



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office New Mexico
Lease No. NM 04443
Unit O. J. Hoover "B"

SUNDRY NOTICES AND REPORTS ON WELLS

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| 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 "B"

Farmington, New Mexico January 6, 1959

Well No. 1 is located 470 ft. from N line and 620 ft. from W line of sec. 11
NW/4 of Section 11 T-30-N R-16-W M.N.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 5511 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 "B" Well No. 1. On December 7, 1958, perforated upper Gallup 1524-1568 two shots per foot. Attempted to perforate 1641-1670 but hit bridge in casing at 1662'. Drilled out bridge at 1671 with tubing and power tongs. Spotted 200 gallons mud clean out agent. Perforated lower Gallup 1641-70 with two shots per foot. Sand-oil fracked with 40,500 gallons oil and 40,000 pounds sand. Breakdown pressure 1850 pounds. Treating pressure maximum 2150 pounds, minimum 1450 pounds. Injected 60 ball sealers in 3 batches of 20 each after frac volumes of 500, 600 and 700 barrels. Average injection rate 55 barrels per minute. Cleaned out to 1692' with sand pump. Landed 2" tubing at 1677'. Installed pumping equipment. In as much as well was not recovering lead oil satisfactorily, moved in pulling unit on December 18, 1958, and pulled and re-ran rods to change out sub-surface pump. Pulled rods, pump and tubing. Checked perforations and found no sand fill-up. Retrievable bridge plug set at 1600'. Sand-oil fracked upper Gallup 1524-1568 with (See reverse side)

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 487

Farmington, New Mexico

ORIGINAL SIGNED BY
L. O. Speer, Jr.

By

Title Field Superintendent

30,000 gallons oil and 25,000 pounds sand. Breakdown pressure 1500 pounds, treating pressure 1550 pounds. Average injection rate 53 barrels per minute. Pulled wireline bridge plug. Landed 2" tubing at 1552'. Ran pump and rods and started well pumping. Well is currently recovering lost oil.