

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 10/17/80	
Company Conoco Inc.			Connection New		
Pool S. Blanco			Formation Mesa Verde		Unit L
Completion Date 9/16/80		Total Depth 6292'	Plug Back TD 6292'	Elevation 7381	Farm or Lease Name AXI Apache
Csg. Size 4 1/2	Wt. 10.5	d 4.052	Set At 6292'	Perforations: From 5512 To 5758	
Teg. Size 23/8	Wt. 4.7	d 1.995	Set At 6039'	Perforations: From OPEN To ENDED	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas				Packer Set At None	County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F 133°	Mean Annual Temp. °F 55°	Baro. Press. - P _g 12.2	State N.M.
L 6217*	H 6217*	G _g .610	% CO ₂	% N ₂	% H ₂ S
			Prover 3/4" x 6"	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	5.I. 7 DAYS						953#		960#		S.I.
1.	.750 x 6" Choke						108#	54°	515#		3 HOURS
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	11.0		120.2	1.005	1.280	N/A	1700.87
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	P _w	R _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1	972.2	945.72.8			1.069	1.05
1	14448.0	248.28	61645.5	883527.3		
2						
3						
4						
5						

ADP = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$ **1785.9**

1785.9

Absolute Open Flow	1785.9	Mcfd @ 15.025	Angle of Slope θ	Slope, n .75
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Remarks: **186' Blowdown Line***

Approved By Commission:	Conducted By: RAF	Calculated By: RAF	Checked By:
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