

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 11-13-65		
Company PAN AMERICAN PETROLEUM CORP.		Lease Gallegos Canyon Unit		Well No. 203	
Unit H	Sec. 13	Twp. 28N	Range 12W	Purchaser	
Casing 4.5	Wt. 10.5	I.D. 4.052	Set at 6191	Perf. 6005-6013 6075-6107	To 6023-6031 6148-6156
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6049	Perf. 6012	To 6018
Gas Pay:	From 6005	To 6156	L 6081	G .700	GL 4257
				Bar. Press. 12	
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 12-6-65		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.	
S:	7 Days					2035		2039	
1.	2 Inch	.750	694			694	60° est.	1476	60° est.
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.	12.3650		706	1.0000	.9258	1.091	8817
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 **2051** P_c² **4,206,601**

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.						2,214,144	1,992,457		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **15,442** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

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

