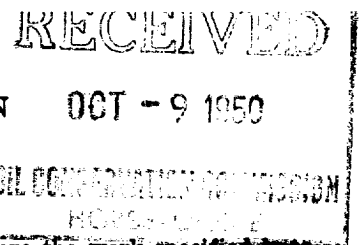


NEW MEXICO OIL CONSERVATION COMMISSION



SANTA FE, NEW MEXICO

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of notice by checking below:

NOTICE OF INTENTION TO TEST CASING SHUT-OFF	<input checked="" type="checkbox"/>	NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	<input type="checkbox"/>
NOTICE OF INTENTION TO REPAIR WELL	<input type="checkbox"/>	NOTICE OF INTENTION TO PLUG WELL	<input type="checkbox"/>
NOTICE OF INTENTION TO DEEPEN WELL	<input type="checkbox"/>		

Magnolia, ArkansasOctober 2, 1950

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico.

Gentlemen:

Following is a notice of intention to do certain work as described below at the _____

McAlester Fuel Company J. M. Danton Well No. A-2 in SW/4, SE/4
Company or Operator Lease
of Sec. 11, T. 15 S, R. 37 East, N. M. P. M., Danton Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Drilled to T. D. 9580'. 5½" casing set @ 9579' and cemented w/400 sacks Slo-set cement. 132 sacks Wellite and 100 sacks Heat cement. Ran Temperature Survey which revealed top of cement to be at 7270' Intend to drill out cement inside 5½" casing and test for water shut off.

If casing shut-off satisfactory, then intend to selectively perforate the upper Wolfcamp horizon 9055'-9070'; 9077'-9106'; 9119'-9128'; 9140'-9165'; 9170'-9206'; 9216'-9230' with 4 Jet shots per foot. (138' w/4 or 552 shots) and addize for completion

Approved _____, 19____
except as follows:

OCT - 9 1950

McAlester Fuel Company

Company or Operator

By Vernon TurnerPosition Engineer

Send communications regarding well to

Name Charles DillardAddress Box 210 - Magnolia, Arkansas

OIL CONSERVATION COMMISSION,

By R. S. [Signature]Title Engineer District 1

1. The first part of the paper is devoted to the study of the

properties of the function $f(x)$ defined by

$$f(x) = \sum_{n=0}^{\infty} \frac{a_n}{n!} x^n$$

where a_n are the coefficients of the power series. It is shown that the function $f(x)$ is analytic in the whole plane and that it satisfies the differential equation

$$f'(x) = f(x) + x f''(x)$$

which is a special case of the more general equation

$$f'(x) = f(x) + x f''(x) + \dots + x^n f^{(n+1)}(x)$$

where n is a non-negative integer. The function $f(x)$ is called the n -th order Bessel function.

2. In the second part of the paper, the properties of the function $f(x)$ are studied in more detail. It is shown that the function $f(x)$ is bounded in the whole plane and that it has a unique zero at $x=0$.

3. The third part of the paper

is devoted to the study of the

properties of the function $f(x)$ defined by

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4. In the fourth part of the paper, the properties of the function $f(x)$ are studied in more detail. It is shown that the function $f(x)$ is bounded in the whole plane and that it has a unique zero at $x=0$.

5. The fifth part of the paper is devoted to the study of the

properties of the function $f(x)$ defined by

$$f(x) = \sum_{n=0}^{\infty} \frac{a_n}{n!} x^n$$

where a_n are the coefficients of the power series. It is shown that the function $f(x)$ is analytic in the whole plane and that it satisfies the differential equation

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6. In the sixth part of the paper, the properties of the function $f(x)$ are studied in more detail. It is shown that the function $f(x)$ is bounded in the whole plane and that it has a unique zero at $x=0$.

7. The seventh part of the paper is devoted to the study of the

properties of the function $f(x)$ defined by

$$f(x) = \sum_{n=0}^{\infty} \frac{a_n}{n!} x^n$$

where a_n are the coefficients of the power series. It is shown that the function $f(x)$ is analytic in the whole plane and that it satisfies the differential equation

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