

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

Form C-122
Revised 12-1-55

Pool Blanco			Formation Masoverde			County San Juan			
Initial X		Annual		Special		Date of Test 3-29-66			
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Martinez Gas Com "C"			Well No. 1		
Unit A	Sec. 24	Twp. 29N	Range 10W		Purchaser				
Casing 5.500	Wt. 15.5	I.D. 4.950	Set at 6499		Perf. 3610-40/3942-35 4065-79/4324-40 3687-3711/3992- 4228-54 3744-56 / 4014 4276-52				
Tubing 1.900	Wt. 2.4	I.D. 1.610	Set at 4200		Perf. 4166		To 4172		
Gas Pay:	From 3610	To 4340	L 3975	G .700	GL 2783	Bar. Press. 12			
Producing Through:			Casing X	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual Gas-Gas Dual				
Date of Completion 3-13-66		Packer 6252			Reservoir Temp.				
OBSERVED DATA									
Tested Through: Prover ☐ Choke ☒ Meter ☐						Type of Taps			
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	XXXXXX (Line) Size	XXXXXX (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	16 Bayn					982		990	
1.	2 Inch	.750	150			150	60° est.	758	60° est.
2.									
3.									
4.									
5.									
FLOW CALCULATIONS									
No.	Coefficient (24 Hour)	$\sqrt{h_w p_f}$	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.	12.3650		162	1.0000	.9258	1.019	1889		
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 1002 P _c ² 1,004,004				
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	Gal P _w	$\frac{P_w}{P_c}$
1.						592,900	411,104		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3690** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 430, Farmington, New Mexico** COMPANY _____

Original Signed By:
AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**

