Form 9-331 b
(April 1952)

Budget Approval expires 12-31-60.

Indian Agency Navajo Tribal

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee

Lease No. 14-20-603-2037

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		Sandoil Frac.	X

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

RECEIVED
FEB 3 1959
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

January 29, 19 59

Chimney Rock

Well No. 4-A is located 1900 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 24

NE SE/4 Sec. 24 (¼ Sec. and Sec. No.) | 31N (Twp.) | 17W (Range) | NMPM (Meridian)

Horseshoe Gallup Ext. (Field) | San Juan (County or Subdivision) | New Mexico (State or Territory)

RECEIVED
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OIL CON. COM.
DIST. 3

The elevation of the derrick floor above sea level is 5650 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)

January 28, 1959 Total Depth 1492'. Clean Out Total Depth 1445'.
Sandoil fractured Gallup perforated interval 1404'-1426' (2 sh./ft.) with 19,530 gallons oil and 25,000# sand. Breakdown pressure 1700#, maximum treating pressure 1100#, average treating pressure 1050#. Injection Rate--57.0 bbls./min. Flush 1890 gals. oil. Spotted 250 gals. 7-1/2% MCA before fracture. Injected 22 rubber balls halfway through treatment.

January 28, 1959 Total Depth 1492'. Temporary Bridge Plug at 1350'.
Sandoil fractured Gallup perforated interval 1289'-1311' (2 sh./ft.) with 20,160 gals. oil and 25,000# sand. Breakdown pressure 2200#, maximum treating pressure 1100#, average treating pressure 1000#. Inject Rate--54.0 bbls./min. Flush 1680 gals. oil. Spotted 250 gals. 7-1/2% MCA before fracture. Injected 22 rubber balls halfway through treatment.

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 Products Company

Address Post Office Box 1565

Farmington, New Mexico

By ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

Title Petroleum Engineer

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