

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 10-21-85	
Company El Paso Natural Gas		Connection	
Pool Basin		Formation Dakota	
Completion Date 10-21-85		Total Depth 8702	Plug Back TD 8690
Elevation 7299 GR		Form or Lease Name San Juan 28-5	
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 8590
Perforations: From *8597 To 8657		Well No. #102E	
Tbg. Size 1.900	Wt. 2.9	d 1.610	Set At 8471
Perforations: From To		Unit Sec. Twp. Rge. 0 12 28 05	
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single		Packer Set At None	County Rio Arriba
Producing Thru Tbg.		Reservoir Temp. *F a	Mean Annual Temp. *F 12
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	
1.							2530	2530	7 Days
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	DEG.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

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

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope _____	Slope, n _____
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Remarks: *2.875" Liner 8475' - 8702'.

Approved by Commission:	Conducted By: John Easley	Calculated By: Ed Mabe	Checked By: kld
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