

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 11-15-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 205	
Unit N	Sec. 17	Twp. 28N	Range 12W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6136	Perf. 5958/5974	To 6048-68 6074-82
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5956	Perf. 5919	To 5925
Gas Pay:	From 5958	To 6082	L 6020	G .700	GL 4214
				Bar. Press. 12	
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.C. Dual Single	
Date of Completion 11-7-65		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	8 Days					2038		2040		
1.	2 Inch	.750	587			587	60° est.	1187	60° est.	3 Hrs.
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		599	1.000	.9258	1.091	7481
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 **2052** P_c² **4,210,704**

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.						1,437,601	2,773,103		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **10,233** 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**

Original Signed By
G. W. Eaton, Jr.

