STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-122
Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 8-26-82	
Company: El Paso Natural Gas Company			Connection: Northwest Pipeline Corp.		
Pool: Tapacito			Formation: Pictured Cliffs		Unit: San Juan 27-4 Unit
Completion Date: 8-19-82	Total Depth: 3804		Plug Back TD: 3787	Elevation: 6821 GR	Farm or Lease Name: San Juan 27-4 Unit
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.065 / Set At: 3804			Perforations: From 3685 To 3761		Well No.: #148
Tbg. Size: 1.660 / Wt.: 2.40 / d: 1.380 / Set At: 3724			Perforations: From To		Unit: K / Sec.: 5 / Twp.: 27 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Tbg.			Packer Set At: 12.0		County: Rio Arriba
Producing Thru	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

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						361		1058		7 Days
1.										
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							
2.							
3.							
4.							
5.							

NO.	P_t	Temp. °R	T_r	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

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

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

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

Absolute Open Flow _____ Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved by Division	Conducted By: Laval Baird	Calculated By: Bill Clark	Checked By: