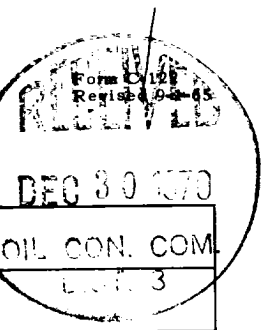


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELLS



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-18-70			
Company PAN AMERICAN PETROLEUM CORP.						Connection None			
Pool Blanco						Formation Pictured Cliffs			
Completion Date 12-11-70		Total Depth 2530		Plug Back TD 2505		Elevation / RDB GL 5862/5874		Farm or Lease Name H. Cole	
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 2530	Perforations: From 2366 To 2381		Well No.			
Tbg. Size	Wt.	d	Set At	Perforations: From To		Unit N		Twp. 29 Rge. 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County San Juan	
Producing Thru Csg.		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA		State New Mexico	
L 2373	H 2373	Gg .650 Est.	% CO ₂	% N ₂	% H ₂ S	Prover	Meter	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							762	
1.	2 Inch	.750	197					197	Est. 3 Hrs.
2.									
3.									
4.									
5.									

RATE OF FLOW CALCULATIONS							Rate of Flow Q, Mcfd
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{sp}	
1	12.3650		209	1.000	.9608	1.020	2533
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.	Critical Temperature °R
1										
2										
3										
4										
5										

P _c 774	P _c ² 599,076	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \mathbf{1.1209}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \mathbf{1.1018}$
NO.	P _t ²	P _w *	P _w ² *
1		254	64,638
2			
3	*P_w calculated per G-122-A		
4			
5			

Absolute Open Flow 2791 Mcfd @ 15.025		Angle of Slope θ	Slope, n .85
Remarks:			

Approved By Commission: DEC 30 1970	Conducted By: B. D. Dukas	Calculated By: K. R. Hirst	Checked By: D. A. Wayhan
--	----------------------------------	-----------------------------------	---------------------------------

