

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

Form C-122
Revised 12-1-55

Pool Baria Bahata			Formation Bahata			County San Juan		
Initial I		Annual		Special		Date of Test June 14, 1965		
Company Pan American Petroleum Corporation				Lease Martin Gas Unit "G"			Well No. 1	
Unit B	Sec. 14	Twp. 27-N	Range 10-W		Purchaser			
Casing 4-1/2"	Wt. 10.50	I.D. 4.033"	Set at 6350'		Perf. 6356-70' 6400-86'	To 6446-76'		
Tubing 2-2/8"	Wt. 4.70	I.D. 1.905	Set at 6373'		Perf. 6380'	To 6385'		
Gas Pay:	From 6356'	To 6476'	L 6416'	G .700	GL 4401'	Bar. Press. 12		
Producing Through:		Casing	Tubing I		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion June 9, 1965		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 Saps					1926		1926		1 hour
2.	2 Inch	.750	351			351	60° Bar	310	60° Bar	
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 PD @ 15.025 psia
1.	11.3590		363	1.000	.9250	1.064	4336
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 _____
 P_c _____ (1-e^{-S}) _____ P_c **1940** P_c² **3,754,704**

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.						600,361	3,104,343		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3041** MCFPD; n **.73**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

Fred L. Schuss, District Engineer

AGENT AND TITLE **By: ORIGINAL SIGNED BY**
F. W. Foall

