

## 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.

Indicate nature of notice by checking below:

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 PLUG WELL	X
NOTICE OF INTENTION TO DEEPEN WELL			

Artesia, New Mexico

1-11-43

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

OTIS A. ROBERTS      Patterson - State      Well No. 2      in SW SE SE  
Company or Operator      Lease  
of Sec. 25, T. 17, R. 27, N. M. P. M., Red Lakes      Field,  
Eddy      County.

## FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

Fill hole with cement. From 520' to 485' shot and pull casing.  
Fill hole with mud from 485' to 270' Set cement bridge  
From 270' to 255'. Fill hole with mud. From 255' to surface  
Set marker with cement.

Approved 2-26-43, 19  
except as follows:

OTIS A. ROBERTS  
Company or Operator

By (Signed) Otis A. Roberts

Position  
Send communications regarding well to

OIL CONSERVATION COMMISSION,

By (Signed) Roy Yarbrough

Name

Address

Title OIL AND GAS INSPECTOR

## 1991-1992

The first part of the year was spent in the field, collecting data on the distribution and abundance of the various species of fish in the study area. This was done by using a combination of visual observations and netting. The results of these observations were then compared with the data obtained from the netting to determine the relative abundance of each species. The second part of the year was spent in the laboratory, where the data collected in the field was analyzed. This was done by using a variety of statistical techniques, including regression analysis and principal component analysis. The results of these analyses were then used to determine the factors that were most likely to influence the distribution and abundance of the various species of fish.

1993-1994

The first part of the year was spent in the field, collecting data on the distribution and abundance of the various species of fish in the study area. This was done by using a combination of visual observations and netting. The results of these observations were then compared with the data obtained from the netting to determine the relative abundance of each species. The second part of the year was spent in the laboratory, where the data collected in the field was analyzed. This was done by using a variety of statistical techniques, including regression analysis and principal component analysis. The results of these analyses were then used to determine the factors that were most likely to influence the distribution and abundance of the various species of fish.



The results of the analysis show that the distribution and abundance of the various species of fish are influenced by a number of factors, including water temperature, water quality, and the presence of other species. The results also show that the distribution and abundance of the various species of fish are related to the physical characteristics of the study area, such as the depth of the water and the type of substrate. The results of the analysis are presented in the following table:

Species	Water Temperature	Water Quality	Physical Characteristics
Species 1	High	Good	Shallow water, sandy substrate
Species 2	Low	Poor	Deep water, rocky substrate
Species 3	Medium	Good	Shallow water, muddy substrate