

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

Form C-122
Revised 9-1-65

RECEIVED
OCT 28 1985
OIL CON. DIV.
DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 10-25-85	
Company El Paso Natural Gas				Connection	
Pool Blanco				Formation Pictured Cliffs	
Completion Date 10-25-85		Total Depth 3262		Plug Back TD 3251	
				Elevation 6465 GR	
Csg. Size 2.875		Wt. 6.4		Set At 3262	
Perforations: From 3068		To 3175		Well No. #3	
Tubingless Completion				Unit Sec. Twp. Rge. I 13 29 09	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At None	
Producing Thru Csg.		Reservoir Temp. °F a		Mean Annual Temp. °F	
				Baro. Press. - P _a 12	
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									432		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 _r	P _w	P _w	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$ _____	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____
1						
2						
3						
4						
5						

ACF = C $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____			
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Absolute Open Flow _____ Mcfd @ 15.025		Angle of Slope θ _____		Slope, n _____	
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Remarks: _____					
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Approved by Commission:	Conducted By: N.L. Waggoner	Calculated By: Ed Mabe	Checked by: kld
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