

(SUBMIT IN TRIPLICATE)

Indian Agency **Jicarilla Apache**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Allottee \_\_\_\_\_

Lease No. **Cont. #66**

**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	<b>Water Frac.</b>

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

**August 17**, 19 **60**

Well No. **15-B** is located **1620** ft. from **[S]** line and **1075** ft. from **[E]** line of sec. **33**

**SE 1/4 Sec. 33**

(1/4 Sec. and Sec. No.)

**23N**

(Twp.)

**4W**

(Range)

**N.M.P.M.**

(Meridian)

**So. Blanco Pictured Cliffs**

(Field)

**Rio Arriba**

(County or Subdivision)

**N.M.**

(State or Territory)

The elevation of the derrick floor above sea level is **6946** ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

**7-9-60 Total Depth 3264'. C.O.T.D. 3238'. Water fractured Pictured Cliffs perf. intervals 3138-3136; 3146-3134; 3174-3154 w/37,680 gallons water and 30,000 gal. sand. 20 pr. 3400#, max. pr. 3500#, avg. tr. pr. 3000-3100-3200-3400#. I.R. 21.1 BPM. Flush 1680 gallons. Frac water contained 15 Calcium Chloride, 5# J-96/1000 gal. Dropped 3 sets of 10 balls for 4 stages.**

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 By: D.H. Oheim**

Title **Petroleum Engineer**

