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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **SP**
Lease No. **079439**
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.....	Sandoil Frac.	X

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

November 34, 19 58

Well No. **4-B** is located **455** ft. from **N** line and **4435** ft. from **E** line of sec. **4**
NW NW/4 Sec. 4 **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 **5322** 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)

11-21-58 Total Depth 1280'. Clean Out Total Depth 1280'.

Sandoil fractured Gallup perforated intervals 1172'-1212' (2 in./ft.) with 17,400 gals. oil and 25,000# sand. BDP-850#, MTP-1050#, ATP-900#. Injection Rate--52.9 bbls./min. Flush 1260 gals. Spotted 250 gals. 7-1/2% BDA before fracture. Injected 40 rubber balls halfway through treatment.

11-21-58 Total Depth 1280'. Temporary Bridge Plug at 1140'.

Sandoil fractured Gallup perforated intervals 1072'-1109' (2 in./ft.) with 21,000 gals. oil and 25,000# sand. BDP-1200#, MTP-960#, ATP-850#. Injection Rate--51.0 bbls./min. Flush 1260 Gals. Spotted 250 gals. 7-1/2% BDA before fracture. Injected 30 rubber balls halfway through 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

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

Title **Petroleum Engineer**

