

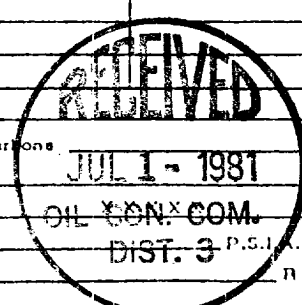
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 6-24-81	
Company El Paso Natural Gas Company		Connection El Paso Natural Gas Company	
Pool Basin		Formation Dakota	
Completion Date		Total Depth	Plug Back TD 7637
			Elevation 7565
		Form or Lease Name Rincon Unit	
Csq. Size 5.500	Wt. 15.5	d 4.950	Set At 7634
		Perforations: From 7360 To 7520	
Trq. Size 2.375	Wt. 4.7	d 1.995	Set At 7435
		Perforations: From To	
Type Well - Single - Broadhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru Tbg.		Reservoir Temp. °F p	Mean Annual Temp. °F
		Baro. Press. - P _a 12	
County Rio Arriba		State New Mexico	
L	H	G _g	% CO ₂
		% H 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							1025				15 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 F _g	Super. Factor, F _{sp}	Rate of Flow Q, Mcfd
1.							
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf, Jbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons <td>Deg.</td>	Deg.
2.					Specific Gravity Separator Gas <td>X X X X X X X X</td>	X X X X X X X X
3.					Specific Gravity Flowing Fluid <td>OIL CON. COM.</td>	OIL CON. COM.
4.					Critical Pressure <td>P.S.I.A.</td>	P.S.I.A.
5.					Critical Temperature <td>R</td>	R



NO.	P _r	P _w	P _c	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.						

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

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

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

Absolute Open Flow	Mcf @ 15.025	Angle of Slope	Slope, n .75
Remarks:			
Approved By Division	Conducted By Dennis Anderson	Calculated By Ed Mabe	Checked By