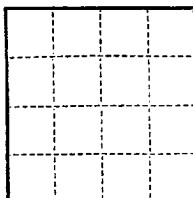


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Indian Agency Jicarilla Apache  
Tribal Contract \_\_\_\_\_  
Allottee #65  
Lease No. Jicarilla



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 REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING 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)

June 4, 1958

Well No. 4-C(IM) is located 1660 ft. from [N] line and 1600 ft. from [E] line of sec. 16

NE Sec. 16 25N 4W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Undesignated Mesa Verde &  
South Blanco P. C. Rio Arriba New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7377 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)

- 5-14-58 C.O.T.D. 6134'. Perf w/2 DJ/ft. Int. 5960-80; 6000-14; 6020-42; 6060-88; 6096-6126. Water frac. Point Lookout w/42,000 gal. water; 40,000# 20/40 sand, flush w/13,000 gal. water. I.R. 42.7 BPM. ED pr. 1900; max. pr. 3200#; tr. pr. 1500; 1650; 2150; 3000#. 4 Stages - 3 drops of 20 balls each.
- 5-14-58 BP @ 5910'. Perf. w/1DJ/ft. Int. 5764-78; 5792-5810; 5834-70. Water frac. Mansfee w/54,000 gal. water, 53,000# 20/40 sand, flush w/10,000 gal. water. I.R. 49.8 BPM. ED pr. 2700#; max. pr. 3000#, tr. pr. 2000 & 2800#. 2 stages - 1 drop of 20 balls.
- 5-14-58 BP @ 5600'. Perf. w/2DJ/ft. Int. 3812-40. Water frac. Pictured Cliffs w/37,000 gal. water; 35,000# 10/20 sand, flush w/8000 gal. water. I.R. 67.2 BPM. ED pr. 2000#, tr. pr. 1500#, max. pr. 1700. 2% CaCl mixed with frac. water.

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