

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 3-9-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 210	
Unit L	Sec. 31	Twp. 29N	Range 12W	Purchaser	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6000	Perf. 5915-5930 6004-6016	To 6028-6036
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6030	Perf. 5998	To 5992
Gas Pay:	From 5915	To 6036	L 5976	G .700	GL 4183
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 3-1-66		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.	(Prover) (Line) Size	(Choke) (Line) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.			Temp. °F.
SI	8 Days					2099		2084			
1.	2 Inch	.750	713			713	60° est.	1393	60° est.	3 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 P D @ 15.025 psia
1.	12.3650		725	1.0000	.9258	1.024	9097
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 **2101** P_c² **4,414,201**

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	Gal P _w	$\frac{P_w}{P_c}$
1.						1,974,025	2,440,176		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **14,190** 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**

