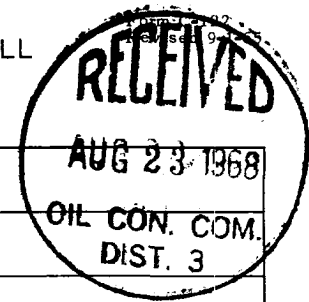


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL



Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 8-8-68	
Company PAN AMERICAN PETROLEUM CORP.				Connection None	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 8-1-68		Total Depth 2668		Plug Back TD 2633	
				Elevation / RDB CL 5851/ 5862	
Farm or Lease Name Elliott Gas Com "T"					
Csg. Size 4.5	Wt. 9.5	d 4.090	Set At 2668	Perforations: From 2552 To 2567	
Tbg. Size 1.5	Wt. 2.9	d 1.610	Set At 2564	Perforations: From To Open Ended	
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				Mean Annual Temp. °F Est. 60°	
State New Mexico					
L 2559	H 2559	Gg .650 est.	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow	
NO.	Flow Line Size	X	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					933		933		
1.	2 Inch	.750	327			357	60° est.	327	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		339	1.0000	0.9608	1.035	4169
2.							
3.							
4.							
5.							

NO.	P _t	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 945	P _c 893,025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{893,025}{756,864}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1509$
NO	P _t ²	P _w	P _w ²
1		369	136,161
2			
3			
4			
5			

$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4798$		4798 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .85
Absolute Open Flow _____					
Remarks: _____					

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