

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 12-09-85						
Company El Paso Natural Gas Co.				Connection						
Pool Basin				Formation Dakota						
Completion Date 12-09-85		Total Depth 6465		Plug Back TD 6437						
				Elevation 5980 GR						
Form or Lease Name Angel Peak										
Csg. Size 4.500	wt. 10.5	d 4.052	Set At 6454	Perforations: From 6288 To 6422						
Csg. Size 2.375	wt. 4.7	d 1.995	Set At 6428	Perforations: From To						
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None						
Producing Thru Tbg		Reservoir Temp. °F a		Mean Annual Temp. °F						
				Baro. Press. - P _a 12						
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. hw					
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 F _g					
1										
2										
3										
4										
5										
NO. P _r Temp. °R T _r Z Gas Liquid Hydrocarbon Ratio A.P.I. Gravity of Liquid Hydrocarbons Specific Gravity Separator Gas Specific Gravity Flowing Fluid Critical Pressure Critical Temperature										
1										
2										
3										
4										
5										
P _r P _w P _w P _c - P _w										
NO.	P _r	P _w	P _w	P _c - P _w						
1										
2										
3										
4										
5										
(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 $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$										
Absolute Open Flow Mcfd @ 15.025 Angle of Slope Slope, n										
Remarks:										
Approved by Commission:		Conducted By: Les Hepner		Calculated By: Scott H. Lindsay						
				Checked by: kld						