

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 10-15-76				
Company AMOCO PRODUCTION COMPANY					Connection El Paso Natural Gas Co.				
Pool Blanco					Formation Mesaverde				
Completion Date 10-8-76			Total Depth 5200'		Plug Back TD 5100'		Elevation 5950' GL		Farm or Lease Name Caneples Gas Com
Csg. Size 7.000	Wt. 20	d 6.456	Set At 2875	Perforations: From 4199 To 4994			Well No. 1-A		
Thg. Size 2.375	Wt. 4.7	d 1.995	Set At 4981	Perforations: From Open To Ended			Unit 18	Sec. 31	Twp. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None			County San Juan	
Producing Thru Thg.		Reservoir Temp. °F @		Mean Annual Temp. °F 55°		Baro. Press. - P _a		State New Mexico	
L 4597	H .650	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice 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						716		751		
1.			.750				250	60°	550		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	12.365		262	1.000	.9608	1.028	3200
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 <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P _c 763	P _c ² 582,169					
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$
1		562	315,844	266,325	2.1859	1.7977
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ **5753**

Absolute Open Flow: 5753	Mcf @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: **4.500" Liner 11# set 2655' - 5195'**

Approved By Commission:	Conducted By: T. M. Oliver	Calculated By: Oliver/W.R. Cordill	Checked By: H. D. Montgomery
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