



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office New MexicoLease No. 3Unit O. J. Hoover

## 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)

O. J. Hoover

Farmington, New Mexico May 26, 1960

Well No. 3 is located 110 ft. from N line and 910 ft. from E line of sec. 15NM/A NM/A of Section 15 T-30E R-16W N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)Horseshoe Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)The elevation of the derrick floor above sea level is 5115 ft. (308)

## 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 1190'. Perforated lower Gallup with 6 shots per foot 1157-1163. Sand oil fracked with 10,000 gallons oil and 10,000 pounds sand. Breakdown pressure 2000-1350 psi, average treating pressure 1200 psi. Injection rate 48 barrels per minute. Set Bridge Plug at 1147' and tested with 2900 psi which held with no indication of pressure drop. Ran junk basket and perforated upper Gallup with 2 shots per foot 1153-1154. Retrieved junk basket. Sand oil fracked with 34,100 gallons oil and 35,000 pounds sand. Breakdown pressure 1900-1500 psi, average treating pressure 1300 psi, average injection rate 47 barrels per minute. Pulled bridge plug and cleaned sand to plug back depth. Landed 2" tubing at 1148'. Ran rods and pump. Currently recovering lead oil used during Gallup completion operations.

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 P.O. Box 467Farmington, New MexicoAttention L. G. Spear, Jr.By R. M. Bauer, Jr.  
Title Area Engineer