

Form C-122
Revised 10-1-78

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 11-06-84	
Company Southland Royalty Company		Connection El Paso Natural Gas Company -	
Pool Basin		Formation Dakota	
Completion Date 10-28-84	Total Depth 6750'	Plug Back TD 6703'	Elevation 6174' GL
Coq. Size 4.500	Wt. 11.6#	d 4.000	Set At 6748'
Thq. Size 2.375	Wt. 4.7#	d 1.995	Set At 6516'
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At ----	
Producing Thru tubing		Baro. Press. - P _g 12.2	
L H G _g .700		% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps	
FLOW DATA			
NO.	Prover Line Size	X	Orifice Size
1.	2"	X	3/4"
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m
1	12.365		187.2
2.			
3.			
4.			
5.			
NO.	P _t	Temp. °R	T _f
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. P.S.I.A. Critical Temperature _____ R R			
P _c 984.2 P _w 2968649.6 NO. P _t P _w P _w ² P _c ² - P _w ² (1) $\frac{P_c^2}{P_w^2 - P_w^2} = 1.3408$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.246$			
1		496.2	246214.4
2			
3			
4			
5			
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2670$ Absolute Open Flow 2670 Mcfd @ 15.025 Angle of Slope @ Slope, n .75			
Remarks: Medium spray oil and water			
Approved By Division		Conducted By: Leroy Castleman	
		Calculated By: James W. Smith	
		Checked By: C. Terry Hobbs	