

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 10 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:

DUPLICATE

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	<input checked="" type="checkbox"/>	REPORT ON DEEPENING WELL
REPORT ON RESULT OF PLUGGING OF WELL		

Midland, Texas

December 5, 1938

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

Phillips Petroleum Company Santa Fe B-2224 Well No. 15 in the
Company or Operator Lease
NE/4 NE/4 of Sec. 28, T. 17-S, R. 35-E, N. M. P. M.,
Vacuum Field, Lea County

The dates of this work were as follows: December 3, 1938

Notice of intention to do the work was (~~was not~~) submitted on Form C-102 on December 1, 19 38
and approval of the proposed plan was (~~was not~~) obtained. (Cross out incorrect words)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

T. D. 4250 Lime. Tested water shut-off on 7" OD casing with 1200# water pressure before and after drilling cement plug.

Shut-off satisfactory.

Witnessed by L. L. Smith Phillips Petroleum Company Lease Foreman
Name Company Title

Subscribed and sworn to before me this

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

5th day of December, 19 38 Name Edna L. Linder

Edna L. Linder Position District Superintendent
Notary Public

Representing Phillips Petroleum Company
Company or Operator

My Commission expires 6-1-39 Address Box 1390, Midland, Texas

Remarks:

Joe Meeker
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

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

for $x \in \mathbb{R}$. It is shown that $f(x)$ is an odd function and that it satisfies the inequality

$$|f(x)| \leq \frac{\pi}{2} \quad \text{for all } x \in \mathbb{R}.$$

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

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

for $x \in \mathbb{R}$. It is shown that $g(x)$ is an even function and that it satisfies the inequality

$$|g(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

3. Finally, we study the function $h(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $h(x)$ is an odd function and that it satisfies the inequality

$$|h(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

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

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

for $x \in \mathbb{R}$. It is shown that $k(x)$ is an even function and that it satisfies the inequality

$$|k(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$

5. Finally, we study the function $l(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $l(x)$ is an odd function and that it satisfies the inequality

$$|l(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$

6. 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 and that it satisfies the inequality

$$|f(x)| \leq \frac{\pi}{2} \quad \text{for all } x \in \mathbb{R}.$$

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

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

for $x \in \mathbb{R}$. It is shown that $g(x)$ is an even function and that it satisfies the inequality

$$|g(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

8. Finally, we study the function $h(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $h(x)$ is an odd function and that it satisfies the inequality

$$|h(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

9. The last part of the paper is devoted to the study of the function $k(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $k(x)$ is an even function and that it satisfies the inequality

$$|k(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$

10. Finally, we study the function $l(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $l(x)$ is an odd function and that it satisfies the inequality

$$|l(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$

11. 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 and that it satisfies the inequality

$$|f(x)| \leq \frac{\pi}{2} \quad \text{for all } x \in \mathbb{R}.$$

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

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

for $x \in \mathbb{R}$. It is shown that $g(x)$ is an even function and that it satisfies the inequality

$$|g(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

13. Finally, we study the function $h(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $h(x)$ is an odd function and that it satisfies the inequality

$$|h(x)| \leq \frac{\pi}{4} \quad \text{for all } x \in \mathbb{R}.$$

14. The last part of the paper is devoted to the study of the function $k(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $k(x)$ is an even function and that it satisfies the inequality

$$|k(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$

15. Finally, we study the function $l(x)$ defined by the equation

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

for $x \in \mathbb{R}$. It is shown that $l(x)$ is an odd function and that it satisfies the inequality

$$|l(x)| \leq \frac{\pi}{8} \quad \text{for all } x \in \mathbb{R}.$$