



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office New Mexico
Lease No. 03153
Unit O. H. Randal

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 RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		

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

O. H. Randal

Farmington, New Mexico April 17, 1958

Well No. 1 is located 1650 ft. from SW line and 990 ft. from NE line of sec. 9
SW 1/4 of Section 9 T-26-N R-11-W N.M.P.M.
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan New Mexico
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6289 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)

O. H. Randal Well No. 1. On April 10, 1958, perforated Dakota with two shots per foot 6189-6230, 6260-6280. Sand-water fracked with 40,000 gallons water and 40,000 pounds sand. Frac preceded with 900 gallons 15% MCA. Used 25 Gallons Hysflo in first 100 barrels frac fluid. Injected 25 rubber balls after 20,000 gallons and injected 25 rubber balls after 25,000 gallons. Formation broke at 2000 pounds pressure. Average injection rate 90 barrels per minute. Set retrievable bridge plug at 6028' and tested to 2000 pounds, which held with no drop in pressure. Perforated Gallup with four shots per foot 5300-5342, 5372-5400, 5424-5458. Sand-oil fracked Gallup zone with 60,000 gallons oil and 60,000 pounds sand. Injected 240 rubber balls in six stages during frac for selective treatment. Formation broke at 1350 pounds. Average injection rate 46 barrels per minute. O. H. Randal Well No. 1 is currently being tested.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pan American Petroleum CorporationAddress Box 487Farmington, New Mexico

By

Title Field Clerk