

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 05 06 80			
Company AMOCO PRODUCTION CO.				Connection EL PASO NATURAL GAS CO.					
Pool BASIN				Formation DAKOTA				Unit	
Completion Date 04 15 80		Total Depth 6074		Plug Back TD 6039		Elevation 5345 GL		Farm or Lease Name GALLEGOS CANYON UNIT	
Coq. Size 4.500	Wt. 11.6	d 4.000	Set At 6074	Perforations From 5816 To 5986		Well No. 170E			
Tiq. Size 2.375	Wt. 4.7	d 1.995	Let At 6002	Perforations From open To ended		Unit Soc. Twp. Rge. E 35 29 12			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple SINGLE						Packer Set At NONE		County SAN JUAN	
Producing Thru TUBING		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a		State 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 _v	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI	9 days						905		1014		3 hrs
1.	2.375	.750					212		624		
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	12.365		224	1.000	.9258	1.026	2631
2.							
3.							
4.							
5.							

NO.	P _t	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

P _c 1026	P _c ² 1052676	(1) $\frac{P_c^2}{P_e^2 - P_w^2} = \underline{1.6240}$	(2) $\left[\frac{P_c^2}{P_e^2 - P_w^2} \right]^n = \underline{1.4386}$
NO	P _t ²	P _w	P _t ²
1		636	404496
2			
3			
4			
5			

Absolute Open Flow 3785 Mcfd @ 15.025		Angle of Slope θ _____	Slope, .75
Remarks _____			
Approved by Division		Conducted By JJB	Calculated By J J BARNETT
			Checked By B E FACKRELL