

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

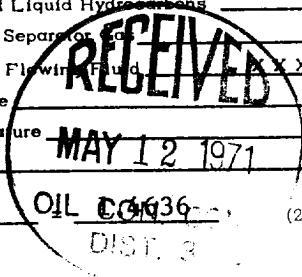
Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special						Test Date May 1, 1971			
Company Continental Oil Company				Connection					
Pool Otero				Formation Chacra				Unit	
Completion Date 4-21-71		Total Depth 3871'		Plug Back TD 3839'		Elevation 6700'		Farm or Lease Name AXI Apache "J"	
Csg. Size 4.500	Wt. 9.5	d 4.090	Set At	Perforations: From 3717' To 3738' KB				Well No. 16	
Tbg. Size 1.900	Wt. 2.75	d 1.610	Set At 3,790'	Perforations: From 3790' KB To				Unit Sec. Twp. Rge. D 7 25 5	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 113° @ 3714' GR		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico	
L	H	Gg	% CO ₂	% N ₂	% H ₂ S	Prover	Meter Run None	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
1.							729		752		168 Hrs
2.	3/4" Choke Nipple			94		66°	95		418		3 Hrs
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.							
2.	12.365		106	.9943	.9393	1.012	1238
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 764	P _c ² 583,696	(1) $\frac{P_c^2}{P_c^2 - P_w^2}$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.33065$
NO.	P _t ²	P _w	P _w ²
1		430	184,900
2			
3			
4			
5			

Absolute Open Flow 1647 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .75
Remarks: _____			
Approved By Commission:		Conducted By: E. B. Errett	Calculated By: E. B. Errett
		Checked By: J. A. Mazza	