

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 10-31-81		
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		(OWWO)	
Pool UNDESIGNATED				Formation Fruitland		Unit	
Completion Date 9-26-81		Total Depth 1769		Plug Back TD 1759		Elevation	
Farm or Lease Name Cornell		Well No. #5					
Csg. Size 2.875	Wt. 6.4	d 2.441	Set At 1759	Perforations: From 1644 To 1664			
Tbg. Size 1.660	Wt. 2.3	d 1.380	Set At 1659	Perforations: From To		Unit Sec. Twp. Rge. G 1 29 12	
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 12	
State New Mexico							
L	H	Gg	% 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							560		630		17 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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _f	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					

NO.	P _t ²	P _w ²	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					
5					

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope @ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: Bab Haire	Calculated By: Ed Mabe	Checked By: