

**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 12-17-85	
Company El Paso Natural Gas		Connection	
Pool Blanco		Formation Mesa Verde	
Completion Date 12-17-85	Total Depth 5155	Plug Back TD 5044	Elevation 5869 GR
Farm or Lease Name Morris A		Well No. #13A	
Csg. Size 7.000	Wt. 20	d 6.456	Set At 7658
Perforations: From *4033	To 5002		Well No. #13A
Teg. Size 2.375	Wt. 4.7	d 1.995	Set At 4954
Perforations: From	To		Unit I
Type well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	County San Juan
Producing Thru Tbg.	Reservoir Temp. *F a	Mean Annual Temp. *F	Baro. Press. - P _a 12
State New Mexico		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. h _w	Temp. *F	Press. p.s.i.g.	Temp. *F		
1.							356		1097	8 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	XXXXXXX
3.					Specific Gravity Flowing Fluid	XXXXX
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) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____

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

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

Absolute Open Flow _____ Mcfd @ 15.025	Angle of Slope ϕ _____	Slope, n _____
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Remarks: *4.500 "Liner 2494" - 5058'.

Approved by Commission:	Conducted By: Don Norton	Calculated By: Ed Mabe	Checked By: kld
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