

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

Form C-122
Revised 9-1-55

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 4-16-86	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 4-16-86		Total Depth 6922	Plug Back TD 6903
		Elevation 6507	Farm or Lease Name Huerfano Unit
Csq. Size 4.5	Wt. 10.5	d 4.052	Set At 6922
Tbg. Size 2.375	Wt. 4.7	d 1.997	Set At 6808
Type Well - Single - Brdhead - 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		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
1.							885		1550		7 Days
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	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.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deq.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____

APR 23 1986

OIL CON. DIV.

DIST. 3

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

Approved By Commission:	Conducted By: B. Huntington	Calculated By: Scott H. Lindsay	Checked By: kld
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