

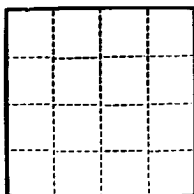
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 079394

Unit San Juan 27-5 Unit
14-08-001 950



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	MAY 13 1960 U.S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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>	

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

May 9, 1960

Well No. 51(PM) is located 1660 ft. from X line and 1660 ft. from E line of sec. 28

SW/4 Sec. 28

(1/4 Sec. and Sec. No.)

27-N

(Twp.)

5-W

(Range)

N.M.P.M

(Meridian)

Blanco MV & So. Blanco Picture Cliff Ext. Rio Arriba

(Field)

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is _____ 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)

4-14-60 Total Depth 5608. C. O. T. D. 5516. Water fractured Point Lookout perforated intervals (2DJ/ ft.) @ 5353-62, 5370-78, 5384-90, 5396-5404, 5454-62, 5468-74, with 62,550 gallons water and 60,000 # 20-40- sand. Breakdown pressure 1600#, maximum pressure 2500 #, average treating pressure 2060#. Injection rate 43 barrels/min. Flush 10,000 gallons. Dropped 2 sets of 15 balls, 1 set of 3 balls for 4 stages.

4-14-60 Total Depth 3316. Temporary Bridge Plug at 3403. Water fractured Picture Cliffs perforated intervals (2DJ/ ft.) @ 3192-3202, 3234-44, 3252-60, with 38,641 gallons water and 35,000 # sand (10-20). Breakdown pressure 1700 #, maximum pressure 2900 #, average treating pressure 1775 #. Injection rate 46.5 barrels/minute. Flush 12,376 gallons. Dropped 1 set of 20 balls, 1 set of 10 balls, 1 set of 5 balls for 4 steps.

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 A.M. SMITH

Title Petroleum Engineer