

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 1-10-86			
Company El Paso Natural Gas Co.				Connection					
Pool Basin				Formation Dakota				Unit	
Completion Date 1-10-86		Total Depth 7526		Plug Back TD 7509		Elevation 6755 GR		Farm or Lease Name Klein	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7525	Perforations: From 7195 To 7468		Well No. #28E			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7298	Perforations: From To		Unit C	Sec. 33	Twp. 26	Rge. 06
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None		County Rio Arriba			
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a		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							2088		2104		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 _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	_____ Deg.
2.					Specific Gravity Separator Gas	XXXXXXX
3.					Specific Gravity Flowing Fluid	_____
4.					Critical Pressure	_____ P.S.I.A.
5.					Critical Temperature	_____ R

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) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____			
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Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope Θ _____	Slope, n _____
Remarks: _____			

Approved By Commission:	Conducted By: Les Hepner	Calculated By: Scott Lindsay	Checked By: kld
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