

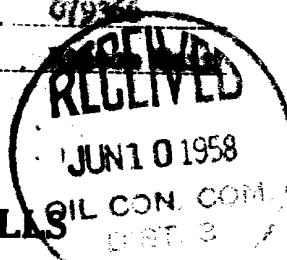
(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe

Lease No. 679366

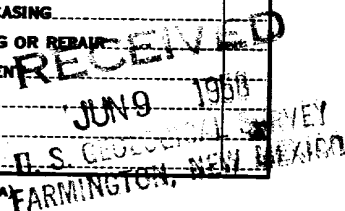
Unit _____



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)



June 4

19 56

Well No. 107 (M) is located 1550 ft. from S line and 1550 ft. from W line of sec. 19

SE Sec. 19

Blanco (Twp.)

27N (Twp.)

6W (Range)

N.M.P.M. (Meridian)

So. Blanco P. Co. (Field)

Rio Arriba (County or Subdivision)

New Mexico (State or Territory)

The elevation of the derrick floor above sea level is 6603 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)

- 5-27-56 C.O.T.D. 5517'. Water fraced Point Lookout perf. int. (2 DJ/Ft.) 5306-82; 5330-40; 5350-84; 5397-5406; 5418-34; 5447-60; 5468-92 w/56,160 gal. water and 60,000# sand. ND pr. None, max. pr. 1550#, avg. tr. pr. 1150, 1550#. I.R. 66.6 BPM. Flush 11,000 gallons. 6 Stages - 5 drops of 20 balls.
- 5-27-56 Temp. BP at 5200'. Water Fraced. Manatee perf. int. 2 DJ/Ft. 4926-30; 4996-3010; 5021-38; 5040-58; 5068-78; 5100-34 w/54,396 gal. water & 60,000# sand. ND pr. 2300#, max. pr. 2300#, avg. tr. pr. 1900, 2300#, I.R. 49.2 BPM. Flush 10,000 gal. 6 Stages - 5 drops of 20 balls.
- 5-30-56 Temp. BP at 4870'. Water fraced. C. E. perf. int. 2 DJ/Ft. 4754-70; 4794-4806; 4826-44; w/40,700 gals. water & 40,000# sand. ND pr. 2500#, max. pr. 1900#, avg. tr. pr. 1900#. I.R. 77.0 BPM. Flush 10,000 gal. 3 Stages - 2 drops of 20 balls.

(Over)

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. Johnson

Title Petroleum Engineer

3-30-14 IR # 3500'.

Eng. w/2 M/Ft. Int. 3100-12; 3130-60. Water freed. Pictured
 61474 w/39,300 gal. water, 40,000 lb/50 mm, flush w/10,000
 gal. water. I.R. 64.0 MM. 20 pr. 3000; tr. pr. 1100 & 2500.
 Max. pr. 2000. 4 Stages - 3 drops of 20 balls.

THE UNIVERSITY OF CHICAGO

DATE: 11/11/2011

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The transformation efficiency of *Agrobacterium* strains was determined by the number of transformants per 100 cells of *Agrobacterium* strains. The transformation efficiency of *Agrobacterium* strains was determined by the number of transformants per 100 cells of *Agrobacterium* strains.