

File

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 7-6-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 243	
Unit B	Sec. 24	Twp. 28N	Range 12W	Purchaser when El Paso Natural Gas Co. (connected)	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6205	Perf. 6027-6033 6049-6054	To 6093-6099 6115-6120
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6029	Perf. 5992	To 6151-6160 5998
Gas Pay:	From 6027	To 6160	L 6094	G .700	GL 4266
				Bar. Press. 12	
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 6-25-66		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.	XXXXXXXX (Line) Size	(Choke) XXXXXXXX Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	11 Days					1962		1964	
1.	2 Inch	.750	584			584	60° est	1169	60° est.
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 PD @ 15.025 psia
1.	12.3650		596	1.0000	.9258	1.077	7348
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 **1976** P_c² **3,904,576**

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.						1,394,761	2,509,815		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **10,235** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED **None**

ADDRESS **Box 480, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **G. W. Eaton, Jr., Area Engineer**
 Original Signed By
G. W. EATON, JR.

