

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency **Navajo-Ute**  
No. **14-20-604-1951**  
Allottee \_\_\_\_\_  
Lease No. **Horseshoe-Ute**

	X	

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>Sandoll Frac.</b>	X

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

November 14, 1958

Well No. **4** is located **1980** ft. from **S** line and **3300** ft. from **E** line of sec. **33**  
**NE SW/4 Sec. 33** **31-N** **16-W** **NM PM**  
(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 **5357** 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)

**11-11-58 Total Depth 1320'. Clean Out Total Depth 1295'.**

**Sandoll fractured Gallup perforated interval 1266'-1275' (2 sh./ft.) with 15,120 gals. oil and 15,120# sand. BDP-300#, MTP-1950#, ATP-1200#. Injection Rate--34.7 bbls./min. Flush 1,680 gals. Spotted 200 gals. 7-1/2% BDA before fracture. Injected 12 rubber balls halfway thru treatment.**

**11-13-58 Total Dept. 1320'. Temporary Bridge Plug at 1220'.**

**Sandoll fractured Gallup perforated interval 1138'-1178' (2 sh./ft.) wit 16,800 gals. oil and 15,000# sand. BDP-2500#, MTP-700#, ATP-700#. Injection Rate--42.0 bbls./min. Flush 1,680 gals. Spotted 250 gals. 7-1/2% BDA before fracture. Injected 40 rubber balls halfway thru treatment.**

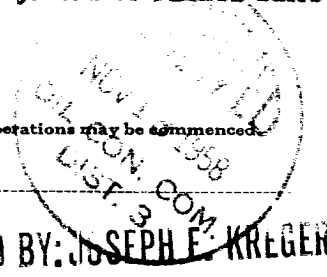
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **El Paso Natural Gas Products Company**

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

By \_\_\_\_\_

Title **Petroleum Engineer**



SIGNED BY: JOSEPH E. KREGER