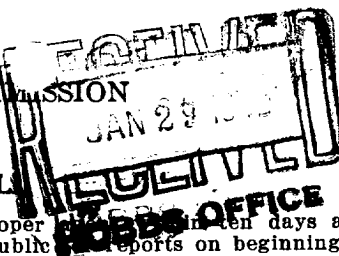


DUPLICATE

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. 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 8 5/8"	XX	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Hobbs, New Mexico

January 26, 1940

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

Gulf Oil Corp-Gypsy Prodn. Div. R. A. Butler State Well No. 2 in the

Company or Operator

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Field,

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County

The dates of this work were as follows: Cemented Jan 23, 1940. Tested Jan 25, 1940

Notice of intention to do the work was ~~submitted~~ submitted on Form C-102 on January 23, 1940 19 and approval of the proposed plan was ~~was not~~ obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

The hole was washed down, the casing tested with 1200# pressure applied for 30 mins., the plug drilled and the hole tested with 1200# pressure applied for 30 mins., both tests were OK and after approval of Mr. Yarbrough, State Oil and Gas Inspector, preparations were made to drill ahead.

Ralph Clarkson
HendersonGulf Oil Corporation
Parker Drlg CompanyField Foreman
Tool Pusher

Witnessed by

Name

Company

Title

Subscribed and sworn to before me this

26th

day of

January

19 40

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

Name

Position

Representing Gulf Oil Corp-Gypsy Prodn. Div.

Company or Operator

Address

Hobbs, New Mexico.

My Commission expires February 25, 1942

Remarks:

Roy Yarbrough
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

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

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

2. In the second part, we consider the function $g(x)$ defined by the equation

$$g(x) = \int_0^x \frac{1}{1+t^4} dt, \quad (2)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

3. In the third part, we consider the function $h(x)$ defined by the equation

$$h(x) = \int_0^x \frac{1}{1+t^6} dt, \quad (3)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

4. In the fourth part, we consider the function $k(x)$ defined by the equation

$$k(x) = \int_0^x \frac{1}{1+t^8} dt, \quad (4)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

5. In the fifth part, we consider the function $l(x)$ defined by the equation

$$l(x) = \int_0^x \frac{1}{1+t^{10}} dt, \quad (5)$$

where x is a real number. It is well known that this function is increasing and concave down on the interval $(-\infty, \infty)$.

6. In the sixth part, we consider the function $m(x)$ defined by the equation

$$m(x) = \int_0^x \frac{1}{1+t^{12}} dt, \quad (6)$$