



(SUBMIT IN TRIPLICATE)  
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **080516-A**  
Unit **San Juan 28-5 Unit**  
**14-08-001-949**

## 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.....	<b>Water Frac</b>

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

June 6, 19 57

Well No. **17** is located **1475** ft. from **S** line and **1825** ft. from **W** line of sec. **20**  
**SW Sec. 20** **28N** **5W** **N.M.F.M.**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Blanco** **Rio Arriba** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6730** 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)

6-2-57. CORB 5880'. Water fractured Point Lockout perforated intervals 2 BJ/ft. 5710-19; 5731-42; 5804-22; 5828-47; 5854-64 with 55,320 gallons water and 50,000# sand. Breakdown pressure 1900#, maximum pressure 2200#, average treating pressure 2000#. Injection rate 68.4 bbls/min. Flush 6000 gallons. Natural gas none. Dropped 24 balls 5 times, every 9000 gal. water (6 stages).

6-3-57. Temporary Bridge plug at 5300'. Water fractured Cliff House perf intervals 2 BJ/ft. 5342-48; 5366-93; 5410-20; 5426-34. with 53,300 gallons water and 50,000# sand. Breakdown pressure 1100#, maximum pressure 3000#, average treating pressure 2000-2500#. Injection rate 66.1 bbls./min. Flush 5300 gal. Dropped 24 balls 4 times, every 10,000# sand (5 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 Company**

Address **Box 997**

**Farmington, New Mexico**

By **R.A. Miller**  
Title **Petroleum Engineer**

