

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		Well Number 1930-271p					
Tbg. Size 2.375		Wt. 4.7		Tbg. Inside Dia. 1.99		Set At 1954	
Perforations From n/a To n/a		Unit Sec. Twp. Rge. sec 27,T-19,R-30					
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						TUBING DATA		CASING DATA		Duration of Flow	
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.		Temp. °F
SI							406				24 hour
1.							347				60 MIN
2.							300				60 MIN
3.							250				60 MIN
4.							200				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							0		
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	N/A Mcf/bbl
					A. P. I. Gravity of Liquid Hydrocarbon	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 - 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)			1.208	
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
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