

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent 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 casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

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

Monument, New Mexico

October 8, 1936

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the _____

Amerada Petroleum Corporation State TX Well No. 5 in the _____
Company or Operator Lease
SW 1/4 NE 1/4 of Sec. 20, T. 19, R. 37, N. M. P. M.,
Monument Field, Lea County.

The dates of this work were as follows: _____

September 29, 1936

Notice of intention to do the work was [~~was not~~] submitted on Form C-102 on _____
and approval of the proposed plan was [~~was not~~] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilling Started on this well on October 8, 1936

Witnessed by <u>Bill Hines</u>	<u>Two States Drilling Co.</u>	<u>Partner</u>
Name	Company	Title

Subscribed and sworn to before me this 9

day of Oct, 1936

Patricia Mahoney
Notary Public

My Commission expires 10-24-39

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

Name J. J. Stanley

Position Farm Boss

Representing Amerada Petroleum Corporation

Address Monument, New Mexico
Company or Operator

Remarks:

J. J. Stanley
Name
Title

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

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

It is shown that the function $f(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $f'(x) = \frac{1}{1+x^2}$. It is also shown that the function $f(x)$ is bounded on the interval $(-\infty, \infty)$.

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

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

It is shown that the function $g(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$.

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

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

It is shown that the function $h(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $h'(x) = \frac{1}{1+x^6}$.

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

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

It is shown that the function $k(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$.

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

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

It is shown that the function $l(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$.

6. The sixth part of the paper is devoted to the study of the properties of the function $m(x)$ defined by the equation

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

It is shown that the function $m(x)$ is continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $m'(x) = \frac{1}{1+x^{12}}$.