

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

Form C-122
Revised 12-1-55

Basin X				Formation Dakota				County San Juan			
Initial X		Annual		Special		Date of Test 5-25-66					
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Gallegos Canyon Unit-Dakota				Well No. 235			
Unit H		Sec. 13		Twp. 28N		Range 13W		Purchaser			
Casing 4.500		Wt. 10.5		I.D. 4.052		Set at 6145		Perf. 6050/6070 5968-5978		To 6086-6092	
Tubing 2.375		Wt. 4.7		I.D. 1.995		Set at 5980		Perf. 5942		To 5948	
Gas Pay:		From 5968		To 6092		L 6030		G .700		GL 4221	
										Bar. Press. 12	
Producing Through:				Casing		Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single			
Date of Completion 5-17-66				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.	(Line) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.		
1.	8 Days					2057		2059			
1.	2 Inch	.750	727			727	60° est.	1434	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		739	1.0000	.9258	1.101	9314				
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 2071 P _c ² 4,289,041					
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.						2,090,916	2,198,125				
2.											
3.											
4.											
5.											

ABSOLUTE POTENTIAL: **15,376** 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**

