

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Silts		County San Juan	
Initial I		Annual		Date of Test June 9, 1965	
Company Pan American Petroleum Corporation		Lease State Gas Unit "B"		Well No. 1	
Unit 7	Sec. 2	Twp. 23-N	Range 10-W	Purchaser	
Casing 4-1/2"	Wt. 10.50	I.D. 4.025"	Set at 7023'	Perf. 6942-70, 6992-6995	To 6976-7000'
Tubing 2-1/8"	Wt. 4.76	I.D. 1.905"	Set at 6742'	Perf. 6705'	To 6711'
Gas Pay:	From 6942'	To 7000'	L 6991'	G .700	GL 4945'
				Bar. Press. 12	
Producing Through:		Casing	Tubing I	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion June 1, 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.	2 inch	.750	197			197	60° Est.	777	40° Est.	3 hour
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.	12.3629		200	1.000	.9228	1.025	2422
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 **1958** P_c² **3,832,764**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	$\frac{P_w^2}{P_t^2}$	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.						622,921	3,211,242		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2000** MCFPD; n **.73**

COMPANY **Pan American Petroleum Corporation** WITNESSED _____

ADDRESS **Box 422, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **Fred L. Schere, District Engineer**

AGENT AND TITLE *Fred L. Schere*

