

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
077521-A
Lease No. _____
Unit San Juan 28-5 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.....	<u>Water Frac</u>

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

Well No. 51 is located 1800 ft. from [N] line and 1150 ft. from [E] line of sec. 31
N.E. Section 31 28-N 5-W H.M.P.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco Mesa Verde Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6417 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)

On 8-12-61 Total Depth 5580'. C.O.T.D. 5549'.
Water fractured Mesa Verde perforated int 5404-10; 5420-26; 5430-42;
5448-54; 5462-68; 5496-5502; with 60,000 gal water and 60,000# sand.
BHP 2800#, max pr 2800#, avg tr pr 1000-2000#. Injection rate 50 BPM.
Flush 7500 gallons. 6 stages - 5 of 12 balls.

On 8-13-61 total depth 5580'. Temporary Bridge plug at 5300'.
Water fractured Cliff House perf int 5026-5038'. with 20,000 gallons
water & 20,000# sand. BHP 4200#, max pr 1800#, avg tr pr 1800#.
Injection rate 47.4 BPM. Flush 7250 gallons.

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 D. W. Meehan

Title Petroleum Engineer