

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

Form C-122
 Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 6-8-83		(OWWO)	
Company El Paso Natural Gas Company				Connection Northwest Pipeline Co.			
Pool Tapacito				Formation Pictured Cliffs		Unit	
Completion Date 5-31-83		Total Depth 4007		Plug Back TD 3961		Elevation	
Farm or Lease Name San Juan 27-4 Unit		Well No. #8					
Csg. Size 5.500	Wt. 15.5	d 4.950	Set At 4007	Perforations: From 3924 To 3956		Unit Sec. Twp. Rge. N 32 27 4	
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 3939	Perforations: From To		County Rio Arriba	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 3811		State New Mexico	
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12	
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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							495				8 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.							

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NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbon	Deq.
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 _t ²	P _w ²	P _w ²	P _c ² - P _w ²
1.				
2.				
3.				
4.				
5.				

$$(1) \frac{P_c^2}{P_c^2 - P_w^2} = \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \quad$$

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

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

Approved By Commission:	Conducted By: Clarence Dickens	Calculated By: Ed Mabe	Checked By:
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