



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SF**  
Lease No. **081299**  
Unit **Williams**

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>Sandoli Frac.</b>

RECEIVED  
DEC 9 1959  
U.S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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

December 2, 1959

Well No. **3** is located **1650** ft. from **N** line and **2310** ft. from **E** line of sec. **11**  
**NW SE/4 Section 11** **30N** **16W** **NMPM**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Horseshoe Gallup Ext.** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **5448** 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)

**11-29-59 Total Depth 2224'. Clean Out Total Depth 2179'.**  
**Sandoli fractured Lower Gallup perforated intervals 2123'-2139' (4 sh./ft.) w/25,200 gals. oil and 50,000# sand. Breakdown pressure 1500#, maximum treating pressure 1800#, average treating pressure 1500#. Injection Rate: 35.5 bbls./min. Flush 2184 gals. oil. Spotted 250 gals. 7-1/2% BDA before fracture. Injected 32 rubber balls halfway through treatment, 100 psi. increase.**  
  
**11-29-59 Total Depth 2224'. Temporary Bridge Plug at 2070'.**  
**Sandoli fractured Lower Gallup perforated intervals 2011'-2048' (2 sh./ft.) w/34,700 gals. oil and 70,000# sand. Breakdown pressure 2300#, maximum treating pressure 3500#, average treating pressure 2100#. Injection Rate: 30.0 bbls./min. Flush 2175 gals. oil. Spotted 250 gals. 7-1/2% BDA before fracture. Inj. 37 rubber balls halfway thru trt., 1200 psi. increase.**  
 I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Products Company**

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

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER  
 By \_\_\_\_\_

Title **Petroleum Engineer**