

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 1-30-86			
Company El Paso Natural Gas				Connection					
Pool Blanco				Formation Mesa Verde				Unit	
Completion Date 1-30-86		Total Depth 4876		Plug Back TD 4863		Elevation 5761 GR		Farm or Lease Name Fifield	
Coq. Size 7.000	Wt. 20	d 6.456	Set At 2415	Perforations: From 4572* To 4742			Well No. #4		
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 4733	Perforations: From To			Unit E	Sec. 21	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At none		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.	
SI							660		1060	
1.										
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	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 _____	
3					Specific Gravity Flowing Fluid _____	
4					Critical Pressure _____ P.S.I.A.	
5					Critical Temperature _____ R	

NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} =$ _____	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

Absolute Open Flow _____ Mcfd @ 15.025				Angle of Slope @ _____		Slope, n _____	
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Remarks: *4 1/2" Liner Set 2327' - 4576'.			
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Approved By Commission:	Conducted By: Scott H. Lindsay	Calculated By: Scott H. Lindsay	Checked By: kld
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