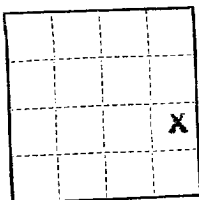


(SUBMIT IN TRIPLICATE)

Approval expires 12-31-60.

Indian Agency Navajo TribalUNITED 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	<u>Sandoil Frac.</u>

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

GEOLOGICAL SURVEY
NEW MEXICO

January 29

19 59

Chimney Rock

Well No. 4-A is located 1900 ft. from NE line and 660 ft. from E line of sec. 24NE SE/4 Sec. 24
(1/4 Sec. and Sec. No.)31N
(Twp.)17W
(Range)NMPM
(Meridian)Horseshoe Gallup Ext.
(Field)San Juan
(County or Subdivision)New Mexico
(State or Territory)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. Flow 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. Flow 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 CompanyAddress Post Office Box 1565Farmington, New Mexico

ORIGINAL SIGNED BY: WILLIAM K. GLAZENER

By Petroleum Engineer

Title