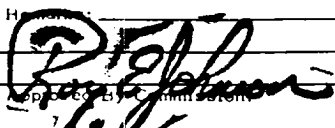


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
 Revised 9-1-65

Type Test: ☒ Initial ☐ Annual ☐ Special				Test Date: 5/29/84		RECEIVED AUG 9 1984					
Company: Amoco Production Company				Connection:							
Pool: Bravo Dome				Formation: Tubb		OIL CONSERVATION DIVISION BDCDGU					
Completion Date: 7/13/81		Total Depth: 2660'		Plug Back TD: 2596'		Elevation: 4640					
Csg. Size: 5-1/2		Wt.: 14#		Set At: 2652'		Perforations: From 2156 To 2277					
Tng. Size: 2-7/8		Wt.: 6.5#		Set At: 2148'		Perforations: From To					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple: Single				Packer Set At: 2109'		Well No.: 2035 281F					
Producing Thru: Tubing		Reservoir Temp. °F: 90 @ 2217'		Mean Annual Temp. °F: 50		Baro. Press. - P _a : 12.25					
L: 2217		H: 2217		G _q : 1.529		% CO ₂ : 100					
				% N ₂ : 0		% H ₂ S: 0					
				Prover:		Meter Run: 4.0					
						Taps: Flange					
FLOW DATA				TUBING DATA		CASING DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							333.2	50			1000 HR
1.	4.026 x	2.375		278	9	59	273	50			1.5
2.	4.026 x	2.375		256	18	59	253	50			1.5
3.	4.026 x	2.375		216	36	58	213	50			1.5
4.	4.026 x	2.375		183	52	56	180	50			1.5
5.											
RATE OF FLOW CALCULATIONS											
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1							1302				
2							1721				
3							2240				
4							2549				
5											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl.						
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.						
2					Specific Gravity Separator Gas 1.529 X X X X X X X X						
3					Specific Gravity Flowing Fluid X X X X X						
4					Critical Pressure 1072 P.S.I.A. _____ P.S.I.A.						
5					Critical Temperature 496 R _____ R						
P _r 345.5 P _w 2					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.449$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.339$						
NO.	P _r	P _w	P _w ²	P _c ² - P _w ²	$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 3412$						
1		285.3		38.0							
2		265.3		49.0							
3		225.3		68.6							
4		192.3		82.4							
5											
Absolute Open Flow 3412 Mcfd @ 15.025					Angle of Slope θ _____			Slope, n .787			
											
Conducted By:				Calculated By: Don White				Checked By:			