

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 3-9-66		Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit	
Well No. 218		Unit A		Sec. 22	
Twp. 28N		Range 12W		Purchaser	
Casing 4.500		Wt. 10.5		I.D. 4.052	
Set at 6253		Perf. 6061-6069 6079-6084		To 6138-6156	
Tubing 2-3/8		Wt. 4.7		I.D. 1.995	
Set at 6069		Perf. 6038		To 6032	
Gas Pay:		From 6061		To 6156	
L 6109		G .700		GL 4276	
Bar. Press. 12		Producing Through:		Casing	
Tubing X		Type Well - Single - Braden head - G.G. or G.O. Dual Single		Date of Completion 2-26-66	
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.	Pressure (Line) Size	(Choke) Pressure Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	
SI	11 Days					2054		2057	
1.	2 Inch	.750	392			392	60° est.	863	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		404	1.0000	.9258	1.050	4855
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 **2069** P_c² **4,280,761**

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.						765,625	3,515,136		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **5628** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

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

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

