

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 4/16/81	
Company Amoco Production Company				Connection El Paso Natural Gas Company	
Pool Basin				Formation Dakota	
Completion Date 3/25/81		Total Depth 6572		Plug Back TD 7529	
				Elevation 6000	
Csg. Size 4.500		WT. 10.5		d 4.052	
Set At 6572		Perforations: From 6256 To 6443		Well No. 1E	
Tbg. Size 5.375		WT. 4.7		d 1.995	
Set At 6461		Perforations: From open To ended		Unit I 8 27N 10W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tubing				County San Juan	
Reservoir Temp. °F 9		Mean Annual Temp. °F 9		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
FLOW DATA			TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw
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		47	1.000	.9258
2.					
3.					
4.					
5.					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio
1.					
2.					
3.					
4.					
5.					
A.P.I. Gravity of Liquid Hydrocarbon _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. Critical Temperature _____ R					
P _c 1009 P _w ² 1018081 (1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2925$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.2122$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 656$					
Absolute Open Flow 656 Mcf/d @ 15.025 Angle of Slope 0 Slope, n .75					
Remarks: Mod. H ₂ O spray lite oil					
Approved By Commission		Conducted By JJB		Calculated By J J BARNETT	
				Checked By CLB	