



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **079472**  
Unit **San Juan 28-5 Unit**  
**14-06-001-949**

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>	<b>X</b>

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

Well No. **20** is located **1800** ft. from **NE** line and **1175** ft. from **W** line of sec. **30**  
**SW** Section **30** **2N** **5W** **N.M.P.M.**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Blanco** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6547** 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)

5-6-57. Total Depth 5766'. Plug back T.D. 5712'. Water fractured Point Lookout perforated intervals 5516-26'; 5570-82'; 5589-5608'; 5616-5626' and 5634-43' (4 shots per foot) with 45,000 gallons water and 40,000# sand. Breakdown pressure none-none-none-none-none, maximum treating pressure 1500-1950-2100-2400-none, average treating pressure 1500-1950-2000-2250-none. Injection rate 62.0 bbls./min. Flush 10,000 gallons. Injected 4 sets of 46 balls each.

5-6-57. Total Depth 5766'. Temporary Bridge Plug at 5260'. Water fractured Cliff House perforated intervals 5116-5124'; 5140-48'; 5164-82'; 5390-98' (4 shots per foot) with 50,000 gallons water and 40,000# sand. Breakdown pressure none-none-none-balloff, max. tr. pr. 1950-1950-2350-balloff, avg. tr. pr. 1950-1450-2250-balloff. Inj. rate. 51.0 bbls./min. Flush 10,000 gal. Rejected 3 sets of 46 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 Company**

Address **Box 997**  
**Farmington, New Mexico**

By **Original Signed EWELL N. WALSH**

Title **Petroleum Engineer**