

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 9-5-73	
Company Continental Oil Company						Connection Unconnected					
Pool South Blanco						Formation Pictured Cliffs					
Completion Date 9-5-73				Total Depth 3950' KB		Plug Back TD 3904' KB		Elevation 7302' KB		Farm or Lease Name AXI Apache "O"	
Csg. Size 4.5		Wt. 105		Set At 3949		Perforations: From 3690' To 3754' KB				Well No. 3	
Tbg. Size 1.250		Wt. 2.4		Set At 1.380		Perforations: From To				Unit Sec. Twp. Rge. M 9 25N 4W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F 107 @ 3710' GR		Mean Annual Temp. °F 12.2		Baro. Press. - P _a 12.2		State New Mexico			
L 3742		H 3742		G ₁ .680		% CO ₂		% N ₂		% H ₂ S	
								Prover 3/4"		Meters Choke Nipple	

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							925		947		S-I 7 days
1.	Choke Nipple 3/4"			59		52	59		443		3 hrs.
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, Mcfd
1	9.604		71.2	1.008	1.213	1.019	852
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1	.280	512	1.401	.964	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 ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.299$	$^{(1)} = 1.249$
1	5.069	460.2	211.8	708.3		
2.						
3.						
4.						
5.						

Absolute Open Flow <u>1064</u> Mcfd @ 15.025				Angle of Slope _____		Slope, n <u>.35</u>	
Remarks: _____							
Approved By Commission:		Conducted By: E. B. Errett		Calculated By: E. B. Errett		Checked By:	

