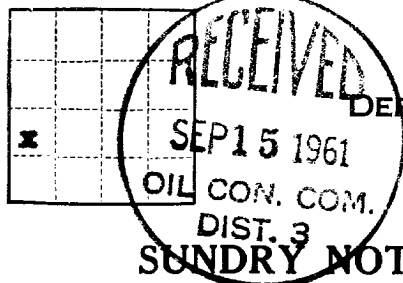


(SUBMIT IN TRIPLICATE)

Land Office Santa FeLease No. SF-077966Unit Gallagos Canyon UnitUNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF <u>4-1/2"</u>	<u>X</u>
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>Core</u>	<u>X</u>
NOTICE OF INTENTION TO ABANDON WELL		

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

Gallagos Canyon Unit

Farmington, New Mexico September 13, 1961

Well No. 104 is located 2132 ft. from S line and 810 ft. from W line of sec. 23NW/4 SW/4 of Section 23 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 _____ ft. (To be reported later)

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 5738-5751' - Recovered 13' as follows: 13' shale.

Core No. 2 5751-5806' - Recovered 56' as follows: 1' sandy shale, 7' sand with low porosity and permeability and bleed at 5753', 1' very shaly sand, 24' sand with occasional sand streaks, 11' black shale, 7' sandy shale, and 4' tight sand with vertical fractures.

Core No. 3 5806-5828' - Recovered 22' as follows: 2' sand, 1' shaly sand, 1' sand, 11-1/2' slightly shaly sand tight no fracturing, 2-1/2' shale with occasional sand streaks, and 4' black shale.

Set 4-1/2" casing at 5895' with 125 sacks 6 percent gel cement containing 1-1/2 pounds of Medium Tuf Plug per sack and 75 sacks neat cement on bottom. DV tool set at 2013'. Waited on cement 4 hours. Tested casing with 3000 psi for 15 minutes, which held with no indication of pressure drop. Cemented second stage with 150 sacks 6 percent gel cement.

Understand that this plan or work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Pan American Petroleum CorporationAddress P. O. Box 480Farmington, New MexicoAttn: L. C. Speer, Jr.ORIGINAL SIGNED BY
R. M. Bauer, Jr.

By _____

Title Senior Petroleum Engineer