

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 7-21-77						
Company Continental Oil Co.					Connection None						
Pool Blanco					Formation Mesa Verde						
Completion Date 7-8-77			Total Depth 6086		Plug Back TD 5986		Elevation 7212		Farm or Lease Name AXI Apache "O"		
Csg. Size 5 1/2	Wt. 15.5	d 	Set At 6080	Perforations: From 5860 To 5922				Well No. 10			
Tbg. Size 2 3/8	Wt. 4.7	d 	Set At 5912	Perforations: From Open To Ended				Unit J	Sec. 3	Twp. 25N	Rge. 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At 		County Rio Arriba				
Producing Thru Tbg		Reservoir Temp. °F 126° 5900		Mean Annual Temp. °F 50°		Baro. Press. - P _a 12.2		State N.M.			
L 5912	H 5912	Gg .70	% 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.	Temp. °F	
1.	3/4" choke nipple			99		50	1211	76°	1219	76°	34w.
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 Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	11.00		111	1.010	1.195	Negl.	1474
2.							
3.							
4.							
5.							

NO.	P _r	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 _r ²	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.044$ AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1523$ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1523$
1.	9804	249	6221		
2.	12321				
3.					
4.					

Absolute Open Flow 1,523 Mcfd @ 15.025		Angle of Slope θ _____		Slope, p. 75
Remarks: _____				
Approved By Commission:		Conducted By: _____		Calculated By: F.T.C.
Checked By: _____				

NMOP - AZTEC (2) - BEA - FILE