



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Santa Fe**
Lease No. **077112**
Unit **Warren**

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.....	Water Frac

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

July 11, 1957

Well No. **2-A(PM)** is located **917** ft. from **[N]** line and **1125** ft. from **[E]** line of sec. **23**

NE Sec. 23 (1/4 Sec. and Sec. No.) **28N** (Twp.) **9W** (Range) **S.M.P.M.** (Meridian)
Blanco M.V. & Astec P.C. (Field) **San Juan** (County or Subdivision) **New Mexico** (State or Territory)

The elevation of the derrick floor above sea level is **6121** 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)

6-25-57. T.D. 4921'. C.O.T.D. 4864'. Water frac Men. & P.L. perf. int. 4422-38; 4480-86; 4572-94; 4641-60; 4684-4109; 4717-27; 4750-64; 4767-4801 (2 sh/ft) w/98,000 gas. water & 98,000# sand. B.D. none, max. tr. pr. 2900#, avg. tr. pr. 1300-1500-1750-1850-1900-2050-2100-2350-2900. Inj. rate 70.8 BPM. Flush 8000 gal. Injected 10 sets of 24 balls each.

6-25-57. T.D. 4921'. Temp. B.P. at 3500'. Water frac P.C. perf. int. 2416-40; 2448-68 (2 sh/ft) w/36,600 gal. water & 36,600# sand. B.D. 1200#, max. tr. pr. 3200#, avg. tr. pr. 1000-1100-1700-2500#. Inj. rate 65.5 BPM. Flush 4000 gal. Injected 3 sets of 26 balls each.

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 Co.**

Address **Box 997**

Farmington, New Mexico

By **Original Signed D. C. Johnston**

Title **Petroleum Engineer**



