

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		Duration of Flow
NO.	Prover Size	Stat. Pres psig	Diff. Press. Hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI					228				24 hour
1.					201				60 MIN
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	Log(10)	
SI							4040	3.6064	
1.							4780	3.6794	
2.							5620	3.7497	
3.							6140	3.7882	
4.							8301	AOF	
5.									

NO.	P r	Temp. °R	T r	Z	Gas Liquid Hydrocarbon Ratio A. P. I. Gravity of Liquid Hydrocarbon	N/A Mcf/bbl N/A Deg.
1.					Specific Gravity Separator Gas	N/A
2.					Specific Gravity Flowing Fluid	1.5192
3.					Critical Pressure	1072 P.S.I.A.
4.					Critical Temperature	548 R
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 Pc^2 - Pw^2	Pc^2 Pc^2 - Pw^2
SI		240.2	57,696	0	1.918	1.352
1.		213.2	45,454	12,242		
2.		196.2	38,494	19,202		
3.		178.2	31,755	25,941		
4.		166.2	27,622	30,074		
5.						

Absolute Open Flow 8,301				Mcf/d @ 15.025		Angle of Slope 65.16	Slope, n = 0.463 (Cotangent)
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Remarks:

Approved By Commission:	Conducted By: Bill Prichard, Contract	Calculated By: Automation Software	Checked By: Gary Ford, Bill Prichard
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