

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 XX		Annual		Date of Test November 1, 1965	
Company PAN AMERICAN PETROLEUM CORP.		Lease Gallegos Canyon Unit		Well No. 202	
Unit B	Sec. 33	Twp. 29-N	Range 12-W	Purchaser El Paso Natural Gas Company	
Casing 4-1/2"	Wt. 10.5#	I.D. 4.052"	Set at 5986'	Perf. 5882-5910'	To 5804-16'
Tubing 2-3/8"	Wt. 4.7#	I.D. 1.995	Set at 5683'	Perf. 5826'	To 5832'
Gas Pay:	From 5804'	To 5910'	L 4100	G .700	GL 12
Producing Through:		Casing	Tubing XX	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion October 25, 1965		Packer None		Reservoir Temp.	

OBSERVED DATA

Tested Through:								Type of Taps	
Prover ☐ Choke ☒ Meter ☐									
FLOW DATA					TUBING DATA		CASING DATA		DURATION OF FLOW HR.
No.	(Prover) Size	(Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	7 days					2058		2066	
1.	2 inches	.750	754			754	60° Est	1475	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 P D @ 15.025 psia
1.	12.3650		766	1.0000	.9258	1.101	9655
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 **2078** P_c² **4,318,084**

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.						2,211,169	2,106,915		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **16,538** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

AGENT AND TITLE **G. W. Eaton, Jr.**

G. W. Eaton, Jr., Area Engineer

