


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office New MexicoLease No. 5X 04686Unit Northeast Hogback Unit

## 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
NOTICE OF INTENTION TO ABANDON WELL	

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

Northeast Hogback Unit

Farmington, New Mexico May 24, 1960

Well No. 2 is located 825 ft. from N line and 875 ft. from E line of sec. 15

15/4 15/4 of Section 15 T-30-N 2-10-S N. 20. 2. E.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Worsenoco Gallup SAN JUAN New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5425 ft. (ASL)

## 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)

Plug back depth 2058' - Perforated lower Gallup 6 shots per foot 1892'-1900'. Sand oil fracked with 10,000 gallons oil and 10,000 pounds sand. Breakdown pressure 1800 psi, average treating pressure 1300 psi, average injection rate 35 barrels per minute. Set bridge plug at 1876' and tested with 1000 psi, which held with no indication of pressure drop. Perforated upper Gallup with 2 shots per foot 1822'-1842'. Sand oil fracked with 30,900 gallons oil and 33,000 pounds sand. Breakdown pressure 2400 psi, treating pressure 1350 psi, average injection rate 34 barrels per minute. Cleaned out to bridge plug and retrieved bridge plug. Set 2-3/8" tubing at 1912'. Ran rods and pump.

Completed as pumping oil well Worsenoco Gallup field May 23, 1960. Potential test pumped 201 barrels oil per day with 16-48" strokes per minute with 1-1/2" pump. Gas oil ratio not yet available. Gravity 42° API.

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

Company Van American Petroleum CorporationAddress P. O. Box 487Farmington, New MexicoAttn: L. W. Speer, Jr.ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_

Title Area Engineer