

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 2-18-83	
Company Amoco Production Company		Connection Not dedicated	
Pool Bloomfield		Formation Chacra	
Completion Date 2-3-83		Total Depth 5861	Plug Back TD 5830
		Elevation 5678 GL	Farm or Lease Name <i>BZ</i> State Gas Com <i>110011</i>
Csq. Size 625 7.000	Wt. 36 23	d 8.921 6.366	Set At 3548 5385
Perforations: From 2881 To 3006		Well No. 1	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 3118
Perforations: From perf To prod tube		Unit Sec. Twp. Rye. I 32 29 10	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Dual & Vent String		Packer Set At 5135	County San Juan
Producing Thru Tubing	Reservoir Temp. °F #	Mean Annual Temp. °F	Baro. Press. - P _a State New Mexico
L	H	G _g	% CO ₂ % N ₂ % H ₂ S Prover Meter Run Taps

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
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.	
SI	7 Days						733		733	
1.	2.375		.750				261		437	
2.										
3.										
4.										
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	12.365		273	1.000	.9258	1.027	3210
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ <i>XXXXXXXXXX</i>
3.					Specific Gravity Flowing Fluid _____ <i>XXXXXX</i>
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 745	P _c ² 555025	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5704$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4029$
NO 1	P _w 449	P _w ² 201601	P _c ² - P _w ² 353424
2			
3			
4			
5			

AOIF = Q	$\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4503$	
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Absolute Open Flow 4503	Mcf @ 15.025	Angle of Slope @ _____	Slope, n .75
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Remarks: _____

Approved By Commission	Conducted By J. J. Barnett	Calculated By J. J. Barnett	Checked By <i>CF</i>
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