



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYLand Office Santa Fe  
Lease No. 57 077960  
Unit C. J. Holder

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<b>X</b>
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 Results</u>	<b>X</b>

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

C. J. Holder

Farmington, New Mexico January 24, 1961

Well No. 5 is located 660 ft. from N line and 1830 ft. from E line of sec. 16NE 1/4 NE 1/4 of Section 16 T-28-N R-13-W R.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 6096 ft. (AMS)

## 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)

Core No. 1 5710-5736 Gallup - Core barrel jammed - recovered 28' as follows: 3' shale, 2' tight shaly sand, 10' shale, 3' sandy shale, 1' tight shaly sand, 1 1/2' sand with pin to see six shale nodules, 4-1/2' well cemented medium grained sand with occasional shale stringers, fair porosity, fair odor, 2' shaly sand with faint odor with 2' sandy shale.

Core No. 2 - 5738-5743 Gallup - Core bit balled up and rotary table froze. Recovered 5' shale.

Core No. 3 - 5743-5792 Gallup - Recovered 49' as follows: 42' black shale, 5' sandy shale, 2' shaly sand with slight odor and slight bleed.

(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 CorporationAddress Box 480Farmington, New MexicoAttn: I. G. Speer, Jr.Checked by R. M. Bauer, Jr.

By \_\_\_\_\_

Title Senior Petroleum Engineer

Core No. 4 - 2792-5607 Gallup - Recovered 15' as follows: 8' shaly sand medium grained with bleeds throughout, 2' very shaly sand, 5' black shale.  
Total depth 5470', plug back depth 5835'. Set 4-1/2" casing at 5669' with 125 sacks cement with 66 gal cement containing 1/2 pound TSP per sack, followed by 75 sacks neat cement. The placed with oil and 300 gallons ICA. Tested casing with 3000 psi for 15 minutes which held with no indication of pressure drop. Released Feb January 17, 1961. Preparing for completion operations.