

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: ☒ Initial ☐ Annual ☐ Special						Test Date: 3-17-80	
Company: El Paso Natural Gas Company				Connection:			
Pool: Dakota				Formation: Dakota			
Completion Date: 3-9-80		Total Depth: 7102		Plug Back TD: 7089		Elevation:	
Form or Lease Name: Lodewick				Well No.: #9E			
Csg. Size: 4.500	Int. 10.5	d 4.052	Set At 7102	Perforations: From 6771 To 7004		Unit Sec. Twp. Rge.: L 19 27 9	
Tbg. Size: 2.375	Int. 4.7	d 1.995	Set At 6991	Perforations: From To		County: San Juan	
Type Well - Single - Broadhead - G.G. or G.O. Multiple: Single				Packer Set At		State: New Mexico	
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run
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.							
2.							
3.							
4.							
5.							
NO.	P _i	Temp. °R	T _i	Z	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		
1.							
2.							
3.							
4.							
5.							
NO.	P ₁	P ₂	P ₃	P ₄	(1) $\frac{P_c^2}{P_1^2 - P_2^2} =$ _____ (2) $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_1^2 - P_2^2} \right]^n =$ _____		
1.							
2.							
3.							
4.							
5.							
Absolute Open _____ Remarks: _____							
Approved by Division		Conducted by: B. Huntington		Calculated by: C.R. Wagner		Checked by:	

