

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-55

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-25-85	
Company El Paso Natural Gas				Connection	
Pool Basin				Formation Dakota	
Completion Date 10-25-85		Total Depth 8348		Plug Back TD 8340	
				Elevation 6970 GR	
Form or Lease Name S.J. 28-5 Unit				Well No. #91E	
Csg. Size 4.500	Wt. 11.6	Set At 8348	Perforations: From 8230 To 8338		
Tbg. Size 1.900	Wt. 2.9	Set At 8315	Perforations: From To		
Type Well - Single - Blindhead - G.G. or G.C. Multiple Single				Packer Set At None	
Producing Thru Tbg.				County Rio Arriba	
Reservoir Temp. °F a		Mech Annual Temp. °F		Baro. Press. - P _a 12	
State New Mexico					
L	H	G _g .700	% 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.		Temp. °F
51							1320		1850		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, Mcfd
1							
2							
3							
4							
5							

NO.	P _r	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>XXXX</td>	XXXX
4					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5					Critical Temperature <td>R</td>	R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²
1				
2				
3				
4				
5				

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

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

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

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

Approved by Commission:	Conducted By:	Calculated By: Cliff Brock	Checked By: kld
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