

**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 12/20/76	
Company AMOCO PRODUCTION COMPANY			Connection El Paso Natural Gas Co.		
Pool Blanco			Formation Mesaverde		Unit
Completion Date 12/13/76		Total Depth 6680		Plug Back TD 4599	Elevation 5827 GL
Farm or Lease Name Navajo Allotted Gas					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6680	Perforations: From 4331 To 4563	
Well No. Com "A" 1-A					
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4548	Perforations: From Open To Ended	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F @		Baro. Press. - P _a 12 psi	
State New Mexico					
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
		.65			
FLOW DATA			TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1	7 Days				
1.	2.375"		.750		
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
1	12.365		207	1.000	.9608
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
$P_c = 775$ $P_c^2 = 600,625$					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.3209$
1		382	145,924	454,701	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2321$
2					
3					
4					
5					
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3094$					
Absolute Open Flow 3094 Mcfd @ 15.025				Angle of Slope @ .75	
Remarks:					
Approved By Commission:		Conducted By: T. M. Oliver		Calculated By: Oliver/Cordill	
				Checked By: P. C. Ellison	

