

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

Form C-122
Revised 12-1-55

Pool		Basin		Formation		County	
Initial		Annual		Special		Date of Test	
X						4-20-66	
Company				Lease		Well No.	
PAN AMERICAN PETROLEUM CORPORATION				Gallegos Canyon Unit		227	
Unit	Sec.	Twp.	Range	Purchaser			
H	20	28N	12W				
Casing	Wt.	I.D.	Set at	Perf.	To		
4.500	10.5	4.052	6022	5832-44	5915-35		
Tubing	Wt.	I.D.	Set at	Perf.	To		
2.375	4.7	1.995	5840	5803	5809		
Gas Pay:	From	To	L	G	GL	Bar. Press.	
	5832	5935	5884	.700	4119	12	
Producing Through:		Casing	Tubing	Type Well - Single - Braden head - G.G. or G.O. Dual			
			X	Single			
Date of Completion		Packer		Reservoir Temp.			
4-12-66		None					

OBSERVED DATA

Tested Through:		Prover ☐	Choke ☒	Meter ☐	Type of Taps	
FLOW DATA					TUBING DATA	
No.	LINE SIZE (Line) Size	CHOKE SIZE (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	DURATION OF FLOW HR.
SI	8 Days					
1.	2 Inch	.750	729			3 Hr.
2.						
3.						
4.						
5.						

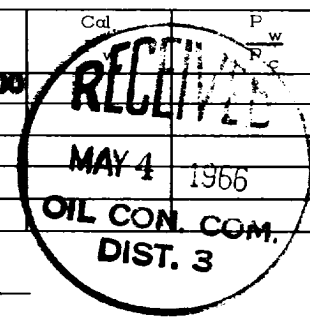
FLOW CALCULATIONS

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		741	1.0000	.9258	1.096	9296
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 **2094** P_c² **4,384,836**

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	$\frac{P_w}{P_c}$
1.						2,085,136	2,326,700		
2.									
3.									
4.									
5.									



ABSOLUTE POTENTIAL: **14,952** 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**