



(SUBMIT IN TRIPLICATE)

 UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 GEOLOGICAL SURVEY

 Land Office New Mexico  
 Lease No. WM 0443-C  
 Unit O. J. Hoover "C"

## SUNDRY NOTICES AND REPORTS ON WELLS

NOV 18 1958

GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

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.....	<b>I</b>
NOTICE OF INTENTION TO ABANDON WELL.....		

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

O. J. Hoover "C"

Farmington, New Mexico November 17, 1958

Well No. 1 is located 700 ft. from N line and 3060 ft. from W line of sec. 11SW 1/4 of Section 11  
(1/4 Sec. and Sec. No.)T13N  
(Twp.)R16E  
(Range)N.M.P.M.  
(Meridian)Horseshoe Gallup (Ext.)  
(Field)San Juan  
(County or Subdivision)New Mexico  
(State or Territory)The elevation of the derrick floor above sea level is 5105 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)

O. J. Hoover "C" Well No. 1. On November 6, 1958, perforated Gallup zone with two shots per foot 2056-2076, 2146-2175. Sand-oil fracked with 39,700 gallons oil and 40,000 pounds sand. Formation broke at 2000 pounds. Treating pressure 1150-300 pounds. Average injection rate 30 barrels per minute. Injected total 50 perforated ball sealers in two batches, 25 each after 19,000 gallons and 23,000 gallons of treatment for selective stimulation. Pressure increased to 2150 pounds breaking to 2000 pounds with first batch and to 3000 pounds with second batch. Injection rate first 19,000 gallons of treatment 49 barrels per minute. Two inch tubing landed at 2176'. Completed as Horseshoe-Gallup Field development oil well November 14, 1958. Potential test November 14, 1958, pumped 57 barrels oil and no water in six hours with 19-40" strokes per minute with 1-1/2" pump, or at rate of 328 barrels oil per day. Oil Gravity 40.7 degrees API. Gas-oil ratio too small to measure.

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 Box 487Farmington, New MexicoORIGINAL SIGNED BY  
**D. J. SCOTT**

By \_\_\_\_\_

Title Field Clerk