

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELL

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-offs, 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	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Wink, Texas September 29, 1938

Place

Date

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico.

Gentlemen:

DUPLICATE

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

The Texas Company E.D. FanningWell No. **2** in the

Company or Operator

Lease

NW-1/4 of NE-1/4of Sec. **4**T. **24 S.**R. **37 E.**

N. M. P. M.,

Mattix Area

Field,

Lea

County

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

Notice of intention to do the work was ~~received~~ submitted on Form C-102 on **September 24, 1938**
and approval of the proposed plan was ~~was not~~ obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Set and cemented 3343' (108 Jts.) of 7" OD, 24#, seamless casing at 3349' with 125 sacks of El Toro cement. Completed cementing at 12:00 Noon. 9-22-38.

Drilled plug at 3:00 PM. 9-26-38. Bailed hole dry, let stand one hour, tested OK. Hole dry.

Witnessed by

Name

Company

HOBBBS OFFICE

Subscribed and sworn to before me this

29th day of **September**, 19 **38**

Notary Public

My Commission expires **5-31-39**

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

Name

Position

District Superintendent

Representing

The Texas Company

Company or Operator

Address

Drawer "K" Wink, Texas

Remarks:

Name

OIL & GAS INSPECTOR

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 $(-\infty, \infty)$ and that its range is the interval $(0, \frac{\pi}{2})$.

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 continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $g'(x) = \frac{x}{1+x^2}$. It is also shown that the function $g(x)$ is bounded on the interval $(-\infty, \infty)$ and that its range is the interval $(-\frac{\pi}{4}, \frac{\pi}{4})$.

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 continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $h'(x) = \frac{x^2}{1+x^2}$. It is also shown that the function $h(x)$ is bounded on the interval $(-\infty, \infty)$ and that its range is the interval $(0, \frac{\pi}{2})$.

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 continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $k'(x) = \frac{x^3}{1+x^2}$. It is also shown that the function $k(x)$ is bounded on the interval $(-\infty, \infty)$ and that its range is the interval $(-\frac{\pi}{4}, \frac{\pi}{4})$.

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 continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $l'(x) = \frac{x^4}{1+x^2}$. It is also shown that the function $l(x)$ is bounded on the interval $(-\infty, \infty)$ and that its range is the interval $(0, \frac{\pi}{2})$.

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 continuous and differentiable on the interval $(-\infty, \infty)$. The derivative of the function is found to be $m'(x) = \frac{x^5}{1+x^2}$. It is also shown that the function $m(x)$ is bounded on the interval $(-\infty, \infty)$ and that its range is the interval $(-\frac{\pi}{4}, \frac{\pi}{4})$.

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