

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 10-30-85	
Company El Paso Natural Gas		Connection	
Pool So. Blanco		Formation Pictured Cliffs	
Completion Date 10-30-85	Total Depth 2950	Plug Back TD 2938	Elevation 6806 GR
Farm or Lease Name Canyon Largo Unit			Well No. #61
Csg. Size 2.875	wt. 6.4	d 2.441	Set At 2948
Perforations: From 2761 To 2822		Unit K	
Tubingless Completion		Sec. 07	
Type Well - Single - Erdenness - G.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru Csg.		State New Mexico	
Reservoir Temp. °F a		Mean Annual Temp. °F	
Baro. Press. - P _a 12		County Rio Arriba	
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	
1.									671		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 _t	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	XXXXXX
3.					Specific Gravity Flowing Fluid	XXXXXX
4.					Critical Pressure _____ P.S.I.A.	_____ P.S.I.A.
5.					Critical Temperature _____ R	_____ R

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

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope θ _____	Slope, n _____
Remarks: _____		
Approved by Commission: _____ Conducted By: Les Hepner		
Calculated By: Ed Mabe		
Checked By: kld		