

**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 12-30-65	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit		Well No. 195	
Unit N	Sec. 33	Twp. 29N	Range 12W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6037	Perf. 5850-64	To 5952-62 5932-39
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 5864	Perf. 5827	To 5833
Gas Pay:	From 5850	To 5962	L 5906	G .700	GL 4134 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 12-22-65		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.	Pressure (Line) Size	Choke (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
1.	8 Days					2058		2062		3 Hr.
1.	2 Inch	.750	743			743	60°	1347	60	
2.										
3.										
4.										
5.										

FLOW CALCULATIONS

No.	Coefficient (24 Hour)	$\sqrt{h_w P_t}$	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		755	1.0000	.9258	1.101	9516
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 **2074** P_c² **4,301,476**

No.	$\frac{P_w}{P_t}$ psia	P _t ²	F _c Q	(F _c Q) ²	(F _c Q) ² (1-e ^{-S})	$\frac{P_w^2}{P_c^2}$	P _c ² - P _w ²	Cal P _w	$\frac{P_w}{P_c}$
1.						1,846,881	2,454,595		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **14,493** 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**

Original Signed By: _____

