

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

Form C-122
Revised 9-1-63

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 6/29/96		API Number 30-059-20334	
Company Amoco Corporation				Connection Bravo Dome CO2 Plant				
Pool N/A				Formation Tubb				Unit BDCDGU
Completion Date 8/27/95		Total Depth 2375		Plug Back Depth 2360		Elevation 4784		Farm or Lease Name Bravo Dome
Csg. Size 5 1/2	Wt. fg	Csg. Inside Dia 4.75	Set At 2375	Perforations From 2057 To 2295		Well Number 2234-281g		
Tbg. Size na	Wt. x	Tbg. Inside Dia x	Set At. x	Perforations From x To x		Unit Sec. Twp. Rge. sec 28,T-22,R-34		
Type well -Single-Bradenhead-G.G. or G.O. Multiple Single					Packer Set At na		County Union	
Producing Through csg		Reservoir Temp. F 95		Mean Annual Temp. F 60		Baro. Press. - PSIA 12.2		State New Mexico
Flow Channel, L 2375	Depth, H 2375	Gg 1.5192	%CO2 100	%N2 0	%H2S 0	Prover ORIFICE	Meter Run 4 inch	Taps FLANGE
FLOW DATA					TUBING DATA		CASING DATA	
NO.	Prover Size	X	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.
SI						228		
1.						201		24 hour
2.						184		60 MIN
3.						166		60 MIN
4.						154		60 MIN
5.						0		
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 Values
SI								0
1.								4040
2.								4780
3.								5620
4.								6140
5.								8301
								AOF
NO.	P r	Temp. °R	T r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl A. P. I. Gravity of Liquid Hydrocarbon N/A Deg. Specific Gravity Separator Gas N/A Specific Gravity Flowing Fluid 1.5192 Critical Pressure 1072 P.S.I.A. Critical Temperature 548 R			
1.								
2.								
3.								
4.								
5.								
Pc 240.2		Pc^ 57,696		(1) 4th test point		(2) 4th test point		
NO.	P t^2	Pw	Pw^2	Pc^2 - Pw^2	Pc^2	1.918	Pc^2 ^n	1.352
SI		240.2	57,696	0	Pc^2 - Pw^2			
1.		213.2	45,454	12,242	Log(10)			
2.		196.2	38,494	19,202	4.2833			
3.		178.2	31,755	25,941	4.4140			
4.		166.2	27,622	30,074	4.4782			
5.								
Absolute Open Flow 8,301 Mcfd @ 15.025					Angle of Slope 65.16		Slope, n = 0.463 (Cotangent)	
Remarks:								
Approved By Commission:			Conducted By: Bill Prichard, Contract		Calculated By: Automation Software		Checked By: Gary Ford, Bill Prichard	