

NEW MEXICO
OIL CONSERVATION COMMISSION

Drawer DD Artesia, NM

DISTRICT OFFICE #2

May thru Aug., 1978

NO. 2062 N

SUPPLEMENT TO THE OIL PRORATION SCHEDULE

DATE 6-20-78

PURPOSE ALLOWABLE ASSIGNMENT FOR A NEW WELL (NS)

Effective 6-1-78, an allowable of 10 barrels of oil per day is hereby assigned to the Stevens Oil Company, O'Brien "E", #2-J, 1-9-28, Twin Lakes San Andres Associated pool.

June total, 300 bbls.
July " , 310 "
Aug. " , 310 "

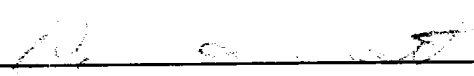
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Stevens Oil Co.

NCO

Stevens Oil Co.

OIL CONSERVATION COMMISSION


DISTRICT SUPERVISOR

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

1954-1955

RESEARCH REPORT

THE EFFECT OF TEMPERATURE ON THE RATE OF REACTION OF

HYDROGEN PEROXIDE WITH FERROUS SULFATE IN AQUEOUS SOLUTION

BY J. H. KINZIE AND R. W. L. MCKAY

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CHICAGO, ILLINOIS

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ABSTRACT

The reaction of hydrogen peroxide with ferrous sulfate in aqueous solution has been studied at various temperatures. The rate of reaction increases with increasing temperature. The activation energy for the reaction is 14.5 kcal/mole.

INTRODUCTION

The reaction of hydrogen peroxide with ferrous sulfate in aqueous solution has been studied by many investigators. The reaction is of interest because of its importance in the chemical industry and in the study of the mechanism of the reaction of hydrogen peroxide with various metal ions.

EXPERIMENTAL

The reaction was studied in a constant temperature bath. The reactants were prepared by standard methods. The reaction was followed by measuring the rate of disappearance of hydrogen peroxide.