

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			

December 27, 1948

Midland, Texas

Date

Place

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

Humble Oil & Refining Company N. M. State "V" Well No. 2 in the

Company or Operator

Lease

SE 1/4 of SW 1/4 of Sec. 10, T. 21-S, R. 37-E, N. M. P. M.,

Drinkard Field, Lea County.

The dates of this work were as follows: 12-25-48

Notice of intention to do the work was (was not) submitted on Form C-102 on December 27, 1948

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

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Tested 5-1/2" casing with 1000# pressure at 8 AM, 12-26-48, Tested OK.

Witnessed by _____	Name _____	Company _____	Title _____
Subscribed and sworn before me this _____	I hereby swear or affirm that the information given above is true and correct.		
27th day of December 1948	Name _____	Position _____	
<i>Olma S. Johnson</i>	Position _____	Representing _____	
Notary Public	Representing _____	Company or Operator _____	
My commission expires 6-1-49	Address _____	Box 1600, Midland, Texas	

Remarks:

Ray G. Harkness
Name _____
Title _____

THE UNIVERSITY OF CHICAGO

1961

DEPARTMENT OF CHEMISTRY

RECEIVED
JAN 10 1961
FROM
J. H. DUNN
TO
J. H. DUNN
SUBJECT
RESEARCH REPORT
ON
THE
REACTION OF
HYDROGEN
PEROXIDE
WITH
SODIUM
HYDROXIDE
IN
AQUEOUS
SOLUTION
AT
VARIABLE
TEMPERATURES
AND
CONCENTRATIONS
OF
REACTANTS
BY
J. H. DUNN
AND
J. H. DUNN
DEPARTMENT OF CHEMISTRY
UNIVERSITY OF CHICAGO
CHICAGO, ILLINOIS 60637

1961

ABSTRACT
The reaction of hydrogen peroxide with sodium hydroxide in aqueous solution at variable temperatures and concentrations of reactants has been studied. The reaction is first order in hydrogen peroxide and first order in sodium hydroxide. The rate constant increases with increasing temperature and increasing concentration of sodium hydroxide. The activation energy of the reaction is 14.5 kcal/mole. The reaction is believed to be a simple bimolecular reaction between hydrogen peroxide and sodium hydroxide.

1. INTRODUCTION

Handwritten signature or initials at the bottom left of the page.