

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 5-29-85		Flac	
Company Amoco Production Co.				Connection El Paso Natural Gas Company		846407-01-3	
Pool Basin				Formation Dakota		Unit	
Completion Date 5-5-85		Total Depth 6519		Plug Back TD 6472		Elevation 5978GR	
Coq. Size 7.000		Wt. 23		d 6.366		Set At 6519	
Perforations: From 6314 To 6434		Well No. 245E					
Perforations: From open To ended		Unit G		Sec. 36		Twp. 28	
County San Juan		State New Mexico					
Type Well - Single - Bradenhead - G.C. or G.C. Multiple Single				Packer Set At None		Buro. Press. - P ₀	
Producing Thru tubing		Reactor Temp. *F 6		Mean Annual Temp. *F		Meter Run Taps	
L		R		Cq		% CO ₂	
						% N ₂	
						% H ₂ S	
						Prover	

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	8 days						1544		1571	
1.	2.375	.750					117		398	
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		129	1.000	.9258	1.015	1499
2.							
3.							
4.							
5.							

NO.	R	Temp. *R	$\bar{r}_r$	Z	Gas Liquid Hydrocarbon Ratio	A.P.L. Gravity of Liquid Hydrocarbon	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure P _{cr} , P.S.I.A.	Critical Temperature
1										
2.										
3.										
4.										
5.										

NO.	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈	P ₉	P ₁₀
1	1583	2505889	410	168100	2337789					
2.										
3.										
4.										
5.										

NO.	P ₁	P ₂	P ₃	P ₄	P ₅	P ₆	P ₇	P ₈	P ₉	P ₁₀
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