

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

Form C-122

Revised 12-1-55

Pool Bahia Baheta			Formation Baheta			County San Juan		
Initial I		Annual		Special		Date of Test June 9, 1965		
Company Pan American Petroleum Corporation				Lease Super Gas Unit "B"			Well No. 1	
Unit 6	Sec. 19	Twp. 29-N	Range 9-W		Purchaser			
Casing 4-1/8"	Wt. 10.34	I.D. 4.035"	Set at 6047'		Perf. 6464-74' 6446-49'	To 6374-26'		
Tubing 2-3/8"	Wt. 4.79	I.D. 1.993"	Set at 6376'		Perf. 6330'	To 6345'		
Gas Pay:	From 6374'	To 6474'	L 6484	G .700	GL 4497'	Bar. Press. 12		
Producing Through:		Casing	Tubing I		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion June 2, 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.	
1.	7 Days					2902		2902	
2.	2 Inch	.730	241			241	600 Bar	600	600 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.	12.2600		253	1.000	.9838	1.030	2903
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 **2014** P_c² **4,056,196**

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.						490,000	3,566,196		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2905** MCFPD; n **.75**

COMPANY **Pan American Petroleum Corporation** WITNESSED _____

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

Fred L. Baheta, Electric Engineer

AGENT AND TITLE

By: *[Signature]*

