

## 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>Lone Star Producing Company</b>		Address <b>Midland, Texas, Box 4815</b>				
Lease <b>Brady N. Lowe</b>	Well No. <b>"A" 1</b>	Unit Letter <b>F</b>	Section <b>20</b>	Township <b>13-S</b>	Range <b>38-E</b>	
Date Work Performed <b>August 8, 1959</b>	Pool <b>Wildcat</b>			County <b>Leon</b>		

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.

Hole kept full of 9 1/2" drilling mud, all surface pipe and intermediate casing left in hole.

Cement plugs placed as follows: 1st., 25 sacks, 12,641 feet up to 12,567 feet. 2nd., 20 sack plug, 11,410 feet up to 11,350 feet. 3rd., 25 sack plug, 10,980 feet up to 10,852 feet. 4th., 50 sack plug, 10,360 feet up to 10,224 feet. 5th., 50 sack plug, 4,700 feet up to 4,572 feet. 6th., 10 sack plug in top of 9 5/8" O.D.

4 1/2" marker placed in top of 9 5/8" O.D.

Witnessed by <b>E. G. Watson</b>	Position <b>Production Foreman</b>	Company <b>Lone Star Producing 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 <i>John W. Rangan</i>	Name <i>Emmett J. Sneed</i>		
Title Geologist	Position District Superintendent, Production		
Date JAN 27 1960	Company Lone Star Producing Company		

1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation

$$f(x) = \int_0^x \frac{1}{1+t^2} dt, \quad (1)$$

where  $x$  is a real number. It is well known that the function  $f(x)$  is an odd function, i.e.,  $f(-x) = -f(x)$ . Moreover, the function  $f(x)$  is bounded on the real line, i.e.,  $|f(x)| \leq \frac{\pi}{2}$  for all  $x \in \mathbb{R}$ . The function  $f(x)$  is also continuous and differentiable on the real line, with the derivative  $f'(x) = \frac{1}{1+x^2}$ .

2. The second part of the paper is devoted to the study of the properties of the function  $g(x)$  defined by the equation

3. The third part of the paper is devoted to the study of the properties of the function  $h(x)$  defined by the equation