

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 2-4-86	
Company El Paso Natural Gas Co.				Connection	
Pool Basin				Formation Dakota	
Completion Date 2-4-86		Total Depth 6300		Plug Back TD 6279	
Elevation 5677 GR		Farm or Lease Name Pinon Mesa A			
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 6291	Perforations: From 5998 To 6168	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 6035	Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F 12	
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1870		1870	
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.	F _t	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1						
2						
3						
4						
5						

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			
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P _c _____ P _w _____ P _c ² - P _w ² _____	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ 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 _____
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Remarks:			
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Approved By Commission:	Conducted By: Bobby Haire	Calculated By: Scott H. Lindsay	Checked By: kld
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