

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

Form C-122
Revised 12-1-55

Pool Basin		Formation Dehota		County San Juan	
Initial X		Annual		Date of Test 3-23-65	
Company PAN AMERICAN PETROLEUM CORP.		Lease A. L. Elliott "B"		Well No. 5	
Unit N	Sec. 10	Twp. 29N	Range 9W	Purchaser	
Casing 4-1/2	Wt. 10.5	I.D. 4.052	Set at 6867	Perf. 6823-31 6736-48	To 6864-69 6864-48
Tubing 2-3/8	Wt. 4.7	I.D. 1.995	Set at 6739	Perf. 6702	To 6700
Gas Pay:	From 6736	To 6869	L 6803	G .700	GL 4762 Bar. Press. 12
Producing Through:		Casing	Tubing X	Type Well - Single - Braden head - G.G. or G.O. Dual Single	
Date of Completion 3-14-65		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.	Size (Line) (Choke) (Size)	Press. psig.	Diff. h _w	Temp. °F.	Press. psig.	Temp. °F.	Press. psig.	Temp. °F.	
SI	9 Days				2132		2137		
1.	2 Inch	.750	153		153	60° est.	163	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.	12.3450		167	1.0000	.9258	1.020	1950
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 **2149** P_c² **4,618,201**

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.						350,623	4,267,576		
2.									
3.									
4.									
5.									

ABSOLUTE POTENTIAL: **2062** MCFPD; n **.75**

COMPANY **PAN AMERICAN PETROLEUM CORPORATION** WITNESSED _____

ADDRESS **Box 400, Farmington, New Mexico** COMPANY _____

AGENT AND TITLE **F. L. Nabors, District Engineer** By: _____

