

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 8/29/77	
Company Continental Oil Company				Formation None	
Pool South Blanco				Unit Pictured Cliff	
Completion Date 8-14-77		Total Depth 6297		Plug Back TD 6174	
Elevation 7383		Farm or Lease Name AXI Apache "N"			
Csg. Size 5 1/2		Set At 15.5		Perforations: From 3908 To 3914	
Tub. Size 2 3/8		Set At 4.7		Perforations: From To	
Type Well - Single - Hindenhead - G.G. or G.O. Multiple G.G.				Packer Set At 6000	
Producing Thru Tbg.		Reservoir Temp. °F 110° 3850		Mean Annual Temp. °F 50°	
Baro. Press. - P _a 12.2		State N.M.			
L ₁ 3865		H 3865		G _g .69	
% 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							76.0	75°	76.0	75°
1.	3/4" choke nipple			73		60°	73	60°	296	60°
2.										
3.										
4.										
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, Mc/d
1	11.00		85	1.0	1.204	Neg	1,126
2.							
3.							
4.							
5.							

NO.	P _t	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 _____ X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _t	P _w	P _r	P _e ² - P _w ²	(1) $\frac{P_e^2}{P_e^2 - P_w^2} = 1.047$	(2) $\left[\frac{P_e^2}{P_e^2 - P_w^2} \right]^n = 1.090$
1						
2		164	26,450	569034		
3						
4						
5						

Absolute Open Flow 1,171 Mc/d @ 15.025 Angle of Slope @ .85

Remarks: _____

Approved By Commission:	Conducted By: D.L. Moore	Calculated By: D.L. Moore	Checked By:
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NMOCB AZTEC (2) - USGS, DURANGO (2) - BEA-FILE