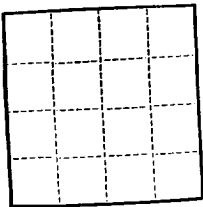


Form 9-831a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 079841
Unit San Juan 32-9 Unit
14-00-001-569

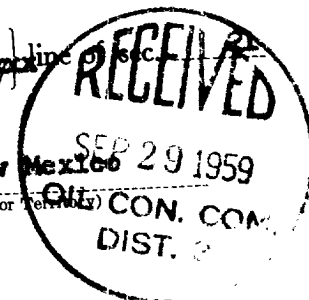
SUNDRY NOTICES AND REPORTS ON WELLS

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 Frac.</u>	

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

September 24, 1959

Well No. 70-X(MD) is located 1563 ft. from S line and 890 ft. from E sec.
SE/4 Sec. 21 32N SW N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco M.V. & Wildcat Dak. San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)



The elevation of the derrick floor above sea level is 6919 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.)
9-14-59 T.D. 8596'. C.O.T.D. 8545'. Perf. Dakota 8445-8457 w/12 bullets/ft. Ran Two Vibra-fracs. 8449-8455 & 8447-8453, could not break formation down. Re-perf. 8445-8457 w/4 DJ/ft. Spotted 200 gal MCA. Could not break formation down. Re-perf. Dakota 8329-8338; 8360-8369; 8410-8418; 8437-8461 w/2 torpedo jets/ft. Spotted 500 gal. MCA. Could not break formation down.
9-18-59 Set cast iron cement retainer at 8285'. Squeezed Dakota perms. w/140 sacks Pozmix "140", 0.4% HR-4. Final pr. 4500 psi. Water fractured Mesa Verde perf. int. 5876-86; 5984-90; 6088-98; 6108-28; 6132-56; 6164-72; 6182-91; 6196-98; 6207-10; 6222-24; 6227-29; 6234-36; 6256-58; 6268-71; 6311-15; 6339-42; 6359-62 (2 sh/ft.) w/84,000 gallons water and 50,000# sand. Max. pr. 2600#, avg. tr. pr. 700-800-1000-1800-2000-2400#. I.R. 71 BHM. Flush 11,000 gallons. Dropped 5 sets of 30 balls each.
9-19-59 Cut 7" casing at 3290'. Pulled 80 Joings 7", 23#, J-55 casing (3280').

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 By: D.H. Oheim

Title Petroleum Engineer

