

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 9-3-76	
Company Continental Oil Co.		Connection None	
Pool South Blanco		Formation Pictured Cliffs	
Completion Date		Total Depth 3990	Plug Back TD 3985
		Elevation 7352	Farm or Lease Name AXI Apache "O"
Csg. Size 2 7/8	Wt. 6.5	Set At 3987	Perforations: From 3769 To 3837
Tbg. Size	Wt.	Set At	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	County Rio Arriba
Producing Thru Csg	Reservoir Temp. °F 111 @ 3800'	Mean Annual Temp. °F 50	Baro. Press. - P _a 12.2
L 3800	H 3800'	G _g .65	% 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. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	of Flow
1.	3/4" choke nipple			316		54			984	78	3 hr.
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.	9.604		328	1.006	1.240	1.034	4063
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

P _c 984 P _c ² 968756	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.33$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.27$
NO. P _t P _w P _w ² P _c ² - P _w ²	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 5176.6$	
1. 107584 490 240100 728156		
2.		
3.		
4.		
5.		

Absolute Open Flow <u>5,176.6</u> Mcfd @ 15.025	Angle of Slope θ _____	Slope, n <u>.85</u>
Remarks: _____		
Approved By Commission:	Conducted By: <u>F.T. Chavez</u>	Calculated By: <u>F.T. Chavez</u>
Checked By: _____		

NMOCC - AZTEC (5) USGS (2) FILE