

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

Form C-122
 Revised 9-1-65

RECEIVED
 NOV 14 1985
 OIL CON. DIV.
 DIST. 3

Type Test ☒ Initial ☐ Annual ☐ Special										Test Date 11-13-85	
Company El Paso Natural Gas					Connection						
Pool Blanco					Formation Mesa Verde					Unit	
Completion Date 11-13-85			Total Depth 5664		Plug Back TD 5640		Elevation 6656 GR		Farm or Lease Name Vaughn		
Csg. Size 4.500		Wt. 10.5		Set At 4.052		Set At 5654		Perforations: From 5164 To 5558		Well No. #33	
Teg. Size 2.375		Wt. 4.7		Set At 1.995		Set At 5557		Perforations: From To		Unit Sec. Twp. Fsq. P 26 26 06	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single										Packer Set At None	
Producing Thru Tbg.			Reservoir Temp. °F a		Mean Annual Temp. °F		Baro. Press. - P _a 12		County Rio Arriba		
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							1048		1212		
1.											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 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 _____ XXXXXXXXXX	
3.					Specific Gravity Flowing Fluid _____ XXXXXX	
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5.					Critical Temperature _____ R _____ 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) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n =$ _____
1.					
2.					
3.					
4.					
5.					

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

Approved by Commission:	Conducted By: Ernie Minert	Calculated By: Ed Mabe	Checked By: kld
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