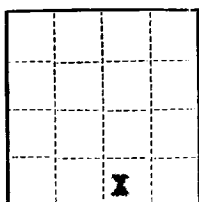


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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

Land Office Santa Fe  
Lease No. 3F-077968  
Unit C. J. Holder



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
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)

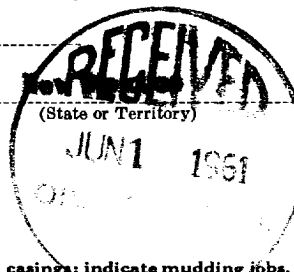
C. J. Holder

Farmington, New Mexico May 29, 19 61

Well No. 9 is located 660 ft. from S line and 1900 ft. from E line of sec. 9

SW/4 SE/4 of Section 9 T-28-N R-13-W N.M.P.M.  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cha Cha Gallup San Juan  
(Field) (County or Subdivision)



The elevation of the derrick floor above sea level is 5993 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)

Ran core barrel and would not core with no footage in 40 minutes. Pulled core bit and found badly worn with chunks of pyrite rock and river pebbles in core barrel.

Core No. 2 5658 1/2 - 5675' -- Recovered 14-1/2' as follows: 3' sand with scattered shale parting, good porosity and permeability, 2-1/2' tight shaly sand, 9' shale, vertical fractured 5658 1/2 - 5665', 5667 - 5669' -- Bleeding oil and gas 5658 1/2 - 5663'.

Core No. 3 5675 - 5735' -- Recovered 60' as follows: 34' shale, 16' shaly sand with occasional oil and gas bleed, average porosity 5.6%, fractional millidarcy permeability, 10' shale, vertical fractures throughout.

Total depth 5810' plug back depth 5762' -- Set 4-1/2" casing at 5601' with 125 sacks 6 percent gel cement, containing 1 1/2 pounds tuf plug per sack, followed by 75 sacks neat

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.

By \_\_\_\_\_

Title Senior Petroleum Engineer

comment. Deployed with water. Tested 4-1/2" casing with 3000 psi which held with  
no indication of pressure drop. Released 14g May 24, 1961. Preparing for completion  
operations.