

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

Form C-1
Revised 1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-27-86	
Company El Paso Natural Gas				Connection			
Pool Basin				Formation Dakota		Unit	
Completion Date 1-27-86		Total Depth 6725		Plug Back TD 6715		Elevation 5724 GR	
Farm or Lease Name Neudecker		Well No. #6E					
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6725	Perforations: From 6515 To 6644		Unit Sec. Twp. Rge. C 14 29 10	
Thg. Size 1.990	Wt. 2.9	d 1.610	Set At 6645	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County San Juan	
Producing Thru Thg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _g 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							1095		1372		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.							

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JAN 29 1986

NO.	P _t	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 _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

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

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

Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____	Slope, n _____
Remarks: _____			
Approved By Commission:	Conducted By: Bobbie Easterling	Calculated By: Scott H. Lindsay	Checked By: kld