

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 11-12-79	
Company Southland Royalty Company				Connection El Paso Natural Gas Company			
Pool Basin				Formation Dakota		Unit	
Completion Date 11-05-79		Total Depth 6650'		Plug Back TD 6621'		Elevation 6127' GR	
Csg. Size 4.500		Wt. 10.50# & 11.60#		Set At 6653'		Perforations: From 6520' To 6600'	
Tbg. Size 2.375		Wt. 4.70# 1.995		Set At 6590'		Perforations: From --- To ---	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At ---	
Producing Thru Tbg		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a ---	
L		H		Gg		% CO ₂	
						% N ₂	
						% H ₂ S	
						Prover	
						Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.
1.							
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.							1150
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ X X X X X X X X Specific Gravity Flowing Fluid _____ X X X X X Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R		
1.							
2.							
3.							
4.							
5.							
NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____		
1.							
2.							
3.							
4.							
5.							
Absolute Open Flow _____ Mcfd @ 15.025					Angle of Slope θ _____		Slope, n _____
Remarks: _____							
Approved By Commission:		Conducted By: Jim Choquette		Calculated By: James Smith		Checked By:	