

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Dakota		County San Juan	
Initial X		Annual		Date of Test 8-3-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Garcia Gas Unit "B"		Well No. 1	
Unit J	Sec. 21	Twp. 29N	Range 10W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6518	Perf. 6360	To 6382
Tubing 2-3/8"	Wt. 4.7	I.D. 1.995	Set at 6367	Perf. Open	To Ended
Gas Pay:	From 6360	To 6382	L 6371	G .700	GL 4460
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 7-22-65		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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
SI	12 days					2043		2043		
1.	2 inch	.750	400			400	60° est	907	60° est	1 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 PD @ 15,025 psia
1.	12.3650		400	1.000	.9258	1.052	3050
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 **2073** P_c² **4,293,423**

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.						844,561	3,461,064		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3037** MCFPD; n **.73**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

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

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**

WITNESSED _____

Original Signed By: _____

G. W. EATON, JR.

