

1 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 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 | XXX | REPORT ON DEEPENING WELL | |
| REPORT ON RESULT OF PLUGGING OF WELL | | | |

Wink, Texas, January 24, 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 _____

The Texas Company

State **"E"**

Well No. **3** in the _____

Company or Operator

SW 1/4

of Sec. **1**

Lease

20 S

36 E

N. M. P. M.,

Monument

Field,

Lea

County.

The dates of this work were as follows: **See below.**

Notice of intention to do the work was ~~submitted~~ submitted on Form C-102 on **January 20,** 19**36** and approval of the proposed plan was [was not] obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

T.D.3798' Lime. Ran 3777' of 7" OD 24# 10thd seamless casing, cemented at 3795' with 250 sacks El Toro OWS cement. Completed cementing at 5:30PM 1-19-36. Halliburton method.

Drilled plug 9AM 1-23-36. Tested casing with 1200# pressure before and after drilling plug; tested OK.

Witnessed by _____
Name _____ Company _____ Title _____

Subscribed and sworn to before me this _____

24 day of **Jan.**, 19**36**

W. E. Chapman
Notary Public

My Commission expires **5-31-37**

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

Name *W. E. Chapman*

Position **Division Superintendent**

Representing **The Texas Company**

Address **Box K, Wink, Texas.**

Remarks:

W. E. Chapman
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 $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

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

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

It is shown that the function $g(x)$ is increasing and concave up on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

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

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

It is shown that the function $h(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

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

$$k(x) = \int_0^x \frac{t^3}{1+t^2} dt.$$

It is shown that the function $k(x)$ is increasing and concave up on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

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

$$l(x) = \int_0^x \frac{t^4}{1+t^2} dt.$$

It is shown that the function $l(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

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

$$m(x) = \int_0^x \frac{t^5}{1+t^2} dt.$$

It is shown that the function $m(x)$ is increasing and concave up on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

7. The seventh part of the paper is devoted to the study of the properties of the function $n(x)$ defined by the equation

$$n(x) = \int_0^x \frac{t^6}{1+t^2} dt.$$

It is shown that the function $n(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

8. The eighth part of the paper is devoted to the study of the properties of the function $o(x)$ defined by the equation

$$o(x) = \int_0^x \frac{t^7}{1+t^2} dt.$$

It is shown that the function $o(x)$ is increasing and concave up on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

9. The ninth part of the paper is devoted to the study of the properties of the function $p(x)$ defined by the equation

$$p(x) = \int_0^x \frac{t^8}{1+t^2} dt.$$

It is shown that the function $p(x)$ is increasing and concave down on the interval $(-\infty, \infty)$. The maximum value of the function is $\frac{\pi}{2}$ at $x=0$. The function approaches $-\frac{\pi}{2}$ as $x \rightarrow -\infty$ and $\frac{\pi}{2}$ as $x \rightarrow \infty$.

10. The tenth part of the paper is devoted to the study of the properties of the function $q(x)$ defined by the equation

$$q(x) = \int_0^x \frac{t^9}{1+t^2} dt.$$