

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

Form C-122
Revised 9-1-65

Corrected Copy

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 1-30-86					
Company El Paso Natural Gas Co.						Connection					
Pool Basin						Formation Dakota				Unit	
Completion Date 1-30-86			Total Depth 7803		Plug Back TD 7792		Elevation 5678 GR		Farm or Lease Name S.J. 29 -7 Unit		
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7803	Perforations: From 7532 To 7750				Well No. #45E			
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 7716	Perforations: From To				Unit M	Sec. 20	Twp. 29	Rge. 07
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 _g 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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
1.							1902		1902	
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, F _{pv}	Rate of Flow Q, 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	Deq.
2.					Specific Gravity Separator Gas	X 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.
5.					Critical Temperature	R

NO.	P _r	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.						

Absolute Open Flow				Mcf/d @ 15.025	Angle of Slope @	Slope, n
Remarks:						

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