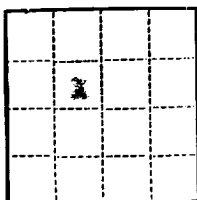


Form 9-331a  
(Feb. 1961)

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 87 077268  
Unit C. J. Holder



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<div style="text-align: center;"> <b>RECEIVED</b>  <b>MAR 1 1961</b>  <b>U. S. GEOLOGICAL SURVEY</b>  <b>FARMINGTON, NEW MEXICO</b> </div>
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.....	Results of Core.....	

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

C. J. Holder

Farmington, New Mexico February 28, 1961

Well No. 6 is located 660 ft. from S line and 1000 ft. from W line of sec. 9

SE/4 NW/4 of Section 9 T-22N R-13E N.M.P.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Chas Chas Gallup San Juan New Mexico  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6025 ft. (2025) **MAR 2 1961**

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 5672-5692' Gallup - Core barrel jammed. Recovered 20' as follows: 15' shale, 3' tight sand with shale nodules, and 2' medium grained sand with good porosity and permeability.

Core No. 2 5692-5712' - Recovered 20' as follows: 7' sand with very good to fair porosity and permeability. Vertical fractured with good odor and slightly tighter sand 5694-99 with thin shale partings 5697-98, 3' tight shaly sand with occasional tight sand partings, 2' silty sandy shale, 8' shale to silty sandy shale.

Core No. 3 5712-5728' Gallup - Recovered 16' as follows: 16' shale to slightly sandy shale.

Core No. 4 5728-5760' Gallup - Recovered 32' as follows: 16' shale and sand

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 Box 1480, Farmington, New Mexico

Attn: L. O. Spear, Jr.

APPROVAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_

Title Senior Petroleum Engineer

laminations with no appreciable vertical fracturing, 2' sandy shale, 2' shale and sand laminations, 12' shaly sand with oil and gas bleed throughout with occasional vertical fractures. Pan Electric Log.

Total depth 5837' - Set 4-1/2" casing at 5837' with 125 sacks cement with 1-1/2 pounds Tef Plug per sack followed by 75 sacks neat cement. Displaced plug with 87 barrels oil and 300 gallons BSA. Tested casing with 3000 psi for 30 minutes, which held with no indication of pressure drop. Released rig February 24, 1961. Preparing for completion operations.