

NEW MEXICO OIL CONSERVATION COMMISSION
MULT-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 5-25-66	
Company PAN AMERICAN PETROLEUM CORPORATION		Lease Gallegos Canyon Unit-Dakota		Well No. 244	
Unit J	Sec. 36	Twp. 28N	Range 12W	Purchaser	
Casing 4.500	Wt. 10.5	I.D. 4.052	Set at 6515	Perf. 6341-6346	To 6364-6369 6410-6435
Tubing 2.375	Wt. 4.7	I.D. 1.995	Set at 6321	Perf. 6284	To 6290
Gas Pay:	From 6341	To 6435	L 6388	G .700	GL 4472 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 5-12-66		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.	13 Days (Line) Size	2 inch (Choke) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	13 Days					1889		1887		
1.	2 inch	.750	252			252	60° est.	684	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 P D @ 15.025 psia
1.	12.3650		264	1.0000	.9258	1.031	3116
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 **1901** P_c² **3,613,801**

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.						484,416	3,129,385		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **3471** 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**

