

**(SUBMIT IN TRIPLICATE)**

Indian Agency Navajo/Tribal

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

### Allottees

Lease No. **14-20-604-1951**

## 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 REDRILL 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	<b>Sandell Frac.</b>

**RECEIVED**

**APR 13 1960**

**U. S. GEOLOGICAL SURVEY**

**DJANGO, COLO.**

**X**

**April 12 1960**

Horseshoe Ute

Well No. 43 is located 1910 ft. from S line and 550 ft. from E line of sec. 27

NE/4 SE/4 Section 27 31N 16W NMPM  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Horseshoe Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5653 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)

**April 7, 1960 Total Depth 1681'. Clean Out Total Depth 1685'.**

Sandell fractured Lower Gallup perforated intervals 1575-1603 (2 sh./ft.) with 67,000 gals. lease crude and 75,000# sand. Breakdown pressure 1200# Csg.; Maximum treating pressure 1200# Csg.; Average treating pressure 1050# Csg. Injection Rate: 57.5 Bbls./Min. Flashed with 2400 gals. oil. Dropped 28 perforation ball sealers one time, 250 psi. increase.

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

Company **Free Natural Gas Products Company**

Address **Post Office Box 1565**  
**Farmington, New Mexico**

ORIGINAL SIGNED BY: WILLIAM K. GLAZIER

By \_\_\_\_\_

Title Petroleum Engineer

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