

NEW MEXICO STATE LAND OFFICE
OFFICE OF THE STATE GEOLOGIST
SANTA FE, NEW MEXICO

MISCELLANEOUS REPORTS ON WELLS

Submit this report in duplicate to the State Geologist or proper Oil and Gas Inspector within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of water shut-off, result of abandonment of well, and other important operations, even though the work was witnessed by the State Geologist or Oil and Gas Inspector. Reports on minor operations need not be signed and sworn to before a notary public, but such operations should be witnessed by an Oil and Gas inspector if possible.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF SHOOTING WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF WATER SHUT-OFF	X	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF ABANDONMENT OF WELL			

Cooper New Mexico

4/18/35

Place

Date

Mr. **F. J. Vesely** State Geologist,

Santa Fe, N. Mex.

Following is a report on the work done and the results obtained under the heading noted above at the **General Crude Oil Company** **Woolwerth** Well No. **1** in the

Company or Operator

of Sec. **26** ^{Lease}

T. **24** S. R. **36**

N. M. P. M.,

Cooper Lea

Oil Field,

Lea

County.

The dates of this work were as follows: **4/17/35** **4/14/35**

Notice of intention to do the work was (~~was not~~) submitted on Form SG **-103** on **4/8/35** 19____, and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

4/14/35 - Set 1344'10" 40# Seamless Steel Range 2 grade 6 casing and cemented with 500 sacks of cement, at total depth of 1344'10"

4/17/35 - Tested 9-5/8" casing to 900# pressure and set for 2 hours with out any decrease in pressure.

Subscribed and sworn to before me this

_____ day of _____, 19____

Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name **W. A. Pray**

Position **Dist. Supt.**

Representing **General Crude Oil Company.**

Address **Box 685, Wink, Texas.**

My Commission expires _____

Remarks:

Name

Title

Mr. D

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 this function is increasing and concave down on the interval $(-\infty, \infty)$.

2. In the second part, we consider the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^4} dt, \quad (2)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

3. In the third part, we consider the function $h(x)$ defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^6} dt, \quad (3)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

4. In the fourth part, we consider the function $k(x)$ defined by the equation

$$k(x) = \int_0^x \frac{1}{1+t^8} dt, \quad (4)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

5. In the fifth part, we consider the function $l(x)$ defined by the equation

$$l(x) = \int_0^x \frac{1}{1+t^{10}} dt, \quad (5)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

6. In the sixth part, we consider the function $m(x)$ defined by the equation

$$m(x) = \int_0^x \frac{1}{1+t^{12}} dt, \quad (6)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

7. In the seventh part, we consider the function $n(x)$ defined by the equation

$$n(x) = \int_0^x \frac{1}{1+t^{14}} dt, \quad (7)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

8. In the eighth part, we consider the function $o(x)$ defined by the equation

$$o(x) = \int_0^x \frac{1}{1+t^{16}} dt, \quad (8)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.