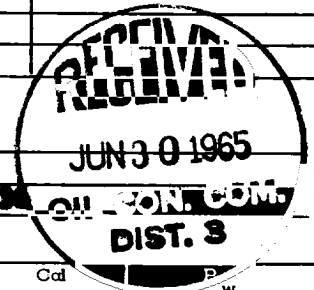


**NEW MEXICO OIL CONSERVATION COMMISSION
MULTI-POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 12-1-55

Pool Basin			Formation Sakota			County Rio Arriba			
Initial		Annual		Special		Date of Test 6-28-65			
Company SAN AMERICAN PETROLEUM CORP.			Lease San Juan 27-3			Well No. 96			
Unit	Sec. 14	Twp. 27N	Range 3W		Purchaser El Paso Natural Gas Company				
Casing 4-1/2	Wt. 10.3	I.D. 4.052	Set at 7970		Perf. 7602-7710		To 7811-7790-14		
Tubing 2-3/8	Wt. 4.7	I.D. 1.993	Set at 7845		Perf. 7630		To 7834		
Gas Pay: From 7692		To 7914		L 7693		G .700		GL 3442	
								Bar. Press. 12	
Producing Through:		Casing		Tubing X		Type Well — Single — Braden head — G.G. or G.O. Dual Single			
Date of Completion 6-28-65		Packer None			Reservoir Temp.				
OBSERVED DATA									
Tested Through: Prover ☐ Choke ☒ Meter ☐								Type of Taps	
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW
No.	Size (Line) 2 inch	Size (Choke) .730	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.
SI	6 Days					2304		2256	
1.			267			267	75°	979	75°
2.									
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	Pressure psia	Flow Temp. Factor F _t	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF P D @ 15.025 psia		
1.	12.2430		299	.9677	.9250	1.032	3400		
2.									
3.									
4.									
5.									
PRESSURE CALCULATIONS									
Gas Liquid Hydrocarbon Ratio _____ cf/bbl.					Specific Gravity Separator Gas _____				
Gravity of Liquid Hydrocarbons _____ deg.					Specific Gravity Flowing Fluid _____				
F _c _____ (1-e ^{-S}) _____					P _c 2406 P _c ² 5,788,634				
No.	P _w P _t psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	P _w ²	P _c ² - P _w ²	Cal P _w	P _w / P _c
1.						902,061	4,886,733		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **4011** MCFPD; n **.75**

COMPANY **SAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 400, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **F. L. Nabors, District Engineer** By: **F. W. Foell**