

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: 8-28-87							
Company: Amoco Production Company				Connection:							
Pool: Bravo Dome				Formation: Tubb							
Completion Date: 11-28-83		Total Depth: 2858'		Elevation: 4848							
Csg. Size: 7"		Set At: 2483'		Perforations: From 2497' To 2600'							
Trq. Size: 3.5"		Set At: 2452'		Perforations: From To							
Type Well - Single - Blindhead - G.G. or G.O. Multiple: Single				Packer Set At: 2452'							
Producing Thru: Tubing		Reservoir Temp. °F: 90		Mean Annual Temp. °F: 50							
				Baro. Press. - P _g : 12.25							
L		H		G _g							
				% 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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI							279		0		24 hr.
1.	4.026 x	1.750		160	31	61	160	61	0		24 hr.
2.	4.026 x	1.750		175	23	61	175	61	0		24 hr.
3.	4.026 x	1.750		198	12	60	198	60	0		24 hr.
4.	4.026 x	1.750		234	3	58	234	58	0		24 hr.
5.									0		24 hr.
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							953				
2							824				
3							670				
4							378				
5											
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio: 0 Mcf/bbl.						
1.					A.P.I. Gravity of Liquid Hydrocarbons: _____ Deg.						
2.					Specific Gravity Separator Gas: 1.529 XXXXXXXXXX						
3.					Specific Gravity Flowing Fluid: XXXXXX						
4.					Critical Pressure: 1072 P.S.I.A.						
5.					Critical Temperature: 496 R						
P _c : 291.25 P _c ² : 84826											
NO.	P _t ²	P _w	P _w ²	P _c ² - P _w ²							
1		172.25	29670	55156							
2		187.25	35602	49764							
3		210.25	44205	40621							
4		246.25	60639	24187							
5											
Absolute Open Flow: 1450 Mcfd @ 15.025					Angle of Slope θ: 45.0		Slope, n: 1.0				
Remarks:											
Approved by Commission:		Conducted By: RANDY MAHANNAH		Calculated By: RICHARD ROETH		Checked By:					