

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 9-8-80			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company					
Pool Basin				Formation Dakota				Unit	
Completion Date 8-29-80		Total Depth 7029		Plug Back TD 7011		Elevation 6203 G.L.		Farm or Lease Name Hancock	
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 7029	Perforations: From 6674 To 6858				Well No. 7E	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6856	Perforations: From To				Unit Sec. Twp. Rge. J 30 28 9	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan	
Producing Thru		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	
SI							1000		1020		11 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	Rate of Flow 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

NO.	P _r	P _w	P _r ²	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____
1							
2							
3							
4							
5							

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope θ _____	Slope, n _____
Remarks: _____					
Approved By Commission:		Conducted By: Tom McAndrews		Calculated By: H. E. McAnally	
				Checked By:	