

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 7-9-76			
Company AMOCO PRODUCTION COMPANY					Connection El Paso Natural Gas Company			
Pool Blanco					Formation Mesaverde		Unit COM.	
Completion Date 7-2-76		Total Depth 5390'		Plug Back TD 5356'		Elevation 6157'		Farm or Lease Name E. E. Elliott "A"
Csq. Size 7.0	Wt. 20	d 6.456	Set At 3300'	Perforations: From 4560' To 5260'		Well No. 1A		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5271'	Perforations: From Open To Ended		Unit 0	Sec. 15	Twp. 30
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tubing		Reservoir Temp. °F 90 @ TD		Mean Annual Temp. °F 90		Baro. Press. - P _a 12 psia		State New Mexico
L 4910	H	Gg .650	% 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.	
SI	7 days						551		551	
1.			.750	245			245		500	
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, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		257	1.000	.9608	1.026	3133
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 563	P _c ² 316969	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\underline{5.7815}}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{3.7285}}$
NO.	P _t ²	P _w	P _w ²
1		512	262144
2			
3			
4			
5			

ACF = Q	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\underline{11,681}}$
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Absolute Open Flow 11,681 Mcfd @ 15.025	Angle of Slope θ _____	Slope, n .75
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Remarks: 4-1/2" 11.6# liner set from 3097-5388'.	
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Approved By Commission:	Conducted By:	Calculated By: T. M. Oliver	Checked By: W. R. Cordill
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