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(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 13, 1950 -----

Well No. 13 is located 660 ft. from S line and 3300 ft. from E line of sec. 4

SE SW/4 Sec. 4
 (¼ Sec. and Sec. No.)

30N

(Twp.)

16W
(Range)

NMPM
(Meridian)

Horseshoe Gallup
(Field)

San Juan
(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 5336 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)

1-14-59 Total Depth 1250'. Clean Out Total Depth 1190'.

Sandoil fractured Gallup perforated interval 1098'-1140' (2 sh./ft.) with 44,142 gals. oil and 30,000# sand. Breakdown pressure 1200#, maximum treating pressure 1600#, average treating pressure 1200#. Injection Rate--54.0 bbls./min. Flush 1260 gals. oil. Spotted 250 gals. 7-1/2% MCA before fracture. Injected 14 rubber balls each at 125, 250, 375 sacks sand.

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: WILLIAM K. GLAZENER

Title **Petroleum Engineer**

PHILADELPHIA, PA. 1910