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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

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 _____	Sandoll Frac. X

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

February 5, 1960

Horseshoe Ute
Well No. **32** is located **1980** ft. from **N** line and **2080** ft. from **E** line of sec. **27**
NW SE/4 Section 27 **31N** **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 **5484** 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)

1-28-60 Total Depth 1488'. Clean Out Total Depth 1450'.

Sandoll fractured Lower Gallup perforated intervals 1398'-1424' (2 sh./ft.) with 48,804 gals. oil and 80,000# sand. Breakdown pressure 1500#, maximum treating pressure 1100#, average treating pressure 1000#. Injection rate: 57.0 bbls./min. Flush with 3864 gals. oil. Dropped 250 gals. 7-1/2% BDA before fracture. Injected 26 rubber balls halfway through treatment, 200 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 1565**
Farmington, New Mexico
By **ORIGINAL SIGNED BY: JOSEPH E. KREGER**
Title **Petroleum Engineer**



RECEIVED BY: J. KRIEGER