

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

Form C-122
Revised 12-1-55

Pool Basin			Formation Delata			County San Juan		
Initial X		Annual		Special		Date of Test 5-19-65		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Martin Gas Unit "C"			Well No. 1	
Unit K	Sec. 11	Twp. 27N	Range 10W		Purchaser			
Casing 4-1/2	Wt. 10.5	I.D. 4.082	Set at 6763		Perf. 6390-96/6652-62	To 6640-30 6640-74		
Tubing 2"	Wt. 3.4	I.D. 1.751	Set at 6578		Perf. 6547	To 6578		
Gas Pay:		From 6390	To 6674	L 6632	G .700	GL 4642	Bar. Press. 12	
Producing Through:		Casing	Tubing X		Type Well — Single — Braden head — G.G. or G.O. Dual Single			
Date of Completion 5-12-65		Packer None			Reservoir Temp.			

OBSERVED DATA

Tested Through:						Prover ☐		Choke ☒		Meter ☐		Type of Taps	
FLOW DATA						TUBING DATA		CASING DATA		DURATION OF FLOW HR.			
No.	(Prover) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.				
SI	7 days					1885		1879					
1.	2 inch	.750	339			339	60° est.	1692	60° est.	3 hr.			
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		351	1.0000	.9250	1.043	4191
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 **1697** P_c² **3,598,689**

No.	$\frac{P_w}{P_t}$ 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	$\frac{P_w}{P_c}$
1.						1,210,816	2,379,793		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5715** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

ADDRESS **Box 480, Farmington, New Mexico**

AGENT AND TITLE **F. L. Hubers, District Engineer By**

WITNESSED _____

COMPANY **ORIGINAL SIGNED BY**
F. W. Pool

