

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 10-09-85	
Company El Paso Natural Gas				Connection	
Pool Basin				Formation Dakota	
Completion Date 10-09-85		Total Depth 6860		Plug Back TD 6841	
				Elevation 6556 GR	
Form or Lease Name Huerfano Unit				Well No. #183E	
Gas. Size 4.500	Int. 10.5	d 4.052	Set At 6855	Perforations: From 6706 To 6736	
Req. Size 2.375	Int. 4.7	d 1.995	Set At 6707	Perforations: From To	
Type Well - Single - Gradenead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Tbg.				County San Juan	
Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12	
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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							452		646		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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcd
1							
2							
3							
4							
5							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio Mcf/bbl.
1					
2					
3					
4					
5					

A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.				
Specific Gravity Separator Gas _____ XXXXXXXXXX				
Specific Gravity Flowing Fluid _____ XXXXX				
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.				
Critical Temperature _____ R _____ R				

$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \text{_____}$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$				
$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \text{_____}$				

Absolute Open Flow _____ Mcd @ 15.025		Angle of Slope _____		Slope, n _____	
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Remarks: AEG = 54 MCF/D for sizing equip. only.

Approved by Commission:	Conducted By: Joe Gillott	Calculated By:	Checked by:
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