

NUMBER OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

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)

30

Name of Company Shell Oil Company				Address P. O. Box 1858, Roswell, New Mexico			
Lease State M	Well No. 7	Unit Letter G	Section 1	Township 21S	Range 35E		
Date Work Performed 2-6-63 thru 2-10-63	Pool Bumont			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.

1. Pulled tubing and packer.
2. Ran 2-100 grains/foot string shots over perforated intervals 3752' - 3772' & 3784' - 3794'.
3. Ran Sweet HD-100 packer on 122 jts. (3774') 2", J-55, 8rd thd tubing open ended, set packer at 3777'.
4. Treated perforations above packer w/1000 gallons 15% MCA, treated perforations below packer w/1000 gallons 15% MCA.
5. Reset packer at 3772'.
6. Recovered load.
7. In 24 hours flowed 28 BG + 7 BW thru 28/64" choke.
FTP 200 psi.

Witnessed by H. B. Leach	Position Production Foreman	Company Shell Oil Company
------------------------------------	---------------------------------------	-------------------------------------

FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

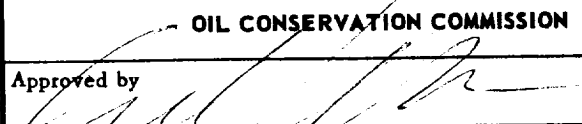
ORIGINAL WELL DATA

D F Elev. 3564'	T D 3835'	P B T D 3825'	Producing Interval 3784' - 3794'	Completion Date 2-9-55
Tubing Diameter 2"	Tubing Depth 3787'	Oil String Diameter 5 1/2"	Oil String Depth 3834'	
Perforated Interval(s) 3752'-3772' & 3784'-3794'				
Open Hole Interval -		Producing Formation(s) Seven Rivers		

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	1-22-63	8	266.7	2	33,333	-
After Workover	2-10-63	28	287.6	7	10,271	-

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

OIL CONSERVATION COMMISSION		Name R. A. Lowery Original Signed By R. A. LOWERY	
Approved by 		Position District Exploitation Engineer	
Title Engineer		Company Shell Oil Company	
Date 2-10-63			

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

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for $x \in \mathbb{R}$. It is shown that $f(x)$ is an odd function and that $f(x) \in (-\frac{\pi}{2}, \frac{\pi}{2})$ for all $x \in \mathbb{R}$.

In the second part, we consider the function $F(x)$ defined by the equation

$$F(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for $x \in \mathbb{R}$. It is shown that $F(x)$ is an odd function and that $F(x) \in (-\frac{\pi}{2}, \frac{\pi}{2})$ for all $x \in \mathbb{R}$.

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

$$G(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for $x \in \mathbb{R}$. It is shown that $G(x)$ is an odd function and that $G(x) \in (-\frac{\pi}{2}, \frac{\pi}{2})$ for all $x \in \mathbb{R}$.

The fourth part of the paper is devoted to the study of the properties of the function $H(x)$ defined by the equation

$$H(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for $x \in \mathbb{R}$. It is shown that $H(x)$ is an odd function and that $H(x) \in (-\frac{\pi}{2}, \frac{\pi}{2})$ for all $x \in \mathbb{R}$.

The fifth part of the paper is devoted to the study of the properties of the function $I(x)$ defined by the equation

$$I(x) = \int_0^x \frac{1}{1+t^2} dt$$
 for $x \in \mathbb{R}$. It is shown that $I(x)$ is an odd function and that $I(x) \in (-\frac{\pi}{2}, \frac{\pi}{2})$ for all $x \in \mathbb{R}$.