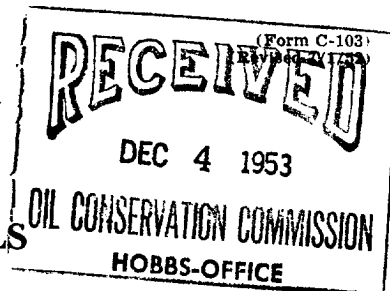


DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico



MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work specified is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. 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 RESULT OF TEST OF CASING SHUT-OFF	<input checked="" type="checkbox"/>	REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other)	

Dec. 3, 1953

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Skelly Oil Company

(Company or Operator)

Mexico "J"

(Lease)

Cactus Drilling Co.

(Contractor)

, Well No. 12 in the NE 1/4 SW 1/4 of Sec. 32

T. 24S, R. 38E, NMPM, Dollarhide Queens Pool, Lea County.

The Dates of this work were as follows: Nov. 30, 1953 thru Dec. 2, 1953

Notice of intention to do the work (~~was~~ (was not) submitted on Form C-102 on _____, 19____, (Cross out incorrect words)

and approval of the proposed plan (~~was~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Drilled to 1202'. Set 8-5/8" OD casing at 1202' with 400 sacks cement by Halliburton process. Cement circulated to surface. WOC 48 hours and drilled out cement plug. Tested casing shut-off. Shut-off tested okay.

Witnessed by R. L. Calhoon
(Name)

Skelly Oil Company
(Company)

Dist. Foreman
(Title)

Approved:

OIL CONSERVATION COMMISSION

I hereby certify that the information given above is true and complete to the best of my knowledge.

Name J. N. Dunlavy

Position Dist. Supt.

Representing Skelly Oil Company

Address Box 38 - Hobbs, New Mexico

Engineer District 1

(Title)

DEC 4 1953

(Date)

1. The first part of the paper is devoted to the study of the properties of the function $f(x)$ defined by the equation $f(x) = \int_0^x f(t) dt$. It is shown that $f(x)$ is a continuous function and that it satisfies the differential equation $f'(x) = f(x)$. The solution of this equation is $f(x) = Ce^{x^2/2}$, where C is a constant. The value of C is determined by the initial condition $f(0) = 1$, which gives $C = 1$. Therefore, the function $f(x)$ is $f(x) = e^{x^2/2}$.