

(SUBMIT IN TRIPLICATE)

U. S. Land Office **Las Cruces**  
Lease or Permit No. **030174 (b)**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

**Midland, Texas January 8, 1945**

**W. H. Rhodes (b)**

Well No. **10** is located **660** ft. from **[M]** line and **1980** ft. from **[W]** line of sec. **26**

**SE 1 SW 1 Sec. 26**  
(1/4 Sec. and Sec. No.)

**26-S**  
(Twp.)

**37-E**  
(Range)

**N.M.P.M.**  
(Meridian)

**Rhodes**

**Lea**

**New Mexico**

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is **300'** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**Total Depth 3125' - Lime**

**Set and cemented at 3107' of 5-1/2" casing at 3118' with 300 sacks.  
Completed at 4:30 P.M. 1-6-45.**

**Anticipate drilling plug and testing casing by pressure method  
using 1000# pressure, after 72 hours or at approximately 4:30 P.M.  
1-9-45.**

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **The Texas Company**

Address **Box 1270**

**Midland, Texas**

By **[Signature]**

Title **District Superintendent**

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
RESEARCH REPORT  
NO. 1000

THE KINETICS OF THE REACTION OF  
HYDROGEN PEROXIDE WITH  
HYDROXYLAMINE

BY  
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J. H. KINNEY, JR.  
DEPARTMENT OF CHEMISTRY  
THE UNIVERSITY OF CHICAGO  
CHICAGO, ILLINOIS  
RECEIVED MAY 15, 1957

ABSTRACT

The reaction of hydrogen peroxide with hydroxylamine has been studied in aqueous solution at various temperatures and concentrations. The reaction is first order in both reactants and the rate constant is independent of concentration.

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