



(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. SF 077968
Unit C. J. Holder

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<u>4-1/2"</u>	<u>X</u>
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.....		<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL.....	<u>Core Results</u>		<u>X</u>

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

C. J. HOLDER

Farmington, New Mexico

May 5, 19 61

Well No. 11 is located 493 ft. from N line and 660 ft. from W line of sec. 8

Lot 4 of Section 8 T-28-N R-13-W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Chm Chm Gallup San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5996 ft. (RDS)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Note: Well location in center of Lot 4 of partial Section 8 corresponds to Unit Letter L and footage distances of 493' FWL and 660' FWL or 1812' FSL and 660' FSL of Section 8, T-28N, R-13W.

Core No. 1 - 5600-5633' - Recovered 28' as follows: 6' shale with sand streaks, 9' sandy shale, 3' sand with shale nodules, 10' sand with occasional shale streaks with good porosity and permeability, vertical fractured 5600-5613 and 5619-5628.

Core No. 2 - Gallup 5633-5667' - Recovered 34' silt with occasional sand partings.

Core No. 3 - Gallup 5667-5693' - Recovered 26' as follows: 9' sandy shale, 3' shaly sand, 3' sand, 5' shale and sand, 6' shale. Vertical fractures 5667-70,

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

Company PAN AMERICAN PETROLEUM CORPORATION

Address P. O. Box 480

Farmington, New Mexico

ORIGINAL SIGNATURE
R. M. DAVIS, JR.

By _____

Title Senior Petroleum Engineer

5674-5675' and 5681-5682' with good bleed oil and gas 5679-5687'.

Total depth 5763' plug back depth 5726' - Set 4-1/2" casing at 5760' with 125 sacks 6 percent gel cement containing 1-1/2 pounds surf plug per sack, followed by 75 sacks most cement. Displaced with 300 gallons 15 percent MCA and 85 barrels oil. Tested casing with 3000 psi for 1-1/4 hours when held with no indication of pressure drop. Released 18 April 28, 1961.

Perforated lower casing with 4 shots per foot 5672-5686'. Sandall treated with 11,000 gallons oil containing 25 pounds Adonite Mark II per 1000 gallons and 10,000 pounds sand. Breakdown pressure 2100-2000 psi, treating pressure 2600 psi, average injection rate 29 barrels per minute. Immediate shut in pressure 1200 psi. Set retrievable bridge plug 5648' and tested with 3000 psi for 15 minutes, which held with no indication of pressure drop. Perforated upper casing with 6 shots per foot 5618-5626'. Preceded treatment with 1000 gallons oil containing 5 gallons 0-15 and 5 gallons 1-5 additives. Sandall treated with 21,600 gallons oil with 50 pounds Adonite Mark II and 2 gallons 0-15 additives per 1000 gallons and 20,000 sand. Breakdown pressure 2600-2000 psi, treating pressure 2700 psi, average injection rate 27 barrels per minute, immediate shut in pressure 1400 psi. Retrieved bridge plug. Landed 2-3/8" tubing at 5711'. First new oil produced May 5, 1961. Currently taking potential test, which will be reported on final log.