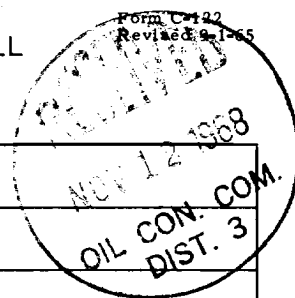


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form CO-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 11-4-68				
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Blanco				Formation Pictured Cliffs				Unit	
Completion Date 10-27-68		Total Depth 2570		Plug Back TD 2543		Elevation / RDB GL 5742 / 5755		Farm or Lease Name E. E. Elliott "B"	
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2570	Perforations: From 2434 To 2455			Well No. 13		
Tbg. Size 1.500	Wt. 2.90	d 1.610	Set At 2465	Perforations: From Open To Ended			Unit Sec. Twp. Rge. B 34 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 60° est.		Baro. Press. - P _a 12 psia est.		State New Mexico	
L 2445	H 2445	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 Choke	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	7 Days					487		508		
1.	2 Inch	.750	141			180	60° est.	141	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		153	1.000	0.9608	1.014	1843
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	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 520	P _c ² 270,400		
NO.	P _t ²	P _w	P _w ²
1		192	36,864
2			
3			
4			
5			

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \frac{270,400}{233,536}$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1327$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2088$$

Absolute Open Flow 2088 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____
 Approved By Commission: _____ Conducted By: **B. D. Dukes** Calculated By: _____ Checked By: **E. R. Hirst**