

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 10-16-85		18 1985	
Company El Paso Natural Gas			Connection		
Pool Basin		Formation Dakota		Unit	
Completion Date 10-16-85		Total Depth 6626		Plug Back TD 6608	
Elevation 6541 GR		Farm or Lease Name Huertano Unit			
Csg. Size 4.500	wt. 10.5	d 4.052	Set At 6522	Perforations: From 6410 To 6500	
Reg. Size 2.375	wt. 4.7	d 1.995	Set At 6485	Perforations: From To	
Type well - Single - Broadhead - G.G. or G.O. Multiple Single			Packer Set At None		County San Juan
Producing Thru Tbg.		Reservoir Temp. °F a		Mean Annual Temp. °F	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							529		525		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 _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _r	P _w	P _w [*]	P _r [*] - P _w [*]	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1.						
2.						
3.						
4.						
5.						

ACF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$

(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$

(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$

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

Approved by Commission:	Conducted by: Bill Huntington	Calculated by: Ed Mabe	Checked by: kld
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