

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date									
Company Amoco Production Company		Connection									
Pool Bravo Dome Carbon Dioxide Gas Unit-640 Acre Area		Formation									
Completion Date 11-6-85	Total Depth 2586	Plug Back TD 2497	Elevation 4850								
Unit BDCDGU		Farm or Lease Name									
Csq. Size 7	Wt. 20	Set At 2586	Perforations: From 2368 To 2450								
Thq. Size 3-1/2	Wt. 9.3	Set At 2230	Perforations: From To								
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At 2199									
Producing Thru Tubing	Reservoir Temp. °F 90 @ 2409	Mean Annual Temp. °F 50	Baro. Press. - P _a 12.25								
L 2409	H 2409	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	
1.	4.026 x 2.000			175.5	23	53	376				
2.	4.026 x 2.000			153.0	35.5	55	187.75	53			1.5
3.	4.026 x 2.000			135.7	49	55	165.25	55			1.5
4.	4.026 x 2.000			95.2	93.5	55	147.95	55			1.5
5.							107.45	55			1.5
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_{tm}}$	Pressure P _{tm}	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1.							1341				
2.							1421				
3.							1505				
4.							1615				
5.											
NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ 0						
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Mcf/bbl.						
2.					Specific Gravity Separator Gas 1.529 _____ Deg.						
3.					Specific Gravity Flowing Fluid _____ X X X X X						
4.					Critical Pressure 1072 _____ P.S.I.A.						
5.					Critical Temperature 496 _____ P.S.I.A.						
P _c 328.2 P _c ² 107.751											
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²							
1.		188		72.371							
2.		165		80.490							
3.		148		85.811							
4.		107		96.266							
5.											
Absolute Open Flow 1737		Mcf @ 15.025		Angle of Slope θ		Slope, n .65					
Remarks:											
Approved by Commission:		Conducted By:		Calculated By: Don Kimble		Checked By:					