

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 10-11-85	
Company El Paso Natural Gas Co.					Connection						
Pool Basin					Formation Dakota					Unit	
Completion Date 10-11-85			Total Depth 6930		Plug Back TD 6915		Elevation 6630 GR		Farm or Lease Name Huerfano Unit		
Coq. Size 4.500	Wt. 10.5	d 4.052	Set At 6930	Perforations: From 6813 To 6856				Well No. #108E			
Teg. Size 2.375	wt. 4.7	d 1.995	Set At 6827	Perforations: From To				Unit M 01	Sec. 26	Twp. 10	Age.
Type Well - Single - Bradenhead - G.C. 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							1426		1526		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 _r	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio	OCT 15 1985	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons		Deg.
2					Specific Gravity Separator Gas	OIL CON. DIV.	XXXXXXXXXX
3					Specific Gravity Flowing Fluid	DIST. 3	
4					Critical Pressure	P.S.I.A.	P.S.I.A.
5					Critical Temperature	R	R

NO.	P _r	P _w	P _r	P _r 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: Joe Giillentine	Calculated By: Ed Mabe	Checked By: kld
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