

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 REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL REPORT ON RESULT OF TEST OF CASING SHUT-OFF REPORT ON RESULT OF PLUGGING OF WELL	REPORT ON REPAIRING WELL REPORT ON PULLING OR OTHERWISE ALTERING CASING REPORT ON DEEPENING WELL
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Monument, New Mexico

Place

January 27, 1937

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 T. Anderson Well No. 2 in the
Company or Operator Lease
S $\frac{1}{2}$ S $\frac{1}{2}$ of Sec. 8, T. 20, R. 37, N. M. P. M.,
Monument Field, Lea County.

The dates of this work were as follows: _____

Notice of intention to do the work was ~~[was not]~~ submitted on Form C-102 on January 24, 1937 19____
and approval of the proposed plan was ~~[was not]~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

8 5/8" 32# 8-Thd. New Seamless casing was set in this well at 2404' and cemented by the Halliburton Method with 600 sacks.

Casing and fittings were tested with 1200# pump pressure and allowed to stand undisturbed for thirty minutes. No drop in pressure resulted so the cement was then drilled out of the casing and the same test of 1200# pump pressure again applied and allowed to stand undisturbed for thirty minutes. No drop in pressure resulted so the drilling was then resumed.

Witnessed by Claud Cook Noble Drilling Co. Tool Pusher
Name Company Title

Subscribed and sworn to before me this _____

27th day of January, 1937
Ward E. Quinn
Notary Public

My Commission expires Dec 21, 1946

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

Name J. A. Stankus
Position Farm Boss

Representing Amerada Petroleum Corporation
Company or Operator

Address Monument, New Mexico

Remarks:

[Signature]
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 increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $f(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $f(x)$ is also shown to be continuous and differentiable 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

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

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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 increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $h(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $h(x)$ is also shown to be continuous and differentiable on the interval $(-\infty, \infty)$.

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 increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $k(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $k(x)$ is also shown to be 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 increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $l(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $l(x)$ is also shown to be 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 increasing and concave down on the interval $(-\infty, \infty)$. Moreover, the function $m(x)$ is bounded on the interval $(-\infty, \infty)$ and its range is the interval $(-\frac{\pi}{2}, \frac{\pi}{2})$. The function $m(x)$ is also shown to be continuous and differentiable on the interval $(-\infty, \infty)$.