



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Approval expires 12-31-60.

Land Office **SP**  
Lease No. **001236**  
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>Sandell Proc.</b>

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

May 22, 1958

Well No. **7** is located **1673** ft. from **N** line and **1638** ft. from **W** line of sec. **3**  
**NE SW/4 Section 3** **30-N** **16-W** **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 **5640** 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)

**5-21-58 Total Depth 1670'. Clean Out Total Depth 1628'.**  
**Sandell fractured Lower Gallup perforated intervals 1584'-1612' (2 sh./ft.)**  
**with 15,960 gallons oil and 17,000# sand. Breakdown pressure 750#, maxi-**  
**imum treating pressure 700#, average treating pressure 715#. Injection**  
**Rate 54.1 bbls./min. Flush 1428 gallons.**  
**5-21-58 Total Depth 1670'. Temporary Bridge Plug at 1550'.**  
**Sandell fractured Upper Gallup perforated intervals 1474'-1488' (Perf.**  
**4 shots/foot); 1488'-1518' (Perf. 2 shots/foot) with 17,514 gallons oil**  
**and 17,000# sand. Breakdown pressure 675#, maximum treating**  
**pressure 650#, average treating pressure 700#. Injection Rate 58.0**  
**bbls./min. Flush 1428 gallons.**

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. KREGER

By \_\_\_\_\_  
 Title **Petroleum Engineer**