



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **SP**  
Lease No. **091226**  
Unit **Horseshoe Canyon**

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>	<b>X</b>

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

December 29, 1956

Well No. **AA** is located **695** ft. from **N** line and **535** ft. from **E** line of sec. **3**  
**SE SE/4 Sec. 3** **30N** **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 **5566** ft.

DETAILS OF WORK

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

**12-23-53 Total Depth 1647'. Clean Out Total Depth 1615'.**

**Sandoli fractured Lower Gallup perforated intervals 1580'-1600' (Perforated 2 shots/foot) with 20,034 gals. oil & 24,000# sand. Breakdown pressure 1400#, average treating pressures 1000-1500#. Injection Rate--49.4 bbls./min. Flush 1680 gals. oil. Dropped 20 rubber balls one time for two stages.**

**12-23-53 Total Depth 1647'. Temporary Bridge Plug at 1530'.**

**Sandoli fractured Lower Gallup perforated intervals 1464'-1503' (Perf. 2 shots/foot) with 20,034 gals. oil & 25,000# sand. Breakdown pressure 900#, average treating pressures 850-900-1125#. Injection Rate--60.6 bbls./min. Flush 1680 gals. oil. Dropped 22 rubber balls three times for four stages.**

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: JOSEPH E. KILPATRICK

By \_\_\_\_\_

Title **Petroleum Engineer**