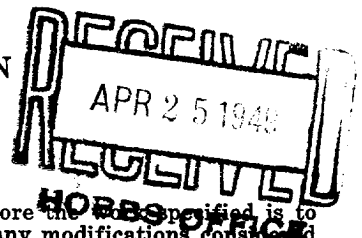


NEW MEXICO OIL CONSERVATION COMMISSION

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			

Hobbs, New Mexico

April 20, 1949

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 _____

Cities Service Oil Company Hodges Well No. 1 in NE NE NE
Company or Operator Lease
of Sec. 8, T. 24S, R. 37-E, N. M. P. M., Langlie- Mattix Field.
Lea County.

FULL DETAILS OF PROPOSED PLAN OF WORK

FOLLOW INSTRUCTIONS IN THE RULES AND REGULATIONS OF THE COMMISSION

This well was originally drilled to a total depth of 3575' with 39' 11" of 12 1/2" casing cemented with 50 sacks; set 7 5/8" casing at 1300' and cemented with 300 sacks; and set 5 1/2" casing at 3420' and cemented with 160 sacks. This well has had remedial work done but production declined until it was no longer productive. Further remedial work is deemed inadvisable.

It is proposed to load hole with mud, spot 50 sacks of cement in open hole and into 5 1/2" casing, reclaim all possible 5 1/2" and 7 5/8" casing, spot 25 sacks of cement where casing has been shot off and cement inside surface pipe with 25 sacks to surface and leave a 4'-4' marker bull-plugged at old location.

Approved APR 25 1949, 19____
except as follows:

Cities Service Oil Company
Company or Operator

By [Signature]

Position District Superintendent
Send communications regarding well to

Name R. W. Ely

Address Drawer "G"

Hobbs, New Mexico

OIL CONSERVATION COMMISSION,
By [Signature]
Title Oil & Gas Inspector

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β . It is shown that the system of equations (1) has solutions for arbitrary values of the parameters α and β if and only if the condition $\alpha + \beta = 1$ is satisfied. This condition is also necessary for the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .

2. In the second part of the paper the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that the system of equations (1) has solutions for arbitrary values of the parameters α and β if and only if the condition $\alpha + \beta = 1$ is satisfied. This condition is also necessary for the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .

3. In the third part of the paper the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that the system of equations (1) has solutions for arbitrary values of the parameters α and β if and only if the condition $\alpha + \beta = 1$ is satisfied. This condition is also necessary for the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .

4. In the fourth part of the paper the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that the system of equations (1) has solutions for arbitrary values of the parameters α and β if and only if the condition $\alpha + \beta = 1$ is satisfied. This condition is also necessary for the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .

5. In the fifth part of the paper the problem of the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β is solved. It is shown that the system of equations (1) has solutions for arbitrary values of the parameters α and β if and only if the condition $\alpha + \beta = 1$ is satisfied. This condition is also necessary for the existence of solutions of the system of equations (1) for arbitrary values of the parameters α and β .