

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 9-22-80	
Company El Paso Natural Gas Company					Connection	
Pool Basin					Formation DK - GL	
Completion Date 9-15-80		Total Depth 7406		Plug Back TD 6800		
Elevation					Farm or Lease Name Rincon Unit	
Csg. Size 4.500	Wt. 10.5	d 4.052	Set At 7406	Perforations: From * To		
Tbg. Size 2.375	Wt. 4.7	d _s 1.995	Set At 7159	Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple DK - GL Commingled					Packer Set At NONE	
Producing Thru Tbg. L		Reservoir Temp. °F @		Mean Annual Temp. °F		
Baro. Press. - P _a		State New Mexico		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.	
SI							928		849	
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, F _{sc}	Rate of Flow Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P.S.I.A.	Critical Temperature R
1.										
2.										
3.										
4.										
5.										

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

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{\hspace{2cm}}$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{\hspace{2cm}}$

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

Absolute Open Flow	Mcfd @ 15.025	Angle of Slope	Slope, n
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Remarks: *DK - Perfs - 7050' - 7254'
 GL - Perfs - 6211' - 6562'

No After Frac Gauge- Well Produces Large Amount of Oil

Approved By Commission:	Conducted By: Glenn Spencer	Calculated By: Ed Mabe	Checked By:
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