



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Santa Fe
Lease No. 078498
Unit San Juan 28-7 Unit
14-08-001-459

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	X
NOTICE OF INTENTION TO ABANDON WELL	<u>Water Prac</u>	

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

Well No. 70 is located 890 ft. from S line and 2250 ft. from W line of sec. 33
SW Section 33 28N 7W N.M.P.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 6648 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)

4-4-57. Total Depth 5673'. Plug back T.D. 5614'. Water fractured Point
 Lockout perforated intervals 5348-60; 5408-32; 5452-60; 5490-5500; 5508-18
 and 5550-62' with 58,000 gallons water and 40,000# sand. Breakdown pressure
 2000#, maximum pressure 2000#, average treating pressure 1500#, injection
 rate 54.5 bbls/min. Flush 10,000 gallons.

4-4-57. Total Depth 5673'. Temporary Bridge plug at 5100'. Water fractured
 Cliff House perforated intervals 4882-4906 and 4970-96' with 66,000 gallons
 water and 60,000# sand. Breakdown pressure 1950#, maximum pressure 1950#,
 average treating pressure 1800#. Injection rate 49 bbls/min. Flush 28,000
 gallons.

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 W. F. Howard
 Title Petroleum Engineer