

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 2-10-86	
Company El Paso Natural Gas Co.				Connection		
Pool Basin				Formation Dakota		Unit
Completion Date 2-10-86		Total Depth 6739		Plug Back TD 6716		Elevation 6508
Farm or Lease Name Huerfano Unit						
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6739	Perforations: From 6473 To 6596		Well No. #165E
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6587	Perforations: From To		Unit Sec. Twp. Rge. A 30 26 09
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 12		State New Mex
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							1290		1310		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 Fg	Super Compress. Factor, Fpv	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 _____ Specific Gravity Flowing Fluid _____ Critical Pressure _____ P.S.I.A. _____ P.S.I.A. Critical Temperature _____ R _____ R	
1.						
2.						
3.						
4.						
5.						

NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ FEB 12 1986 OIL CON. DIV. DIST. 3
1.					
2.					
3.					
4.					
5.					

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

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