

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 4021	Plug Back TD 3972	Elevation 7267	Farm or Lease Name AXI Apache "O"
Csg. Size 2 7/8	Wt. 6.5	d 4021	Set At 4021	Perforations: From 3796 To 3829	Well No. 9
Tbg. Size	Wt.	d	Set At	Perforations: From To	Unit Sec. Twp. Rye. 2 9 25N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At	County Rio Arriba
Producing Thru Csg		Reservoir Temp. °F 112 @ 3800	Mean Annual Temp. °F 50	Baro. Press. - P _a 12.2	State N.M.
3800	H 3800	Gg .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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI									894	75	
1.	3/4 choke nipple			81		56			81	56	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		93	1.004	1.240		1112
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	$(1) \frac{P_r^2}{P_r^2 - P_w^2} = 1.01$ $(2) \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.01$
1	8649	93	8649	790587	
2.					
3.					
4.					
5.					

$AOF = Q \left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1122$			
Absolute Open Flow 1122		Mcf/d @ 15.025	Angle of Slope @ _____
Slope, n .85			
Remarks: _____			

Approved By Commission:	Conducted By: F.T. Chavez	Calculated By: F.T. Chavez	Checked By:
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NMDAR - AZTEC (5) USGS (2) FILE