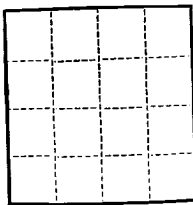


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office **Santa Fe**  
Lease No. **07944 - A**  
**San Juan 30-4 Unit**  
Unit **1A-08-001-1056**



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>Water Flow.</b>

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

**August 31,** 19**60**

Well No. **31** is located **1150** ft. from **N** line and **1150** ft. from **W** line of sec. **14**  
N.W. 4 Sec. **14** **30 N** **4 W** **N.M.P.M.**  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
**Wildcat Pictured Cliffs** **Rio Arriba** **New Mexico**  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **7035** 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)

**8-25-60 Total Depth 4450 . C.O.T.D. 4081.**  
**Water fractured Pictured Cliffs perforated intervals 3760-3770; 3820-3830;**  
**3856-3864; 3876-3882; 3936-3942; 4028-4034; 4042-4050 with 55,650 gallons water and 70,**  
**000 # sand. Breakdown pr. 1600 #, max. pr. 2890 #, avg. tr. pr. 1600-1650-**  
**2250-2400-2300-1750-1900. Injection rate 33.6 B.P.M. Flush 5350 gallons**  
**Dropped 6 sets of 15 balls each for 7 stages. Used 1 % calcium chloride in all**  
**free water. Spotted 1000 gal Spearhead acid before perf.**

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 990**  
**Farmington, New Mexico**

By **ORIGINAL SIGNED A.M. SMITH**  
Title **Petroleum Engineer**

