



(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
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	<u>Core report</u>

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

C. J. Holder

Farmington, New Mexico April 20, 1961

Well No. 10 is located 660 ft. from S line and 810 ft. from E line of sec. 16

SE/4 SE/4 of Section 16 T-28-N R-13-W N.M.P.M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Cha Cha Gallup

San Juan

New Mexico

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 6077 ft. (RDB)

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)

Spudded 12-1/4" hole on April 1, 1961. Set 8-5/8" casing at 205' with 135 sacks cement containing 2 percent calcium chloride. After waiting on cement tested pipe with 750 psi for 20 minutes. Test ok. Reduced hole to 7-7/8" at 208'.

Core No. 1 5706-5752'. Recovered 44' as follows: 34' sandy to slightly sandy shale, vertically fractured throughout with occasional thin sand partings; 10' very shaly tight sand with slight oil bleed 5743-5746'. Core barrel jammed.

Core No. 2 5752-5776. Recovered 22' as follows: 11' very shaly sand, tight and vertical fractured 5759-5769'; 1' sandy shale with sand partings; 10' shale with thin sand partings and vertical fraes.

Core No. 3 5776-5796'. Recovered 20' fractured sand.

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

Company Pan American Petroleum Corporation

Address Box 480

Farmington, New Mexico

Attn: L. O. Speer, Jr.

ORIGINAL SIGNED BY  
By R. M. Bauer, Jr.

Title Senior Petroleum Engineer

Set 4-1/2" casing at 5837' with 125 sacks 6 percent gel cement containing 1-1/2 pounds medium tur plug and 75 sacks neat cement. After waiting on cement tested casing with 3000 psi. Test ok. Completion operations begun.