

## NEW MEXICO OIL CONSERVATION COMMISSION

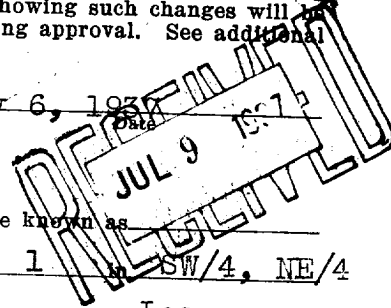
Santa Fe, New Mexico

## NOTICE OF INTENTION TO DRILL

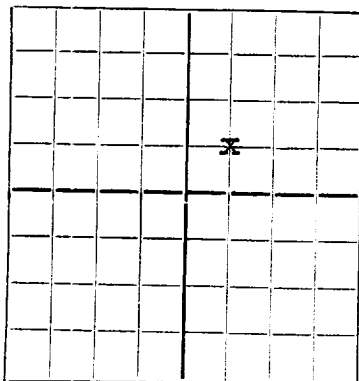
Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will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

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico.  
Gentlemen:

Hobbs, New Mexico July 6, 1937



You are hereby notified that it is our intention to commence the drilling of a well to be known as  
Skelly Oil Company E. N. Grizzell Well No. 1 in SW/4, NE/4  
Company or Operator Lease  
of Sec. 6, T. 22S, R. 37E, N. M. P.M., Eunice Field, Lea County.  
N.



AREA 640 ACRES  
LOCATE WELL CORRECTLY

The well is 1980 feet (N.) (S.) of the North line and 1980 feet  
(E.) (W.) of the East line of Section 6

(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 E. N. Grizzell

Address Eunice, New Mexico

If government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The lessee is Skelly Oil Company

Address Tulsa, Oklahoma

We propose to drill well with drilling equipment as follows:  
Spudder to total depth.

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: \_\_\_\_\_

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
17"	15-1/2"	70#	SH	130	Cemented	75
15-1/2"	13" OD	40#	SH	460	Landed	
12-1/2"	10-3/4"	40#	SH	750	Landed	
9-1/2"	8-5/8"	28#	SH	1180	Cemented	100
8-1/2"	7" OD	20#	New	3400	Cemented	200

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 \_\_\_\_\_ feet.

Additional information:

In cementing the 15-1/2" casing cement will be circulated back into cellar.  
At the time the 8-5/8" casing is cemented all the 13" and 10-3/4" will be pulled.

**DUPLICATE**

Approved \_\_\_\_\_, 19\_\_\_\_ Sincerely yours,

except as follows: **JUL 9 1937**

Skelly Oil Company  
Company or Operator

By [Signature]  
Position District Superintendent

Send communication regarding well to

OIL CONSERVATION COMMISSION,

By [Signature]

Title Oil & Gas Inspector

Name Skelly Oil Company

Address Hobbs, New Mexico

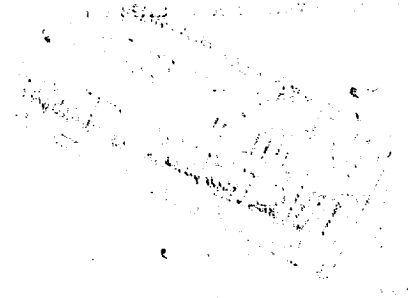
THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

1. The first part of the experiment was to determine the concentration of the solution. This was done by measuring the volume of the solution and the mass of the solute. The concentration was then calculated using the formula:  $C = \frac{m}{V}$ , where  $C$  is the concentration,  $m$  is the mass, and  $V$  is the volume. The concentration was found to be 0.1 M.

2. The second part of the experiment was to determine the molar mass of the compound. This was done by measuring the mass of the compound and the volume of the solution. The molar mass was then calculated using the formula:  $M = \frac{m}{n}$ , where  $M$  is the molar mass,  $m$  is the mass, and  $n$  is the number of moles. The molar mass was found to be 100 g/mol.

3. The third part of the experiment was to determine the boiling point of the compound. This was done by measuring the temperature of the solution as it boiled. The boiling point was found to be 100°C.



4. The fourth part of the experiment was to determine the melting point of the compound. This was done by measuring the temperature of the solution as it melted. The melting point was found to be 100°C.

5. The fifth part of the experiment was to determine the refractive index of the compound. This was done by measuring the refractive index of the solution. The refractive index was found to be 1.5.

6. The sixth part of the experiment was to determine the density of the compound. This was done by measuring the mass of the solution and the volume of the solution. The density was found to be 1.0 g/cm³.

DUPLICATE

7. The seventh part of the experiment was to determine the solubility of the compound. This was done by measuring the amount of compound that dissolved in a given volume of solvent. The solubility was found to be 10 g/100 mL.

8. The eighth part of the experiment was to determine the stability of the compound. This was done by measuring the rate of decomposition of the compound. The stability was found to be high.

9. The ninth part of the experiment was to determine the toxicity of the compound. This was done by measuring the LD50 of the compound. The LD50 was found to be 100 mg/kg.

10. The tenth part of the experiment was to determine the biodegradability of the compound. This was done by measuring the rate of biodegradation of the compound. The biodegradability was found to be high.