

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

MISCELLANEOUS REPORTS ON WELLS

Submit this report in triplicate to the Oil Conservation Commission or its proper agent within ten days after the work specified is completed. It should be signed and sworn to before a notary public for reports on beginning drilling operations, results of shooting well, results of test of casing shut-off, result of plugging of well, and other important operations, even though the work was witnessed by an agent of the Commission. Reports on minor operations need not be signed and sworn to before a notary public. See additional instructions in the Rules and Regulations of the Commission.

Indicate nature of report by checking below:

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF SHOOTING OR CHEMICAL TREATMENT OF WELL		REPORT ON PULLING OR OTHERWISE ALTERING CASING	
REPORT ON RESULT OF TEST OF CASING SHUT-OFF	X	REPORT ON DEEPENING WELL	
REPORT ON RESULT OF PLUGGING OF WELL			

Lubbock, Texas

10-31-45

Place

Date

OIL CONSERVATION COMMISSION,
SANTA FE, NEW MEXICO.

Gentlemen:

Following is a report on the work done and the results obtained under the heading noted above at the

George P. Livermore, Inc.
Company or OperatorMaxwell-State
Lease

Well No. 1

in the

SW/SE

of Sec. 36

T. 12-S

R. 31-E

N. M. P. M.,

Caprock

Field,

Chaves

County.

The dates of this work were as follows: 10-31-45

Notice of intention to do the work was ~~(was not)~~ submitted on Form C-102 on 10-30 1945

and approval of the proposed plan was (was not) obtained. (Cross out incorrect words.)

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Casing shut-off tested o.k. and drilling resumed.

Witnessed by John Laurence George P. Livermore, Inc. Drilling Foreman
Name Company Title

Subscribed and sworn before me this 31st.

day of October, 1945

[Signature]
Notary Public

I hereby swear or affirm that the information given above is true and correct.

Name Elton L. SeltsPosition Asst. EngineerRepresenting George P. Livermore, Inc.
Company or Operator

My commission expires 6-1-47

Address Owens Bldg., 10th. & Ave. K, Lubbock, Texas

Remarks:

How Garrison
Oil & Gas Inspector
Title

THEORY

1. Introduction

The purpose of this experiment is to determine the relationship between the frequency of a wave and its wavelength. This is done by measuring the distance between successive crests of a wave and the time it takes for one complete cycle to pass a fixed point.

The frequency of a wave is the number of cycles that pass a fixed point per unit time. The wavelength is the distance between successive crests of a wave. The relationship between frequency and wavelength is given by the equation $f = \frac{v}{\lambda}$, where f is the frequency, v is the wave speed, and λ is the wavelength. In this experiment, the wave speed is constant, so the frequency and wavelength are inversely proportional. This means that as the frequency increases, the wavelength decreases, and vice versa.

2. Procedure

2.1. Equipment

The equipment used in this experiment includes a wave generator, a wave tank, a ruler, and a stopwatch. The wave generator is used to create waves of a known frequency. The wave tank is used to observe the waves. The ruler is used to measure the wavelength, and the stopwatch is used to measure the time it takes for one complete cycle to pass a fixed point.

The procedure for this experiment is as follows: First, the wave generator is set to a known frequency. Then, the wave tank is filled with water. The waves are observed and the wavelength is measured using the ruler. The time it takes for one complete cycle to pass a fixed point is measured using the stopwatch. This process is repeated for several different frequencies.

2.2. Data Collection

The data collected in this experiment is the frequency of the wave and the wavelength. The frequency is measured in Hertz (Hz) and the wavelength is measured in meters (m). The data is recorded in the following table:

Frequency (Hz) Wavelength (m)

1.0 0.50

2.0 0.25

3.0 0.17

4.0 0.13

5.0 0.10

6.0 0.08

7.0 0.07

8.0 0.06

9.0 0.05

10.0 0.05