

**DUPLICATE**

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

**NOTICE OF INTENTION TO DRILL**

**RECEIVED**  
AUG 6 1946

**HOBBS OFFICE**

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.

**Fort Worth, Texas**

**August 1, 1946**

Place

Date

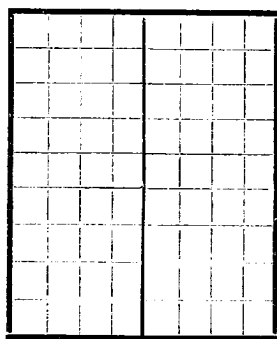
OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico,

Gentlemen:

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

**TEXAS PACIFIC COAL AND OIL CO. STATE NEW MEXICO "A" Ac. 1** Well No. **16** in **NE 1/4**

Company or Operator **23-S**, Lease **Cooper-Jal**, Field, **Lea** County.  
of Sec. **1**, T. **23-S**, R. **36-E**, N. M. P. M.,



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 **Section**

(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 \_\_\_\_\_

Address \_\_\_\_\_

The lessee is \_\_\_\_\_

Address \_\_\_\_\_

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: **Required bond on file.**

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
11	12-1/2	50#	S.H.	400	Cemented	185
9-5/8	7-5/8	26.40	New	1600	"	200
7-7/8	5-1/2	14	New	3800	"	500

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 **3800** feet.

Additional information:

**This is to correct casing to be used and will cancel & replace Form C-101 dated 7-25-46.**

Approved **AUG 6 1946**, 19\_\_\_\_

except as follows:

Sincerely yours,

**TEXAS PACIFIC COAL AND OIL COMPANY**  
Company or Operator

By **W. E. Schenck**

Position **Agent**

Send communications regarding well to

Name **R. J. Fleckenstein**

Address **P. O. Box 2110, Fort Worth 1, Texas**

OIL CONSERVATION COMMISSION,

By **Roy Yarborough**

Title **Oil & Gas Inspector**

[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 10<sup>6</sup> cells/ml (○), 10<sup>7</sup> cells/ml (□), 10<sup>8</sup> cells/ml (△), and 10<sup>9</sup> cells/ml (◇). The error bars represent the standard deviation of three replicates.

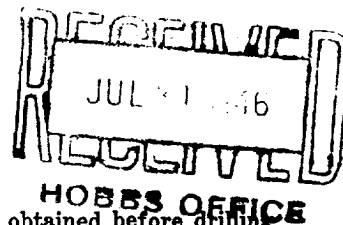
the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 35 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1996).

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

DUPLICATE

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Fort Worth, Texas

July 25, 1946

Place

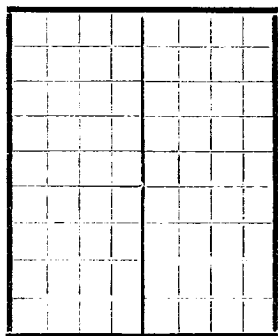
Date

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico,

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Company or Operator Lease  
of Sec. **1**, T **23-S**, R **36-E**, N. M., P. M., **Cooper-Jal** Field, **Lea** County.



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<b>11</b>	<b>8-1/4</b>	<b>28#</b>	<b>S.H.</b>	<b>400</b>	<b>Cemented</b>	<b>185</b>
<b>9-5/8</b>	<b>7-5/8</b>	<b>26.40</b>	<b>New</b>	<b>1600</b>	<b>"</b>	<b>200</b>
<b>7-7/8</b>	<b>5-1/2</b>	<b>14</b>	<b>New</b>	<b>3800</b>	<b>"</b>	<b>500</b>

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Additional information:

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except as follows:

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**TEXAS PACIFIC COAL AND OIL COMPANY**  
Company or Operator

By

Position **Agent**

Send communications regarding well to

Name **R. J. Fleckenstein**Address **P. O. Box 2110, Fort Worth 1, Texas**

OIL CONSERVATION COMMISSION,

By

Title

# THEORY OF THE EARTH

The theory of the earth is a branch of geology which deals with the origin and development of the earth and its various parts. It is a science which seeks to explain the processes which have shaped the earth and its features.

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