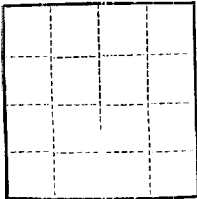


Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. 04202
Unit Johnston

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)

May 29, 1954

Well No. 5-24 is located 1700 ft. from N line and 1600 ft. from E line of sec. 17

NE Sec. 17 26N 9W N.M.P.M.
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Artes F.C. & Blanco M.V. Santa Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5100 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.)

5-24-57. T.D. 5669'. Plug back T.D. 4622'. Water frac P.L. perf. intervals 4496-70;
4512-46; 4574-86; 4600-10 (2/ft). w/59,900 gal. water & 60,000 sand. B.D. 1700',
max. tr. pr. 1600', avg. tr. pr. 1600'. Injection rate 60.0 BPM. Flush 8000 gal.

5-24-57. T.D. 5669'. Temporary Bridge plug at 4240'. Water frac Menefee perf. intervals
4055-78; 4152-78; 4196-4208 (2/ft). w/52,747 gal. water & 51,000 sand. B.D. none,
max. tr. pr. 2000-2150-2700-balloff', avg. tr. pr. 2000-2100-2700-balloff', injection
rate 40.5 BPM. Flush 10,000 gal. Injected 3 sets of 24 balls each.

5-24-57. T.D. 5669'. Temporary Bridge plug at 3503'. Water frac P.C. perf. intervals
2154-2198 (2/ft) w/37,041 gal. water & 40,000 sand. B.D. 2800', max. tr. pr. 1200',
avg. tr. pr. 1200', injection rate 67.1 BPM. Flush 9805 gal.

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 D. C. Johnston
Title Petroleum Engineer