



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Las Cruces**  
Lease No. **LC 032326**  
Unit **NAFU**

**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     |  | SUBSEQUENT REPORT OF ALTERING CASING              |          |
| NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL |  | SUBSEQUENT REPORT OF RE-DRILLING 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            |  | <b>Subsequent Report of Cleanout and Sandfrac</b> | <b>I</b> |

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

**Jack 1-29 Unit**

**November 6**, 19 **56**

Well No. **3** is located **1970** ft. from **[N]** line and **330** ft. from **[E]** line of sec. **29**  
**NE/4 Sec 29** **24 S 37 E** **NRPM**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Jalnet** **Lea** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ 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)

**Before workover: TD Line 3600', PB 3392', DF 10', elev 3269' OM. Pay Yates 3006-3181'. Gas volume 603 MCFPD.**

**Work done: Drilled out bridges to 3224', sandfraced with a 10,000 gallon treatment.**

**After workover: Gas volume 506 MCFPD, 3/4" choke, TP 40%, CT 60%.**

**Workover started 10-25-56, completed 11-3-56, tested 11-3-56.**

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

Company **Continental Oil Company**

Address **Box 68**  
**Junice, New Mexico**

By \_\_\_\_\_  
 Title **District Superintendent**

THE UNIVERSITY OF CHICAGO  
DEPARTMENT OF CHEMISTRY  
5408 S. DICKINSON DRIVE  
CHICAGO, ILL. 60637

RECEIVED  
JAN 10 1967  
FROM  
J. H. DUNN  
SUBJECT  
POLYMERIZATION OF VINYL MONOMERS  
Catalyzed by  
COPPER(II) IONS  
IN  
ACETONE  
The following information was obtained from the above-mentioned source:  
The polymerization of vinyl monomers catalyzed by copper(II) ions in acetone was studied. The reaction was found to be first order in the concentration of the copper(II) ions and first order in the concentration of the vinyl monomer. The rate of polymerization was independent of the concentration of the acetone. The activation energy for the reaction was found to be 12.5 kcal/mole. The mechanism of the reaction is proposed to be a free radical mechanism.

ANALYST  
J. H. DUNN

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