

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

Form C-122
 Revised 9-1-65

RECEIVED
 OCT 21 1983

Type Test ☒ Initial ☐ Annual ☒ Special				Test Date 10-14-83		OIL CON. DIV. DIST. 3	
Company Amoco Production Company				Connection Gas Co. of New Mexico			
Pool Blanco				Formation Mesaverde		Unit	
Completion Date 9-26-83		Total Depth 6331'		Plug Back TD 6260'		Elevation 7179	
Farm or Lease Name Jicarilla Apache 102							
Csg. Size 4.500	Wt. 11.6	d 4.000	Set At 6331	Perforations: From 5642 To 6226		Well No. 4A	
Thq. Size 2.375	Wt. 4.7	d 1.995	Set At 6213	Perforations: From Open To Ended		Unit Sec. Twp. Rge. D 4 26 4	
Type Well - Single - Bradenhead - G.C. or G.O. Multiple Single				Packer Set At None		County Rio Arriba	
Producing Thru Tubing		Reservoir Temp. °F 8		Mean Annual Temp. °F		State New Mexico	
L	H	Gg	% 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	16 days						1112		1112		
1.	2.375		.750				208		768		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 F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		220	1.000	.9258	1.026	2584
2.							
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 _____ XXXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P _c 1124	P _c ² 1263376	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9335$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.6397$	
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²
1		781	609961	653415
2				
3				
4				
5				

AOI = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4237$

Absolute Open Flow 4237 Mcfd @ 15.025		Angle of Slope @ _____	Slope, n .75
Remarks: Med. H2O - very lite oil.			
Approved By Commission	Conducted By J.J. Barnett	Calculated By J.J. Barnett	Checked By