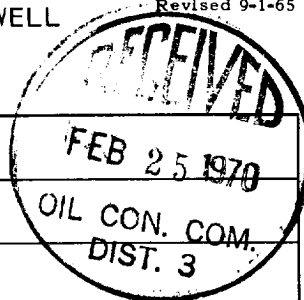


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-18-70	
Company PAN AMERICAN PETROLEUM CORP.				Connection None		
Pool Blanco				Formation Mesaverde		Unit
Completion Date 2-11-70		Total Depth 7675		Plug Back TD 6185		Elevation / RDB GL 7177/ 7192
Farm or Lease Name Jicarilla Apache 102						Well No. 15
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 7675	Perforations: From 5644 To 6074		Unit Sec. Twp. Rge. P 9 26 4
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6076	Perforations: From Open End		
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 5859	H 5859	Gg .650	% CO ₂	% N ₂	% H ₂ S	Prover
Meter Run		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					1125		1125		
1.	2 Inch	.750	173			173	60° Est.	633		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		185	1.000	.9608	1.021	2244
2.							
3.							
4.							
5.							

NO.	P _f	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 1137	P _c ² 1,292,769	
NO.	P _t ²	P _w ²
1	645	416,025
2		
3		
4		
5		

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.4745$$

$$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3003$$

$$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3381$$

Absolute Open Flow 3003 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: _____

Approved By Commission:	Conducted By: B. D. Dukas	Calculated By: <i>LRC</i>	Checked By: J. J. Layton
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