

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

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 5-15-85							
Company Amoco Production Company				Connection							
Pool Bravo Dome Carbon Dioxide				Formation Tubb		Unit BDCDGIJ					
Completion Date 12-14-83		Total Depth 2875'		Plug Back TD 2743'		Elevation 4626'					
Csg. Size 7"		Wt. 20#		Set At 2875'		Perforations: From 2430' To 2462'					
Tubg. Size 3-1/2"		Wt. 9.3#		Set At 2403'		Perforations: From To					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2371'		County Union					
Producing Thru Tubing		Reservoir Temp. °F 94° @ 2446'		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2					
L 2446'		H 2446'		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	
SI							338				
1.	4.026 x 2.125			226	53	61	228.2	50			24 hrs
2.	4.026 x 2.125			254	28	61	266.2	50			24 hrs
3.	4.026 x 2.125			281	14	62	303.2	50			24 hrs
4.	4.026 x 2.125			317	3	61	329.2	50			24 hrs
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1							2062				
2							1632				
3							1222				
4											
5											
NO. P _r Temp. °R T _r Z				Gas Liquid Hydrocarbon Ratio <u>0</u> Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons <u>0</u> Deg. Specific Gravity Separator Gas <u>1.529</u> X X X X X X X X Specific Gravity Flowing Fluid <u>X X X X X</u> Critical Pressure <u>1072</u> P.S.I.A. P.S.I.A. Critical Temperature <u>547</u> R R							
P _c <u>350.2</u> P _c ² <u>122.64</u>											
NO.	P _r ²	P _w	P _w ²	P _c ² - P _w ²							
1		228.2		70.565							
2		266.2		51.778							
3		303.2		30.710							
4		329.2		14.267							
5											
Absolute Open Flow <u>2920</u> Mcfd @ 15.025				Angle of Slope θ _____		Slope, n <u>.63</u>					
Remarks: _____											
Approved by Commission:		Conducted By:		Calculated By: D. D. Kimble		Checked By:					

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