

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 4/29/81	
Company Amoco Production Company				Connection Northwest Pipeline Corp.		
Pool B S Mesa				Formation Gallup		Unit
Completion Date 4/11/81		Total Depth 8407		Plug Back TD 8385		Elevation 7110 GL
Farm or Lease Name Jicarilla Apache 102						
Csq. Size 4.500	Wt. 10.5	d 4.052	Set At 8407	Perforations: From 7676 To 7688		Well No. 7E
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 8358	Perforations: From sliding To sleeve		Unit Sec. Twp. Hgt. D 3 26N 4W
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Multiple (Commingle)				Packer Set At 8006		County Rio Arriba
Producing Thru Tubing		Reservoir Temp. °F ρ		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	Duration of Flow
SI	7 days						1390		1390		
1.	2.375		.750				20		350		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. Comp. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		32	1.000	.9258	1.005	368
2.							
3.							
4.							
5.							

NO.	P _r	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											X X X X X		P.S.I.A.		P.S.I.A.	
2.													R		R	
3.																
4.																
5.																

NO.	P _r	P _w	P _w ²	P _r ² - P _w ²	(1) $\frac{P_r^2}{P_r^2 - P_w^2} =$	(2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n =$
1		362	131044	1834560	1.0714	1.0531
2.						
3.						
4.						
5.						

Absolute Open Flow <u>388</u> Mcfd @ 15.025 Angle of Slope θ Slope, n <u>.75</u>			
Remarks: <u>lite oil & H₂O spray</u>			
Approved By Commission:		Conducted By: JJB	Calculated By: J J BARNETT
		Checked By:	