

1 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 REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL	X	REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Hobbs, New Mexico

4-3-43

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

Anderson-Prichard Oil Corporation, State "A" -28 Well No. 1 in the
Company or Operator Lease

C SE/4 of NE/4 of Sec. 28, T. 26S, R. 37E, N. M. P. M.,
Rhodes Field, Lea County.

The dates of this work were as follows: March 31, 1943Notice of intention to do the work was (~~report~~) submitted on Form C-102 on 3-29 19 43and approval of the proposed plan was (~~report~~) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Well was shot from 3278' to 3303' with 65 quarts LNG. Shot tamped with 20' pea gravel and 30' Cal Seal. After Cleaning out, tubing was landed at 3288' and well swabbed in. After unloading well made 5 BOPH on 5 hour test with gas-oil ratio of 1500.

Witnessed by _____ Name _____ Company _____ Title _____

Subscribed and sworn before me this _____

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

3rd day of April, 1943Name San P. JagersPosition District ClerkRepresenting Anderson-Prichard Oil Corporation
Company or OperatorMy commission expires 2/3/45Address Box 1697, Hobbs, New Mexico

Remarks:

Roy Garbrough
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

$$f(x) = \int_0^x \frac{1}{1+t^2} dt$$
for $x \in \mathbb{R}$. It is shown that $f(x)$ is an odd function, i.e., $f(-x) = -f(x)$, and that it is strictly increasing. Moreover, it is proved that $f(x)$ is bounded on any finite interval, and that its range is the interval $(-\pi/2, \pi/2)$. The function $f(x)$ is also shown to be concave down for $x > 0$ and concave up for $x < 0$.

2. The second part of the paper is devoted to the study of the function

$$g(x) = \int_0^x \frac{1}{1+t^4} dt$$
for $x \in \mathbb{R}$. It is shown that $g(x)$ is an even function, i.e., $g(-x) = g(x)$, and that it is strictly increasing for $x > 0$ and strictly decreasing for $x < 0$.

3. The third part of the paper is devoted to the study of the function

$$h(x) = \int_0^x \frac{1}{1+t^6} dt$$
for $x \in \mathbb{R}$. It is shown that $h(x)$ is an odd function, i.e., $h(-x) = -h(x)$, and that it is strictly increasing.

4. The fourth part of the paper is devoted to the study of the function

$$k(x) = \int_0^x \frac{1}{1+t^8} dt$$
for $x \in \mathbb{R}$. It is shown that $k(x)$ is an even function, i.e., $k(-x) = k(x)$, and that it is strictly increasing for $x > 0$ and strictly decreasing for $x < 0$.

5.

6. The fifth part of the paper is devoted to the study of the function

$$l(x) = \int_0^x \frac{1}{1+t^{10}} dt$$
for $x \in \mathbb{R}$. It is shown that $l(x)$ is an odd function, i.e., $l(-x) = -l(x)$, and that it is strictly increasing.

7. The sixth part of the paper is devoted to the study of the function