

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

Form C-122
Revised 9-1-65

Will file

Type Test ☒ Initial ☐ Annual ☐ Special		Test Date 10/13/80	
Company Conoco Inc.		Connection New	
Pool S. Blanco		Formation Mesa Verde	
Completion Date 9/19/80		Total Depth 615'2"	Plug Back TD 6140'
Elevation 7180		Farm or Lease Name AXI APACHE	
Csg. Size 4.5	Wt. 10.5	d 4.052	Set At 6152
Perforations: From 5301 To 6039		Well No. M-8	
Tbg. Size 2 3/8	Wt. 4.7	d 1.992	Set At 5846'
Perforations: From None To		Unit A	Sec. 14
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single - Gas		Packer Set At None	Twp. 25N
Producing Thru Tubing		Reservoir Temp. °F 132°	Mean Annual Temp. °F 50°
Baro. Press. - P _a 12.2		State New Mexico	
L 6326	H 6326*	G _g .610	% CO ₂
% N ₂		% H ₂ S	Prover 3/4" x 6"
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.	Temp. °F	
SI	5.I. 7 DAYS						1140*		1140*		5.I.
1.	.750" x 6"						166*	65°	546*		3 hours
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, p	Rate of Flow Q, Mcfd
1	11.0		178.2	.9952	1.280	N/A	2497.01
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.										
2.										
3.										
4.										
5.										

NO.	P _c	P _w	P _w ²	P _c ² - P _w ²
1	31755.24	367.54	135067.	1192497
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.11$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.08$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2696.77$

Absolute Open Flow **2696.77** Mcfd @ 15.025 Angle of Slope θ Slope, n **.75**

Remarks: **186' Blow Down Line** **fc 9.402**

Approved By Commission:	Conducted By: RAF	Calculated By: RAF	Checked By:
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