(0) = 1$.