

(SUBMIT IN TRIPLICATE)

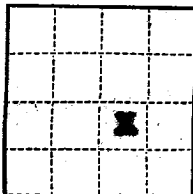
Indian Agency

Navajo Tribal

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	RECEIVED U. S. GEOLOGICAL SURVEY FARMINGTON, NEW MEXICO
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	Sandell Proc.	

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

July 16, 1959

Chimney Rock

Well No. 13-A is located 1900 ft. from [S] line and 1900 ft. from [E] line

NW 32/4 Section 25

31N

17W

114° 04'

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

(Twp.)

(Range)

(Meridian)

Horseshoe Gulch Est.

San Juan

New Mexico

(Field)

(County or Subdivision)

(State)

The elevation of the derrick floor above sea level is 5810 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)

July 2, 1959 Total Depth 1545'. Clean Out Total Depth 1539'.

Sandell fractured Lower Gallup perforated interval 1405'-1409' (2 in./ft.) with 29,100 gals. oil & 25,000 gal. sand. Breakdown pressure 15000, maximum treating pressure 15000, average treating pressure 15000. Injection rate 49.0 bbls./min. Flush 1600 gals. oil. Pumped in 125 gals. 7-1/2% HDA before fracture. Injected 17 rubber balls halfway thru treatment, 250 psi. increase.

July 2, 1959 Total Depth 1545'. Temporary Bridge Plug at 1465'.

Sandell fractured Lower Gallup perforated interval 1415'-1440' (2 in./ft.) with 27,500 gals. oil & 25,000 gal. sand. Breakdown pressure 15000, maximum treating pressure 15000, average treating pressure 15000. Injection rate 47.5 bbls./min. Flush 1670 gals. oil. Pumped in 125 gals. 7-1/2% HDA before fracture. Injected 33 rubber balls halfway thru treatment, 150 psi. increase.

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 Production Company

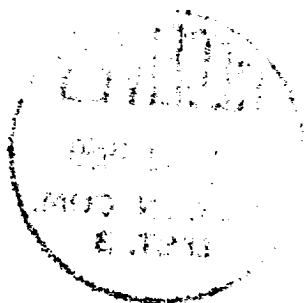
Address Post Office Box 1545

Farmington, New Mexico

ORIGINAL SIGNED BY: JOSEPH E. KREGER

By

Title Petroleum Engineer



RECEIVED: 1967 JAN 24 10 45 AM