

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			

Midland, TexasApril 25, 1939

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's Company's St. of New Mexico "H" Liew Well No. 18 in the

Company or Operator

Lease

NE 1/4 NW 1/4of Sec. 19T. 20-SR. 37-E

N. M. P. M.,

Monument

Field,

Lea

County

The dates of this work were as follows:

Notice of intention to do the work was (~~submitted~~) submitted on Form C-102 on April 24 1939
 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 119' of 10-3/4" 32.75# Electric Weld Casing (3 Jts) at 134' with 150 sacks of El Toro Cement. Completed cementing at 6:00 A.M. 4-23-39.

Drilled plug at 6:00 P.M. 4-24-39. Tested casing before and after drilling plug with 1000# pressure. Texted OK.

Witnessed by

Name

Company

Title

Subscribed and sworn to before me this

25th

Day of

April, 1939

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

HOBBES OFFICE

Name

Position District SuperintendentRepresenting The Texas Company

Company or Operator

My Commission expires

5-31-39

Address

Box 1270, Midland, Texas

Remarks:

Ray Harkness
 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 increasing and concave down on the interval $(-\infty, \infty)$. The limits of the function as $x \rightarrow \pm\infty$ are also determined.

2. In the second part of the paper, the properties of the function $f(x)$ are studied more in detail. It is shown that the function $f(x)$ is a solution of the differential equation

$$f'(x) = \frac{1}{1+x^2}, \quad f(0) = 0.$$

It is also shown that the function $f(x)$ is a solution of the integral equation

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

3. In the third part of the paper, the properties of the function $f(x)$ are studied more in detail. It is shown that the function $f(x)$ is a solution of the differential equation

$$f'(x) = \frac{1}{1+x^2}, \quad f(0) = 0.$$

It is also shown that the function $f(x)$ is a solution of the integral equation

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

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

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

4. In the fourth part of the paper, the properties of the function $f(x)$ are studied more in detail. It is shown that the function $f(x)$ is a solution of the differential equation

$$f'(x) = \frac{1}{1+x^2}, \quad f(0) = 0.$$

It is also shown that the function $f(x)$ is a solution of the integral equation

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