

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

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-13-70		RECEIVED FEB 19 1970 OIL CON. COM. DET. 3		
Company PAN AMERICAN PETROLEUM CORP.				Connection None					
Pool Blanco				Formation Mesaverde					
Completion Date 2-6-70		Total Depth 7340		Plug Back TD 5910		Elevation/ RDB GL 6796/ 6810		Farm or Lease Name Jicarilla Apache 102	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 7340	Perforations: From 5190 To 5702			Well No. 16		
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 5642	Perforations: From Open End To			Unit Sec. Twp. Rge. 0 10 26 4		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County Rio Arriba		
Producing Thru Tubing		Reservoir Temp. °F 90° @ TD		Mean Annual Temp. °F Est. 60°		Baro. Press. - P _a 12 PSIA Est.		State New Mexico	
L 5446	H 5446	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA					TUBING DATA		CASING DATA		Duration of Flow
NO.	LINE Line Size X CHOKE Choke Size	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				1139		1139		
1.	2 Inch .750	222			222	60° Est.	707		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		234	1.000	.9608	1.026	2852
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 1151 P _c ² 1,324,801				
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²
1		719	516,961	807,840
2				
3				
4				
5				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{1.6399}} \qquad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{1.4491}}$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{4133}}$$

Absolute Open Flow 4133 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:		Conducted By: B. D. Dukes	Checked By: J. J. Layton