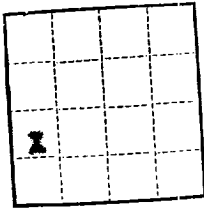


Form 8-381a  
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Santa Fe  
Lease No. 37 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	<u>X</u>
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 24, 19 51

Well No. 12 is located 493 ft. from N line and 660 ft. from W line of sec. 9

Lot 4 of Section 9  
(1/4 Sec. and Sec. No.)

T-28N  
(Twp.)

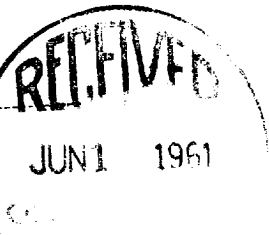
R-13E  
(Range)

N.M.P.M.  
(Meridian)

Che Che Gallup  
(Field)

San Juan  
(County or Subdivision)

New Mexico  
(State or Territory)



The elevation of the derrick floor above sea level is 5952 ft. (AM)

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 5600-5660' Gallup - Recovered 60' as follows 3-3/4' shale with scattered sand laminations, 1/2' shaly sand, 1 1/2' shale with sand laminations, 12 1/2' sand with scattered shale partings with good porosity and permeability from 5609-5612 1/2', 3' shaly sand, tight, 39' black shale, vertically fractured and broken throughout, occasional shale laminations.

Core No. 2 5660-5688' Gallup - Recovered 28' as follows 4' sandy shale, vertically fractured, 11' shaly sand with low porosity and permeability, vertically fractured throughout with sand 5667-68' and 5670-71', 13' shale with trace of sand, vertically fractured throughout, bentonitic shale at 5686'.

Total depth 5770' plug back depth 5730' moved in pulling unit. Displaced  
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 480, Farmington, New Mexico

Attention: L. O. Speer, Jr.

ORIGINAL SIGNED BY  
R. M. Bauer, Jr.

By \_\_\_\_\_  
Title Senior Petroleum Engineer

water with oil and spotted 300 gallons RM. Run correlation log. Perforated  
containing 5 gallons RM-1. Sandall treated with 1,800 gallons oil  
in 5 gallons RM-1 and 50 pounds iodine. Spotted 1000 gallons and 20,000  
pounds sand. Breakdown pressure 1350 psi, average treating pressure 2530 psi,  
average injection rate 32 barrels per minute. Intermittent shut in pressure  
completed on flowing oil well on 2-1/2 tubing at 5658'. First new oil produced May 18, 1961,  
950 psi. Loaded 2-1/2 tubing at 5658'. First new oil produced May 18, 1961,  
last May 25, 1961. Flowed 212 barrels oil per day on 1 1/2" choke. Tubing  
pressure flowing 550 psi, casing pressure flowing 685 psi.