

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		Special		Date of Test 2-22-65	
Company PAN AMERICAN PETROLEUM CORP.			Lease Miller Gas Unit "B"		Well No. 1	
Unit P	Sec. 20	Twp. 30N	Range 13W		Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6084		Perf. 5894-5906	To 5954-58/5974-82
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5890		Perf. 5854	To 5860
Gas Pay:	From 5894	To 5982	L 5938	G .700	GL 4157	Bar. Press. 12
Producing Through:		Casing	Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 2-14-65		Packer None		Reservoir Temp.		

OBSERVED DATA

Tested Through:					Type of Taps																			
Prover <input type="checkbox"/>					Choke <input checked="" type="checkbox"/>					Meter <input type="checkbox"/>														
FLOW DATA										TUBING DATA					CASING DATA					DURATION OF FLOW HR.				
No.	SI	8 Days 2 Inch	(Choke) Size .730	Press. psig. 371	Diff. h _w	Temp. °F.	Press. psig. 1908	Temp. °F. 60°	Press. psig. 1941	Temp. °F. 60°														
1.											3 Hr.													
2.																								
3.																								
4.																								
5.																								

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_f}$	Pressure psia	Flow Temp. Factor F _f	Gravity Factor F _g	Compress. Factor F _{pv}	Rate of Flow Q-MCF PD @ 15,025 psia
1.	12.3650		363	1.000	.9258	1.047	4591
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 **1933** P_c² **3,814,209**

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.						628,849	3,185,360		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5,255** MCFPD: **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE **F. L. Nabors, District Engineer** By: _____
E. W. Foll

