

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

Form 2-422
Revised 9-1-69

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 6-16-82			
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		(OWWO)	
Pool Blanco				Formation Mesa Verde		Unit	
Completion Date 6-9-82		Total Depth 5130		Plug Back TD 5095		Elevation 6079 GR	
Farm or Lease Name Newberry				Well No. #4			
Csg. Size 7.000	Wt. 20	d 6.456	Set At 4720	Perforations: From *4818 To 5084			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 5076	Perforations: From To			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At		County San Juan	
Producing Thru Tbg.		Reservoir Temp. *F @		Mean Annual Temp. *F		Baro. Press. - P _a 12	
State New Mexico							
L	H	Gg	% 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							375		385		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 Fg	Super Compress. Factor, Fpv	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. _____ P.S.I.A.
5					Critical Temperature _____ R _____ R

NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²
1				
2				
3				
4				
5				

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

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

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

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

Approved By Commission:	Conducted By: Bob Haire	Calculated By: Ed Mabe	Checked By:
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