OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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: 10-13-80	
Company: El Paso Natural Gas Company		Connection:			(OWWO)
Pool: Blanco		Formation: Mesa Verde			Unit:
Completion Date: 10-6-80	Total Depth: 5437	Plug Back TD: 5415	Elevation:		Farm or Lease Name: Atlantic C
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 5432		Perforations: From 4960 To 5370			Well No.: #6
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 5358		Perforations: From To			Unit: L / Sec.: 6 / Twp.: 30 / Rge.: 10
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tbg.	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12		State: New Mexico
L	H	Gg	% CO_2	% N_2	% H_2S / Prover / Meter Run / Taps

FLOW DATA

NO.	Prover - Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI							431		746		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_w	P_c^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 .75

Remarks: ___

Approved by Division	Conducted By:	Calculated By:	Checked By:
	Gage Archibeque		