

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	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL		NOTICE OF INTENTION TO PLUG WELL	
NOTICE OF INTENTION TO DEEPEN WELL			

Odessa, Texas

February 25, 1948

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 Oil Well Remedial Service
State B Well No. #1 in

Company or Operator Lea of Sec. 13, T. 21 S., R. 34 E, N. M. P. M., West Eunice Field.
County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

8 5/8" casing - 32 # - 195' - sand & red bed
Landed 195' of casing and circulated ~~XXXX~~ cement to surface
using 150 sacks of cement.
Pressure tested to 500 # - T.D. 195'

Approved _____ 19____
except as follows:

OIL CONSERVATION COMMISSION,

By _____

Title _____

Oil Well Remedial Service

Company or Operator

By _____

Position _____

Managing Partner

Send communications regarding well to

Name _____

Oil Well Remedial Service

Address _____

1725 N. Grant - Odessa, Texas

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

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

$$f(0) = 1$$

$$f(1) = e$$

$$f(2) = e^2$$

$$f(3) = e^3$$

$$f(4) = e^4$$

$$f(5) = e^5$$

$$f(6) = e^6$$

$$f(7) = e^7$$

$$f(8) = e^8$$

$$f(9) = e^9$$

$$f(10) = e^{10}$$

$$f(11) = e^{11}$$

$$f(12) = e^{12}$$

$$f(13) = e^{13}$$

$$f(14) = e^{14}$$

$$f(15) = e^{15}$$

$$f(16) = e^{16}$$

$$f(17) = e^{17}$$

$$f(18) = e^{18}$$

$$f(19) = e^{19}$$

$$f(20) = e^{20}$$

$$f(21) = e^{21}$$

$$f(22) = e^{22}$$

$$f(23) = e^{23}$$

$$f(24) = e^{24}$$

$$f(25) = e^{25}$$

$$f(26) = e^{26}$$

$$f(27) = e^{27}$$

$$f(28) = e^{28}$$

$$f(29) = e^{29}$$

$$f(30) = e^{30}$$

$$f(31) = e^{31}$$

$$f(32) = e^{32}$$

$$f(33) = e^{33}$$

$$f(34) = e^{34}$$

$$f(35) = e^{35}$$

$$f(36) = e^{36}$$

$$f(37) = e^{37}$$

$$f(38) = e^{38}$$

$$f(39) = e^{39}$$

$$f(40) = e^{40}$$

where e is the base of the natural logarithm. It is also shown that the function $f(x)$ is the unique solution of the differential equation

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

$$f(0) = 1$$

$$f(1) = e$$

$$f(2) = e^2$$

$$f(3) = e^3$$

$$f(4) = e^4$$

$$f(5) = e^5$$

$$f(6) = e^6$$

$$f(7) = e^7$$

$$f(8) = e^8$$

$$f(9) = e^9$$

$$f(10) = e^{10}$$

$$f(11) = e^{11}$$

$$f(12) = e^{12}$$

$$f(13) = e^{13}$$

$$f(14) = e^{14}$$

$$f(15) = e^{15}$$

$$f(16) = e^{16}$$

$$f(17) = e^{17}$$

$$f(18) = e^{18}$$

$$f(19) = e^{19}$$

$$f(20) = e^{20}$$

$$f(21) = e^{21}$$

$$f(22) = e^{22}$$

$$f(23) = e^{23}$$

$$f(24) = e^{24}$$

$$f(25) = e^{25}$$

$$f(26) = e^{26}$$

$$f(27) = e^{27}$$

$$f(28) = e^{28}$$

$$f(29) = e^{29}$$

$$f(30) = e^{30}$$

$$f(31) = e^{31}$$

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$$f(39) = e^{39}$$

$$f(40) = e^{40}$$