

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

Form C-122
Revised 12-1-55

Basin Dakota		Formation Dakota		County San Juan	
Initial X	Annual		Special	Date of Test 11-29-65	
Company PAN AMERICAN PETROLEUM CORPORATION			Lease Gallegos Canyon Unit		Well No. 201
Unit M	Sec. 12	Twp. 28N	Range 12W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6076	Perf. 5893-5912	To 5999-6008 5966-5990
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5897	Perf. 5860	To 5866
Gas Pay:	From 5893	To 6008	L 5951	G .700	GL 4761
					Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 11-21-65		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.	
SI	8 Days					2037		2088	
1.	2 Inch	.750	745			745	60° est.	1479	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		757	1.000	.9258	1.101	9540
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 **2100** p_c² **4,410,000**

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.						2,223,081	2,186,919		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **16,143** 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** _____

