



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SF**
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.....	Sandoll Frac.

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

January 2, 1959

Well No. **10** is located **1880** ft. from **N** line and **760** ft. from **W** line of sec. **10**
SW NW/4 Sec. 10 **30N** **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 **5464** 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)

12-31-58 Total Depth 1463'. Clean Out Total Depth 1412'.
Sandoll fractured Lower Gallup perforated intervals 1306'-1344' (Perf. 1306'-1332' 4 sh./ft. and 1331'-1344' 2 sh./ft.) with 27,804 gals. oil and 30,000# sand. Breakdown pressure 2000#, maximum treating pressure 1050#, average treating pressure 1025#. Injection Rate--36.1 bbls./min. Flush 1470 gals. oil. Dropped 27 rubber balls three times for four stages.



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 1563**
Farmington, New Mexico

ORIGINAL SIGNED BY: JOSEPH E. KUEHN
 By _____

Title **Petroleum Engineer**