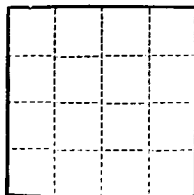


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 67840
Unit San Juan 20-7 Unit
14-00-001-459



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. 109(MD) is located 800 ft. from S line and 1650 ft. from W line of sec. 18

SW/4 Sec. 18 27N 7W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Alenco M.V. & Wildcat Lk. Rio Arriba New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6557 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)

- 7-4-59 Total Depth 7555'. CO.T.D. 7460'. Water frac. Lower Dakota perf. int. 7398-7404; 7410-7426; 7434-7440; 7448-7457' w/59,825 gallons water and 40,000# sand. BD pr. 2500#, max. pr. 3700#, avg. tr. pr. 3000-3200-3500-3700#. I.R. 55 BPM. Flush 21,000 gallons. Dropped 3 sets of 15 balls. Frac. water contained 1% CaCl & 17% NaCl/1000 gal. 200 gal. MEA ahead of frac.
- 7-5-59 Temporary bridge plug at 7381'. Water fractured Upper Dakota perf. int. 7316-24; 7333-44; 7361-71 w/49,163 gallons water & 30,000# sand. BD pr. 2000#, max. pr. 3550#, avg. tr. pr. 3000-3200-3500#. I.R. 57 BPM. Flush 21,000 gallons. 1 drop of 20 and 1 of 14 balls. Frac. water same as above. 200 gal. MEA ahead of frac.
- 7-5-59 Temporary bridge plug at 7240'. Water frac. Point Lockout perf. int. 5168-78; 5193-5204; 5226-34; 5244-60-5271-79 w/37,836 gal. water and 45,000# sand. BD pr. 2500#, max. pr. 2500#, avg. tr. pr. 700-900-600#. I.R. 53 BPM. Flush 9240 gal. Dropped 2 sets of 20 balls.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Al Paso Natural Gas Co.

Address Box 997

Farmington, New Mexico

By Original Signed C. D. COX

Title Petroleum Engineer