

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 10-10-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 10-10-85		Total Depth 7200	Plug Back TD 7188
Elevation 6389 GR		Farm or Lease Name Klein	
Coq. Size 4.500	wt. 10.5	d 4.052	Set At 7198
Perforations: From 6854 To 7152		Well No. #19E	
Trq. Size 2.375	wt. 4.7	d 1.995	Set At 7147
Perforations: From To		Unit C	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single		Packer Set At None	County Rio Arriba
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							1694		2087		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 _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>XXXXXX</td>	XXXXXX
3.					Specific Gravity Flowing Fluid <td>DIS. X3</td>	DIS. X3
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R

NO.	P _t	P _w	P _e	P _e ² - P _w ²
1.				
2.				
3.				
4.				
5.				

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope @ _____	Slope, n _____
Remarks: _____		

Approved by Commission:	Conducted By: Les Hepner	Calculated By: Ed Mabe	Checked By: kld
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