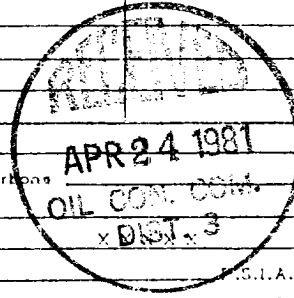


MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test										Test Date		
☒ Initial ☐ Annual ☐ Special										4-20-81		
Company					Connection							
El Paso Natural Gas Company					El Paso Natural Gas Company							
Pool					Formation					Unit		
Basin					Dakota							
Completion Date			Total Depth		Plug Back TD		Elevation		Farm or Lease Name			
4-10-81			6756		6740		5698 GL		Hubbell			
Csg. Size	Wt.	d	Set At	Perforations		Well No.						
4.500	10.5	4.052	6756	From 6448 To 6648		#5E						
Tub. Size	Wt.	d	Set At	Perforations		Unit		Sec.	Twp.	Rge.		
2.375	4.7	1.995	6619	From To		F		17	29	10		
Type Well - Single - Broadhead - G.G. or G.O. Multiple								Packer Set At		County		
Single										San Juan		
Producing Thru		Reservoir Temp. °F		Mean Annual Temp. °F		Baro. Press. - P _a		State				
		p						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.	Temp. °F		
SI							1270		1211		10 Days	
1.												
2.												
3.												
4.												
5.												
RATE OF FLOW CALCULATIONS												
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{in}}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mscf					
1												
2												
3												
4												
5												
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio		Mcf, bbl.					
1					A.P.L. Gravity of Liquid Hydrocarbons		Deg.					
2					Specific Gravity Separator Gas		XXXXXXXXXX					
3					Specific Gravity Flowing Fluid		x DIST. 3					
4					Critical Pressure		P.S.I.A.					
5					Critical Temperature		R					
												
NO.	P _r	P _w	P _r	P _r ² - P _w ²	(1) $\frac{P_c^2}{P_r^2 - P_w^2} =$ _____ (2) $\left[\frac{P_c^2}{P_r^2 - P_w^2} \right]^n =$ _____							
1												
2												
3												
4												
5												
$AOI = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ _____												
Absolute Open Flow					Mcf @ 15.025					Angle of Slope θ		Slope, n
Remarks:												
Approved by Division			Conducted By			Calculated By			Checked By			
			Bobby Easterling			R. F. Headrick						