

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

Form C-122
Revised 12-1-55

Pool Basin			Formation Delata			County		
Initial I		Annual		Special		Date of Test 8-3-65		
Company PAN AMERICAN PETROLEUM CORPORATION				Lease Boush Gas Unit "C"			Well No. 1	
Unit 6	Sec. 6	Twp. 29N	Range 9W		Purchaser			
Casing 4-1/2	Wt. 10.3	I.D. 4.052	Set at 6751		Perf. 6632-78	To 6386-94		
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6582		Perf. 6343	To 6321		
Gas Pay: From 6560		To 6678		L 6626	G .700	GL 4430	Bar. Press. 12	
Producing Through:		Casing		Tubing I		Type Well - Single - Braden head - G.G. or G.O. Dual Single		
Date of Completion 7-27-65		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.	(Proven) (Line) Size	(Choke) (Orifice) Size	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.		Temp. °F.
SI	7 Days					2846		2838		
1.	2 Inch	.730	309			300	60°	261	60°	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.	13.3630		321	1.000	.9250	1.039	3818
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 **2858** P_c^2 **4,231,364**

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 $\frac{P_w}{P_c}$	$\frac{P_w}{P_c}$
1.						762,129	3,473,235		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **4430** 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: **G. W. EATON, JR.**

