

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: 9-10-85	
Company: Amoco Production Company						Connection:					
Pool: Bravo Dome Carbon Dioxide Gas Unit-640 acre Area						Formation:					
Completion Date: 12-2-83			Total Depth: 2855			Plug Back TD: 2717			Elevation: 4775		
Csg. Size: 7			Wt.: 20			Set At: 2855			Perforations: From 2472 To 2541		
Tbg. Size: 3-1/2			Wt.: 9.5			Set At: 2452			Perforations: From To		
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At: 2416			Unit: BDCDGU		
Producing Thru: Tubing			Reservoir Temp. °F: 90 @ 2507			Mean Annual Temp. °F: 50			Baro. Press. - P _a : 12.2		
L: 2507			H: 2507			G _g : 1.529			% CO ₂ : 100		
						% N ₂ : 0			% H ₂ S: 0		
						Prover:			Meter Run: 4.0		
									Taps: Flange		
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI											
1.	4.026 x 1.625			170	28	60	170	50			24 hr.
2.	4.026 x 1.625			196	26	60	196	50			24 hr.
3.	4.026 x 1.625			219	18	59	219	50			24 hr.
4.	4.026 x 1.625			236	12	59	236	50			24 hr.
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 Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1							793				
2							703				
3							615				
4							540				
5											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio: 0 Mcf/bbl.						
1.					A.P.I. Gravity of Liquid Hydrocarbons: 0 Deg.						
2.					Specific Gravity Separator Gas: 1.529						
3.					Specific Gravity Flowing Fluid: X X X X X						
4.					Critical Pressure: 1072 P.S.I.A.						
5.					Critical Temperature: 547 R						
P _r : 347.2 P _c ² : 120.548											
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²							
1		182.2		87.351							
2		208.2		77.200							
3		231.2		67.004							
4		248.2		58.945							
5											
Absolute Open Flow: 1086 Mcfd @ 15.025					Angle of Slope θ: .98						
Remarks:											
Approved By Commission:		Conducted By:		Calculated By: D. D. KIMBLE		Checked By:					