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

Form C-122
Revised 9-1-65

Type Test: [XX] Initial [ ] Annual [X] Special			Test Date: 3/13/81	
Company: Amoco Production Company	Connection: El Paso Natural Gas Company			
Pool: Basin	Formation: Dakota		Unit	
Completion Date: 2/20/81	Total Depth: 6132	Plug Back TD: 6090	Elevation: 5406 GL	Farm or Lease Name: Gallegos Canyon Unit Com G
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 6132	Perforations: From 5910 To 6034			Well No.: 179E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6047	Perforations: From open To ended			Unit: J / Sec.: 26 / Twp.: 29 / Rge.: 12
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single	Packer Set At: None			County: San Juan
Producing Thru: tubing	Reservoir Temp. °F:	Mean Annual Temp. °F	Baro. Press. – P_a	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.70						

	FLOW DATA				TUBING DATA		CASING DATA		
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	13 days					665		680		
1.	2.375	.750				160	60°	470		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	12.365		172	1.000	.9258	1.020	
2.							
3.							
4.							
5.							

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NO.	P_t	Temp. °R	T_t	Z
1.				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
Specific Gravity Separator Gas _____ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 692 P_c^2 478864

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		482	232324	246540
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9423$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6453$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3304$

Absolute Open Flow 3304 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .75

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	R. A. CONNER	R. A. CONNER	