



(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. **070267**  
Unit **Merriano Unit**

# 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>Oil Frac.</b>	<b>X</b>

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

Well No. **103** is located **990** ft. from **(N)** line and **1550** ft. from **(E)** line of sec. **3**  
**10W** **Sec. 3** **26N** **10W** **N.M.P.M.**  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat Dakota** **San Juan** **New Mexico**  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **6735** 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)

11-29-58. Total Depth 7030'. C.O.T.D. 7014'.  
 Sand-oil fractured Dakota perforated intervals (2 dyna jets/ft) 6880-6888;  
 6924-6938; 6942-6952; 6958-6968; 6984-7000 with 64,890 gallons oil and 60,000#  
 sand. B.D.P. 1950#, max. pr. 2750#, avg. tr.pr. 2600#. I.R. 47.5 B.P.M. Flush  
 13,500 gallons. Spotted 500 gallons BDA ahead of frac. Dropped 3 sets of 30  
 balls each for 4 stages.  
 12-3-58. Total Depth 7030'. Temporary Bridge Plug at 6440'.  
 Sand-oil fractured Gallup perforated intervals (4 dyna jets/ft) 6241-6265 with  
 43,536 gallons oil and 42,000# sand. B.D.P. 1375#, max. pr. 1675#, avg. tr.pr.  
 1500#. I.R. 68.7 B.P.M. Flush 12,400 gallons. Spotted 300 gallons MCA ahead  
 of frac.

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**