

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 6-8-66	
Company PAN AMERICAN PETROLEUM CORPORATION			Lease Gallegos Canyon Unit		Well No. 237
Unit N	Sec. 13	Twp. 28N	Range 13W	Purchaser El Paso Natural Gas Company	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6202	Perf. 6000-6015	To 6048-64 6080-6090
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6016	Perf. 5979	To 5985
Gas Pay:	From 6000	To 6090	L 6045	G .700	GL 4232 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 6-1-66		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) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.		Temp. °F.	Press. psig.	Temp. °F.
SI	7 Days					1982		1982		
1.	2 Inch	.750	247			247	600 est.	794	600 est.	3 HR.
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		259	1.0000	.9258	1.031	3057
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 **1994** P_c **3,976,036**

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.						649,636	3,326,400		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3494** 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**

