

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

MISCELLANEOUS NOTICES

Submit this notice in triplicate to the Oil Conservation Commission or its proper agent before the work specified is to begin. A copy will be returned to the sender on which will be given the approval, with any modifications considered advisable, or the rejection by the Commission or agent, of the plan submitted. The plan as approved should be followed, and work should not begin until approval is obtained. See additional instructions in the Rules and Regulations of the Commission.

RECEIVED
DEC 17 1941
RECEIVED

Indicate nature of notice by checking below:

HOBBES OFFICE

NOTICE OF INTENTION TO TEST CASING SHUT-OFF		NOTICE OF INTENTION TO SHOOT OR CHEMICALLY TREAT WELL	
NOTICE OF INTENTION TO CHANGE PLANS		NOTICE OF INTENTION TO PULL OR OTHERWISE ALTER CASING	
NOTICE OF INTENTION TO REPAIR WELL			
NOTICE OF INTENTION TO DEEPEN WELL		NOTICE OF INTENTION TO PLUG WELL	XXX

Odessa, Texas

December 13, 1941

Place

Date

OIL CONSERVATION COMMISSION,
Santa Fe, New Mexico

Gentlemen:

Following is a notice of intention to do certain work as described below at the

Phillips Petroleum Company **C. D. Woolworth** Well No. **1** in **NE/4 SW/4**
Company or Operator Lease
of Sec. **23**, T. **24 S**, R. **36 E**, N. M. P. M., **Cooper** Field,
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Well produced 72 bbls. water hourly, no oil. Pulled tubing & reran packer at 3342' w/ tubing perforations above. Gas circulated with no fluid coming in hole when put on gas lift. Plugged well back to 3342' with Baker cement retainer & 165 sacks cement. Perforated 7" casing 3330' 6" to 3339'. Test showed hole dry. Ran tubing w/ packer at 3325' & acidized w/ 250 gallons, hole dry, treated with 500 gallons, hole dry, gas estimated 20 MCF. Plugged well back to 3332' w/ 3 sacks cement. 7" casing was perforated from 3330' to 3339' 6". Ran tubing with packer set 3315' & treated w/ 250 gallons. Swabbed dry, no fluid coming in hole, gas estimated 75 MCF. Date of this test 11-11-39.

It is proposed to plug this well as follows: Load hole with heavy mud. Run cement plug (10 sack) from 3322 to 3332', T. D. (Perforations 3315-30'). Shoot 7" casing, starting at 2700' and shooting upward at 100' intervals until casing is free. After pulling casing will refill hole with heavy mud. Will put in 75' cement bridge (50 sacks) from bottom 9-5/8" casing at 1415' to 1540'. Will start shooting 9-5/8" casing at 500' and shoot at 100' intervals upward until casing is free. After pulling 9-5/8" casing will fill hole with heavy mud to approximately within 10' of surface and complete plugging with a 10' cement cap and standard pipe marker.

Approved DEC 17 1941, 19
except as follows:

Phillips Petroleum Company
Company or Operator
By M. L. Atkinson

Position **District Superintendent**

Send communications regarding well to

Name **M. L. Atkinson**

Address **Box 6666, Odessa, Texas**

OIL CONSERVATION COMMISSION,

By John M. Kelly
JOHN M. KELLY
State Geologist

Title **Secretary, Oil Conservation Commission**

1. The first step in the process of the investigation is the identification of the problem. This is done by the investigator who is responsible for the study. The investigator must first identify the problem that is being studied. This is done by the investigator who is responsible for the study. The investigator must first identify the problem that is being studied.

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States. This group includes the people who are interested in the history of the United States, the people who are interested in the history of the United States, and the people who are interested in the history of the United States.

...the fact that the *in vitro* and *in vivo* results are in good agreement, and that the *in vivo* results are in good agreement with the results of the *in vitro* studies.

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 10⁶ cells/ml (○), 10⁷ cells/ml (□), 10⁸ cells/ml (△), 10⁹ cells/ml (◇), and 10¹⁰ cells/ml (●). The error bars represent the standard deviation of three independent experiments.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973).