

**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 3-10-86			
Company El Paso Natural Gas				Connection				
Pool Basin				Formation Dakota				Unit
Completion Date 3-10-86		Total Depth 6835		Plug Back TD 6818		Elevation 6616		Farm or Lease Name Huerfano Unit
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6835	Perforations: From 6584 To 6762			Well No. #119E	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6740	Perforations: From To			Unit Sec. Twp. Rge. N 15 26 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At None		County San Juan	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run	Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							1087		1055		7 Days
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	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
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		

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____						

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____
Remarks: _____		

Approved By Commission:	Conducted By: B. Huntington	Calculated By: Scott H. Lindsay	Checked By: kld
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RECEIVED
MAR 12 1986
OIL CON. DIV.
DIST. 3