

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 11-8-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 194	
Unit D	Sec. 5	Twp. 27N	Range 12W	Purchaser	
Casing 5-1/2	Wt. 15.5	I.D.	Set at 5915	Perf. 5750-67	To 5798-5822
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5774	Perf. 5737	To 5743
Gas Pay:	From 5750	To 5822	L 5786	G .700	GL 4050
				Bar. Press. 12	
Producing Through:		Casing	Tubing X	Type Well — Single — Braden head — G.G. or G.O. Dual Single	
Date of Completion 10-31-65		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) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	8 Days					2006		1998		
1.	2 Inch	.750	689			689	60° est.	1492	60° est.	3 Hr.
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		701	1.0000	.9258	1.091	8755
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 **2018** P_c² **4,072,324**

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 - F _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.						2,262,016	1,810,308		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **16,080** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION**

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

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

WITNESSED _____

COMPANY _____

Original signed by **G. W. Eaton, Jr.**

