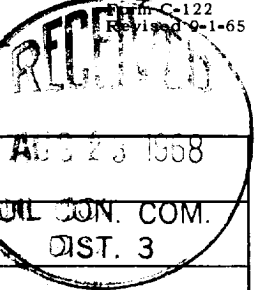


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-15-68		AUG 23 1968 OIL CON. COM. DIST. 3		
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Blanco				Formation Pictured Cliffs			Unit		
Completion Date 8-2-68		Total Depth 2596		Plug Back TD 2530		Elevation /KDS 5764/ 5775		Farm or Lease Name State Gas Com "BN"	
Csg. Size 4.5	Wt. 9.5	d 4.090	Set At 2596	Perforations: From 2463 To 2478		Well No. 1			
Tbg. Size 1.5	Wt. 2.9	d 1.610	Set At 2410	Perforations: From 2410 To Open Ended		Unit Sec. Twp. Rge. B 36 30 9			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan		
Producing Thru Casing		Reservoir Temp. °F 90°@ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 psia est.		State New Mexico	
L 2470	H 2470	Gg .650 est.	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	LINE SIZE X CHOKES	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	13 days				1012		1012		
1.	2 Inch .750	182			197	60° est.	182	60° est.	3 Hrs.
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor Fpv	Rate of Flow Q, Mcfd
1	12.3650		194	1.000	0.9608	1.019	2349
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P_c **1024** P_c² **1,048,576**

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		209	43,681	1004895
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{1,048,576}{1,004,895}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0368$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2435$

Absolute Open Flow 2435 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Original Signed By: **G. W. EATON, JR.**

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By:
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