

NEW MEXICO STATE LAND OFFICE
SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST
NOTICE OF INTENTION TO TEST WATER SHUT-OFF

Notice must be given to the State Geologist or to the proper Oil and Gas Inspector at least five days before the test. It is desirable that a representative of the Department of the State Geologist witness the water shut-off before drilling into the productive sand whenever possible. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to sender. Submit this notice in triplicate.

Hobbs N. Mexico N. Mex., 1-9-35, 19

Mr. E.H. Wells

State Geologist,
Santa Fe, New Mexico.

Dear Sir:

You are hereby notified that we intend to test the shut-off of water in Grimes
Well No. 2 in SE 1/4 of Sec. 28, T. 18S, R. 38E
N. M. P. M., Hobbs Oil Field Lea County,
on 1-13 35 5-1/2 17 lb. casing was cemented in Sandy Lime
formation at a depth of 4015 feet on 1-8-35
300 sacks of El Toro cement were used.

The method used in placing the cement was as follows: Halliburton method.

Fluid level will be bailed to a depth of _____ feet and left undisturbed for at least 12 hours before your inspection.

Adjacent property owners have been notified as follows: _____
Gypsy Oil Co., Shell Oil Corpns.

Additional information:

Pipe will be tested with 1200# pressure for 30 minutes before drilling plug and with 1200# for 30 Mins after plug is drilled.

DUPLICATE

Approved JAN 10 1935 19
Except as follows:

Sincerely yours,
Continental Oil Company
By H.B. Hurley Company or Operator.
Position District Supt.
Send communication regarding well to
Name Contl Oil Co. Dist. Supt.
Address P.O. Box 66 Hobbs N.M.

F.A. Veady
State Geologist or Oil and Gas Inspector.

3.C.R.

DEPARTMENT OF HEALTH
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE
INSTRUCTIONS TO FIELD STATION OFFICERS

The purpose of this manual is to provide field station officers with the information necessary to conduct entomological investigations in the field. It is intended for use by those officers who are engaged in the study of insects and their relationship to man and his environment. The manual is divided into two parts, the first of which deals with the general principles of entomology and the second with the specific methods of investigation.

1. General Principles of Entomology

1.1. The Insect as a Living Organism

The insect is a highly specialized form of life, adapted to a wide range of environments. It is characterized by its segmented body, jointed legs, and the presence of a hard, protective exoskeleton. The insect's life cycle is typically divided into four stages: egg, larva, pupa, and adult. The adult stage is the most complex and is characterized by the presence of specialized organs for feeding, reproduction, and locomotion. The insect's ability to fly, a characteristic of many species, is a result of the evolution of a pair of wings. The insect's nervous system is highly developed, and it is capable of complex behaviors, including learning and memory.

1.2. The Insect as a Pest

The insect is a major pest of man and his environment. It is responsible for the destruction of crops, the transmission of diseases, and the annoyance of man. The study of insects and their relationship to man and his environment is a branch of science known as entomology.

2. Specific Methods of Investigation

2.1. Collection and Identification