

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

Form C-122
Revised 12-1-55

Basin X		Formation Dakota		County San Juan	
Initial X		Annual		Date of Test 12-28-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 206	
Unit N	Sec. 10	Twp. 28N	Range 12W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6140	Perf. 5980-92	To 6058-82
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5986	Perf. 5949	To 5955
From 5980	To 6082	L 6031	G .700	GL 4222	Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 12-21-65		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.	(PROVER) (Line) Size	(Choke) (PROVER) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	7 Days					2026		2019		3 Hr.
1.	2 Inch	.750	636			636	600	1224	600	
2.										
3.										
4.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w F_f}$	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		648	1.0000	.9258	1.086	
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 _____

P_c _____ (1-e^{-S}) _____ P_c **2038** P_c² **4,153,444**

No.	$\frac{P_w}{P_c}$ 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.						1,527,696	2,625,748		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **11,362** MCFPD: **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

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

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

