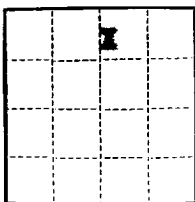


(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **New Mexico**
Lease No. **NY-3443-b**
Unit **O. J. Hoover "D"**



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 "D"

Farmington, New Mexico November 11, 1959

Well No. 1 is located 640 ft. from N line and 1900 ft. from E line of sec. 24
NE 1/4 of Section 24 T-30-N R-16-W 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 5360 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)

The following additional work was performed on O. J. Hoover "D" Well No. 1: Pulled tubing and rods and ran bridge plug set at 3910. Tested bridge plug with 3100 psi, which held with no indication of pressure drop. Ran 2-3/8" tubing with Dowell jet tool set at 3908'. Abradjet casing at 3908' with 120 barrels oil and 5000 pounds sand. Pumped for 30 minutes with maximum 3425 psi and minimum 3150 psi with 4 barrels per minute with 5 RPM. Circulated out for 45 minutes. Lowered tool to 3918' and circulated for 20 minutes. Pulled tubing and tool. Sand oil fractured upper Gallup with 39,400 gallons oil and 40,000 pounds sand. Breakdown pressure 2600 psi - 2000 psi, maximum treating pressure 2600 psi, minimum treating pressure 1500 psi, injection rate 38 barrels per minute. Retrieved bridge plug. Landed 2" tubing at 4010'. Ran rods and pump. Well is currently recovering lead oil used during additional work on upper Gallup formation.

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

Address Box 467

Farmington, New Mexico

Attn: L. O. Spear, Jr.

By [Signature]

Title Area Engineer