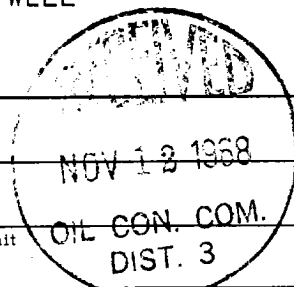


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-4-68	
Company PAN AMERICAN PETROLEUM CORP.		Connection None	
Pool Blanco		Formation Pictured Cliffs	
Completion Date 10-23-68		Total Depth 2630	
Plug Back TD 2601		Elevation / RDB GL 5801/5814	
Farm or Lease Name E. E. Elliott "B"		Well No. 12	
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At 2622
Perforations: From 2503 To 2518		Unit 12	
Tbg. Size 1.500	Wt. 2.90	d 1.610	Set At 2522
Perforations: From Open To Ended		Unit N 27 30 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru Casing		Baro. Press. - P _a 12 psia est.	
Reservoir Temp. *F 90° @ TD est.		Mean Annual Temp. *F 60° est.	
County San Juan		State New Mexico	
L 2511	H 2511	G _g .650 est.	% CO ₂
% N ₂ 		% H ₂ S 	
Prover 		Meter Run 	
Taps 			

FLOW DATA				TUBING DATA		CASING DATA		Duration of Flow
NO.	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				525		525		
1.				173		148	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		160	1.000	0.9608	1.014	1927
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 537	P _c ² 288,369	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = \frac{288,369}{254,144}$	(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.1133$
NO.	P _t ²	P _w	P _w ²
1		185	34,225
2			
3			
4			
5			

AOFP = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 2145$

2145 Mcfd @ 15.025

Absolute Open Flow	2145	Angle of Slope θ	Slope, n .85
Remarks:			

Approved By Commission:	Conducted By: B. D. Dukes	Calculated By:	Checked By: E. R. Hirst
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