

(SUBMIT IN TRIPLICATE)

Indian Agency **Navajo-Use Tribal**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____
Lease No. **14-20-604-1951**

		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	Sandell Frac.	X

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

September 11, 19 **59**

Horseshoe Ute

Well No. **23** is located **1900** ft. from **[S]** line and **660** ft. from **[E]** line of sec. **23**

NE 2E/4 Section 23

(1/4 Sec. and Sec. No.)

31N

(Twp.)

16W

(Range)

NMPM

(Meridian)

Horseshoe Gallup Ext.

(Field)

San Juan

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is **5722** 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)

9-10-59 Total Depth 1760'. Clean Out Total Depth 1660'.

Sandell fractured Lower Gallup perforated intervals 1574'-1600 (2 sh./ft.) with 59,000 gals. oil and 60,000 sand. Breakdown pressure 1550#, maximum treating pressure 1400#, average treating pressure 1200#. Injection Rate: 65.0 bbls./min. Flush 1,600 gals. oil. Spotted 200 gals. 7-1/2% MCA before fracture. Injected 26 rubber balls halfway through treatment, 300 psi. increase.



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

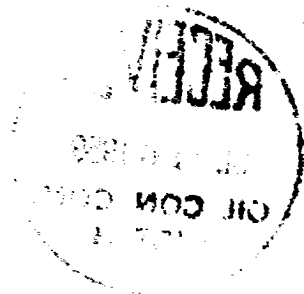
Company **El Paso Natural Gas Products Company**

Address **Post Office Box 1545**

Farmington, New Mexico

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

By _____
Title **Petroleum Engineer**



AMERICAN OVERSEAS BANK