

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL Revised 9-1-63

Form C-122

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 9/2/97		API Number 30-021-20112		
Company Amoco Corporation				Connection Bravo Dome CO2 Plant			RTU Number 5200		
Pool N/A				Formation Tubb			Unit BDCDGU		
Completion Date 7/5/82		Total Depth 2235		Plug Back Depth 2177		Elevation 4430		Farm or Lease Name Bravo Dome	
Csg. Size 5.5		Wt. 14		Csg. Inside Dia. 5.012		Set At 2235		Perforations From 2008 To 2133	
Tbg. Size 2.375		Wt. 4.7		Tbg. Inside Dia. 1.99		Set At 1954		Perforations From n/a To n/a	
Type well - Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At 1954		County Harding		
Producing Through Tubing		Reservoir Temp, F 95		Mean Annual Temp, F 60		Baro. Press. - PSIA 12.2		State New Mexico	
Flow Channel, L 2177		Depth, H 2177		Gg 1.5192		%CO2 100		%N2 0	
						%H2S 0		Prover ORIFICE	
								Meter Run 4 inch	
								Taps FLANGE	
FLOW DATA									
NO.	Prover Size	X	On	Stat. Press psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.
SI							406		
1.							347		
2.							300		
3.							250		
4.							200		
5.							0		
TUBING DATA									
CASING DATA									
DURATION OF FLOW									
RATE OF FLOW CALCULATIONS									
NO.	Coefficient (24 Hours)	/ hw * Pm		Pressure Pm	Flow Temp. Factor, Ft	Gravity Factor, Fg	Super Compressibility Factor, Fpv	Rate of Flow Q, Mcfd	
SI								Values	Log(10)
1.								1473	3.1682
2.								2001	3.3012
3.								2486	3.3955
4.								2856	3.4558
5.								3451	AOF
NO.	P r	Temp, °R	T r	Z	Gas Liquid Hydrocarbon Ratio A. P. I. Gravity of Liquid Hydrocarbon Specific Gravity Separator Gas Specific Gravity Flowing Fluid Critical Pressure Critical Temperature				N/A Mcf/bbl N/A Deg. N/A 1.5192 1072 P.S.I.A. 548 R
1.									
2.									
3.									
4.									
5.									
Pc - 418.2		Pc^2 - 174,891				(1) 4th test point		(2) 4th test point	
NO.	P t^2	Pw	P w^2	Pc^2 - P w^2	Pc^2 - P w^2	Pc^2	1.347	Pc^2	^n
SI		418.2	174,891	0	Log(10)	Pc^2 - P w^2		Pc^2 - P w^2	
1.		359.2	129,025	45,867	4.6615				
2.		312.2	97,469	77,422	4.8889				
3.		262.2	68,749	106,142	5.0259				
4.		212.2	45,029	129,862	5.1135				
5.									
Absolute Open Flow		3,451		Mcf/d @ 15.025		Angle of Slope		57.56	
						Slope, n -		0.636 (Cotangent)	
Remarks:									
Approved By Commission:			Conducted By: Bill Prichard			Calculated By: Automation Software		Checked By: Gary Ford, Bill Prichard	