

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 5-1-78	
Company Amoco Production Company				Connection El Paso Natural Gas			
Pool Blanco				Formation Pictured Cliffs		Unit	
Completion Date 4-16-78		Total Depth 3123		Plug Back TD 3082		Elevation 6192	
Form or Lease Name Elliott Gas Com W							
Cng. Size 4.5		Wt. 10.5		d 4.052		Set At 3123	
Perforations: From 2972 To 3039		Well No. 1					
Tq. Size 2.375		Wt. 4.7		d 1.995		Set At 3057	
Perforations: From open To ended		Unit Sec. Twp. Rge. H 9 30 9					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At none	
Producing Thru tubing						County San Juan	
Reservoir Temp. °F 6		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L		H		Gg 0.65		% CO ₂	
% N ₂		% H ₂ S		Prover		Meter Run	
Taps							

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	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	
1.	2.375	0.750				1297		1372		3 hrs.
2.						160	60	500		
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		172	1.000	0.9608	1.016	2076
2.							
3.							
4.							
5.							

NO.	P _r	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

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1586$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1333$
1.		512	262144	1653312		
2.						
3.						
4.						
5.						

Absolute Open Flow <u>2353</u> Mcfd @ 15.025				Angle of Slope θ _____		Slope, n <u>0.85</u>	
Remarks: _____							
Approved By Commission:		Conducted By: TMO		Calculated By: WRB/TMO		Checked By: J.L. Krupka	