

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

NOTICE OF INTENTION TO DRILL

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Midland, Texas

December 12

1949

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico,

Place

Date

Gentlemen:

You are hereby notified that it is our intention to commence the drilling of a well to be known as _____

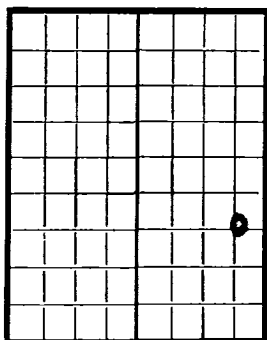
James D. Erwin

State-Phillips well No. I in NE 1/4 of SE 1/4

Company or Operator

Lease

of Sec. 26, T. 17-S, R. 13-E, N. M., P. M., West Vacuum Area, Lea County.



AREA 640 ACRES

LOCATE WELL CORRECTLY

The well is 660' feet (N) (S) of the North line and 660' feet (E) (W) of the East line of the SE 1/4 of Sec. 26, 17-S, 13E

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. B-2229 Assignment No. _____

If patented land the owner is _____

Address _____

If government land the permittee is _____

Address _____

The lessee is James D. Erwin by assignment from Phillips

Address Box 1101 Midland, Texas

We propose to drill well with drilling equipment as follows: Rotary Tools

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows: Application has been made

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Shocks Cement
11"	8 5/8"	32 lb.	Second Hand	1500'	Cemented	200, 2-stage
7 7/8"	5 1/2"	14 lb.	New	4700'	Cemented	100

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 4700' feet.

Additional information:

Approved _____, 1949

except as follows:

Sincerely yours,

James D. Erwin
Company or Operator

By _____

Position _____

Send communications regarding well to

Name James D. Erwin

Address Box 1101, Midland, Texas

OIL CONSERVATION COMMISSION,

By *Noly Yearhough*

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

$$f(x) = \int_0^x f(t) dt + \int_0^x f(t) dt + \int_0^x f(t) dt + \dots$$

It is shown that the function $f(x)$ is continuous and differentiable at every point x of the interval $[0, 1]$. The derivative of the function is given by the formula

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

It is also shown that the function $f(x)$ satisfies the functional equation

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