



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 078640  
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.....
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Water Frac.</u> <span style="float: right;">X</span>

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

Well No. 71(PM) is located 903 ft. from [N] line and 990 ft. from [E] line of sec. 21 ED  
1E Sec. 21 27N 7W N.M.P.M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Blanco M.V.-S. Blanco P.C. Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6587 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mud weights, cementing points, and all other important proposed work)

12-23-53. Total Depth 5470'. C.O.T.D. 5446'.  
Water fractured Point Lookout perforated intervals 5280-5304; 5310-5322;  
5344-5360; 5368-5394 (2 SPF) with 68,600 gallons water and 60,000# sand.  
B.D.P. 2400#, max. pr. 2400#, avg. tr. ps. 1250-1600-1750#. I.R. 65 B.P.M.  
Flush 9000 gallons. Used 3 sets balls (20 balls/set).

12-23-58. Total Depth 5470'. Temporary Bridge Plug at 5200'.  
Water fractured Pictured Cliffs perforated intervals 3020-3032; 3042-3054 (2 SPF)  
with 43,760 gallons water and 35,000# sand. B.D.P. 2700#, max. pr. 2700#, avg.  
tr. pr. 1100#. I.R. 67 B.P.M. Flush 7000 gallons. Used no balls.

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 R. G. MILLER  
Title Petroleum Engineer