

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

Form C-122
Revised 4-1-65

RECEIVED

DEC 30 1970

**OIL CON. COM.
DIST. 3**

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 12-18-70							
Company PAN AMERICAN PETROLEUM CORP.						Connection None							
Pool Blanco						Formation Pictured Cliffs				Unit			
Completion Date 12-11-70			Total Depth 3155			Plug Back TD 3129		Elevation / RDB CL 6416/6428		Farm or Lease Name A. L. Elliott "D"			
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 3140	Perforations: From 3047 To 3062				Well No. 6					
Tbg. Size	Wt.	d	Set At	Perforations: From To				Unit E	Sec. 13	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 3054	H 3054	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.	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							814		
1.	2 Inch	.750	45					45	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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		57	1.000	.9608	1.000	677
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _f	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 826	P _c ² 682,276				
NO.	P _t ²	P _w ²	R _w ²	P _c ² - R _w ²	
1		63	3917	678,359	
2					
3	*P_w calculated per C-122A				
4					
5					

(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.0058$ (2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0049$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 680$

Absolute Open Flow 680 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .85
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Remarks: _____

Approved By: DEC 30 1970	Conducted By: B. D. Dukes	Calculated By: E. R. Hirst	Checked By: D. A. Wayhan
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