



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **EF**
Lease No. **081226**
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	Sandell Frac.	X

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

June 2, 1958

Well No. **8** is located **2000** ft. from **TKK** line and **2200** ft. from **E** line of sec. **4**

NE SW/4 Section 4 **30-N** **16-W** **NMPM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

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

The elevation of the derrick floor above sea level is **5324** ft.

DETAILS OF WORK

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

5-23-58 Total Depth 1200'. Clean Out Total Depth 1240'.

Sandell fractured Lower Gallup perforated intervals 1234'-1242' perf. (4 sh./ft.) with 13,964 gallons oil and 9,600# sand. Breakdown pressure 2060#, average treating pressure 1450#. Injection rate 41.5 bbls./min. Flush 1240 gallons.

5-24-58 Total Depth 1200'. Temporary Bridge Plug at 1220'.

Sandell fractured Lower-Gallup perforated intervals 1198'-1206' (Perf. 4 sh./ft.) with 14,490 gallons oil and 10,000# sand. Breakdown pressure 1880#, average treating pressure 1175#. Injection rate 48.3 bbls./min. Flush 1240 gallons.

5-28-58 Total Depth 1200'. Temporary Bridge Plug at 1150'.

Sandell fractured Upper-Gallup perforated intervals 1110'-1136' (Perf. 2 sh./ft.) with 16,632 gallons oil and 15,000# sand. Breakdown pressure 1875#, Max. TP-975#, ATP-925#, Injection rate 55.0 bbls./min. Flush 1134 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**

