

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 8-23-82						
Company El Paso Natural Gas Company						Connection El Paso Natural Gas Company				(OWWO)		
Pool Basin						Formation Dakota				Unit		
Completion Date 8-16-82			Total Depth 6936			Plug Back TD 6918		Elevation		Farm or Lease Name Huerfano Unit		
Coq. Size 4.500	Wt. 10.5	d 4.052	Set At 6936		Perforations: From 6640 To 6841				Well No. #213			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6814		Perforations: From To				Unit 0	Soc. 36	Twp. 27	Rge. 10
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At		County San Juan				
Producing Thru Tbg.		Reservoir Temp. °F a		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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							241		1023		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3							
4							
5							

NO.	P _f	Temp. °R	T _f	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 _c	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ ACF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1					
2					
3					
4					

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

Approved By Commission:	Conducted By: Bill Huntington	Calculated By: Ed Mabe	Checked By:
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