



NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

☐ Annual		☐ Special		Test Date 9-9-82	(OWWO)
Company El Paso Natural Gas Company		Connection El Paso Natural Gas Company			
Pool Basin		Formation Dakota		Unit	
Completion Date 9-2-82		Total Depth 6558		Plug Back TD 6542	Elevation 6130 GR
Farm or Lease Name Huerfano Unit					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6558	Perforations: From 6272 To 6452	Well No. #227
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6425	Perforations: From To	Unit Sec. Twp. Rge. 0 32 27 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 3795	County San Juan
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F	Baro. Press. - P _a
State New Mexico					
L	H	Gg	% CO ₂	% N ₂	% H ₂ S
Prover		Meter Run		Taps	
FLOW DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w
1					
2					
3					
4					
5					
TUBING DATA					
				Press. p.s.i.g.	Temp. °F
				830	
CASING DATA					
				Press. p.s.i.g.	Temp. °F
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					
Super Compress. Factor, F _{pv}					
Rate of Flow Q, Mcfd					
1					
2					
3					
4					
5					
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2					Specific Gravity Separator Gas _____ X X X X X X X X
3					Specific Gravity Flowing Fluid _____ X X X X X
4					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R
P_c^2					
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					
5					
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____					
Absolute Open Flow _____ Mcfd @ 15.025					
Angle of Slope θ _____ Slope, n _____					
Remarks: _____					
Approved By Commission:		Conducted By: Tom McAndrews		Calculated By: Ed Mabe	
Checked By:					