

Indian Agency -----
Towaco, Colorado

Allottee -----
 14-20-151-45
 Lease No.

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RWELLS LIVE

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<div style="text-align: right;"> JAN 2 1963 U.S. GEOLOGICAL SURVEY DURANGO, COLO. </div>
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	Report of sand-oil fracturing	

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

December 26, 19 62

Well No. Astec No. 1 is located 535 ft. from S line and 2238 ft. from W line of sec. 10

SW² Sec. 10
(1/4 Sec. and Sec. No.)

31 North 18 West N.W.P.M.
(Twp.) (Range) (Meridian)

Verde Gallup

DATA

New Mexico

(Field)

(County or Subdivision)

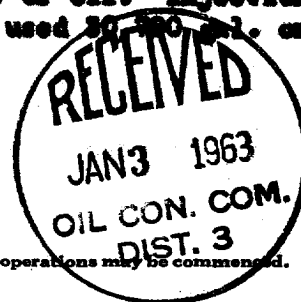
(State or Territory)

The elevation of the derrick floor above sea level is 5793 ft.

(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)

The following sand-oil fracture treatment was performed on Dec. 23, 1962.

Sand oil fractured open hole from 1888' to 2017' (TD) with 28,400 gal. of oil and 30,000 lb. of size 10-20 sand. Formation broke down at 250 psi and treated at 800 to 1100 psi. Flushed with 2200 gal. of oil. Injection rate (over-all) 34.9 barrels per min. Total frac oil used 30,400 gal. or 720 barrels.



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

Company E. Martin Oil & Gas Co.

Address 4705 North 32nd Place
Phoenix, Arizona

By B. A. Clement
Agent & Consulting Geologist

