

(SUBMIT IN TRIPLICATE)

Indian Agency Alamogordo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee Alamogordo Tribal
Lease No. Contract 111

X		

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>Subsequent Report of Sandfract Treatment</u>

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

April 23rd, 19 57

Well No. 2-M is located 990 ft. from [N] line and 1600 ft. from [W] line of sec. 5
NE/4 NW/4 Sec. 5 24N 4W E.N.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
S. Blanco FC Mt. Rio Arriba New Mexico
(Field) (County or Subdivision) (State Territory)

The elevation of the derrick floor above sea level is 6705 ft.

DETAILS OF WORK

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

4- 9-57 Cleaned out to 2940'. Perforated 2884' to 2916' with 4 holes per foot.
4-10-57 Attempted to sandfract. Could not break formation with 3000#. Treated perforations with 200 gallons HCl. Sandfractured with 20,000 gallons water and 30,000# sand, flushed with 3,000 gallons water. Breakdown pressure 1800#, broke to 900#. After 10,000 gallons injection dumped 50 rubber balls. Pressure increased to 1300#. After 20,000 gallons injection dumped 50 more rubber balls. Pressure increased to 1850#. Average injection rate 57.8 BPM. After 8 hours flowing 421 MCF/day.

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

Title Senior Petroleum Engineer

