

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 2-27-72		RECEIVED MAR 10 1972 OIL CON COM		
Company Continental Oil Company				Connection Unconnected					
Pool Undesignated				Formation Mesa Verde			Unit		
Completion Date 2-27-72		Total Depth 5300' RB		Plug Back TD 5266' RB		Elevation 6704' GR		Farm or Lease Name AXI Apache "J"	
Csg. Size 5.500	Wt. 14#	d 5.012	Set At 5299' RB	Perforations: From 5019 To 5178' RB		Well No. 25			
Thg. Size 2.375"	Wt. 4.70#	d 1.995	Set At 4988' GRD	Perforations: From To		Unit Sec. Twp. Rge. A 7 25 5			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				Packer Set At 4988' GRD		County Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F 115°@ 5098' RB		Mean Annual Temp. °F 50°		Baro. Press. - P _a 12.2		State New Mexico	
L 4988	H 4988	Gg .680	% CO ₂ ---	% N ₂ ---	% H ₂ S ---	3/4" 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							1255	50			10 Days
1.	3/4" Choke Nipple		48			51	48	51			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 Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	9.604		60.2	1.009	1.073	1.010	632
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.	.1481	554	1.237	Est. 977	15,800 Mcf/bbl.	49 Deg.	.680	.869	663 P.S.I.A.	448 R
2.										
3.										
4.										
5.										

$P_c = 1267.2$ $P_c^2 = 1.606$					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0088$		$(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0066$	
NO.	F _t	P _w	P _w ²	P _c ² - P _w ²				
1	3.624	117.2	13,736	1,592				
2								
3								
4								
5								

$ACF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 636$					Absolute Open Flow 636 Mcfd @ 15.025		Angle of Slope @ Slope, n .75	
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Remarks: Est. 5 bbls. oil in 3 hrs.			
Approved By Commission:	Conducted By: E. B. Errett	Calculated By: E. B. Errett	Checked By: D. B. Barnes