


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 42-R350.4.

Indian Agency Jicarilla Apache 102  
Allottee \_\_\_\_\_  
Lease No. \_\_\_\_\_

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		

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

Jicarilla Apache 102

Farmington, New Mexico, September 24, 1963

Well No. 13 is located 1190 ft. from N line and 1450 ft. from E line of sec. 10

NE/4 NE/4 Sec. 10  
(4 Sec. and Sec. No.)

T-24-N R-4-W  
(Twp.) (Range)

N.M.P.M.  
(Meridian)

Basin Dakota  
(Field)

Rio Arriba  
(County or Subdivision)

New Mexico  
(State or Territory)

The elevation of the derrick floor above sea level is 6057 ft.

DETAILS OF WORK

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

The above well was spudded September 10, 1963 and drilled to a depth of 204'. 10-3/4" casing was set at that depth with 140 sacks type "C" cement with 25 calcium chloride and resumed drilling.

Well drilled to a depth of 3096' and 7-5/8" casing was set at that depth with 140 sacks Quikstrength. 7-5/8" casing tested at 2000 PSI for 15 minutes. Test OK. Reduced hole to 6-3/4" and resumed drilling. Well drilled to total depth 3095' and 4-1/2" casing set at that with 100 sacks Quikstrength containing 45 gal and 1-1/2 lb. Tuf Plug per sack, followed by 100 sacks of Quikstrength cement. Tested 4-1/2" casing to 3500 PSI for 15 minutes. Held OK.

Perforated 7776'-7790' and 7753'-7767' with 4 shots per foot. Fracked with 40,000 gal. water containing 25 calcium chloride and 2-1/2 lb. PB-2 per 1000 gal, and 30,000 lbs of 20-40 sand, and, 10,000 lbs 10-20 sand. Pressures were:  
(Continued on back)

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 CORPORATION

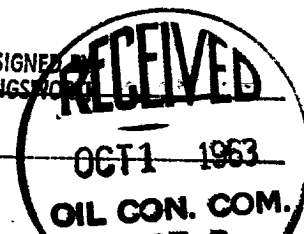
Fred L. Nabors, District Engineer

Address P. O. Box 400

Farmington, New Mexico

By ORIGINAL SIGNED  
F. H. HOLLINGSWORTH

Title \_\_\_\_\_



Breakdown-1100' PSI; Average Treating-3000PSI; Instant shut-in-3000PSI. The average  
Injection rate was 21 barrels per minute.  
Now preparing to test well.