

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.

Artesia, New Mexico

October 29,

1949

Place

Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico,

Gentlemen:

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

Buffalo Oil Company

Well No. 1

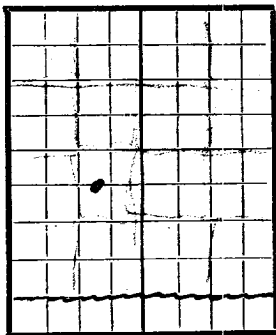
in NE  $\frac{1}{4}$  SW  $\frac{1}{4}$ 

Company or Operator

Lease

of Sec. 5, T. 17, R. 32, N. M., P. M., N. Maljamar Field, Lea County.

N



AREA 640 ACRES

LOCATE WELL CORRECTLY

See detail plan on reverse side

The well is 1980 feet (N.) (E.) of the South line and 1650 feet (E.) (W.) of the West line of Sec. 5-17-32

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

If state land the oil and gas lease is No. Assignment No.

If patented land the owner is

Address

If government land the permittee is Grace Mitchell

Address 162 East 83rd St., New York, N. Y

The lessee is Buffalo Oil Company

Address Artesia, New Mexico

We propose to drill well with drilling equipment as follows: Cable 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: Blanket Bond

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	Sacks Cement
12 $\frac{1}{2}$	10-3/4	40.5	Second hand	500	Land & Mud	200
10	8-5/8	24	Second hand	850	Land & Mud	
8	7	23	New	3200	Land & Mud	
6 $\frac{1}{4}$	5 $\frac{1}{2}$	15.5	New	3650	Cement	

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 3735 feet.

Additional information:

Approved \_\_\_\_\_, 19\_\_\_\_

except as follows:

Sincerely yours,

Buffalo Oil Company

Company or Operator

By

Position Vice Pres.

Send communications regarding well to

Name Buffalo Oil Company

Address Artesia, New Mexico

OIL CONSERVATION COMMISSION,

By \_\_\_\_\_

Title \_\_\_\_\_

This well will be drilled with cable tools to a depth of approximately 4000 ft. It is anticipated that water will be encountered at approximately 675' and in the Artesia Red Sand at approximately 3125 ft.

We will run mud casing approximately as follows:

500 ft.	10-3/4" OD Casing
850 ft.	8-5/8" OD Casing
3200 ft.	7" OD Casing

The well will then be drilled to total depth, and if a paying well is obtained the various pay zones will be shot, after having secured approval of shooting program, which will be submitted after the well has been drilled to total depth and before running shots. These shots will be Calsealed in.

After the well is shot and cleaned out, a Calseal bridge will be placed in the well at approximately 3650 ft.

Five and one-half inch OD Casing will be run to the top of the Calseal bridge at approximately 3650', the 7", 8-5/8" and 10-3/4" casing will be pulled and the 5 1/2" casing cemented with a two-stage cement job, using 100 sacks of cement at the casing shoe, and 100 sacks of cement through a two-stage tool above the top of the salt, at approximately 950 ft. The Calseal bridge will then be drilled out.