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 [X] Special				Test Date: 1-10-83	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: Basin		Formation: Dakota		Unit	
Completion Date: 12-21-82	Total Depth: 6549	Plug Back TD: 6504	Elevation: 6023 GL	Farm or Lease Name: Gallegos Canyon Unit	
Csg. Size: 4.500 / Wt.: 11.6 / d: 4.000 / Set At: 6549		Perforations: From 6326 To 6455		Well No.: 95E	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 6468		Perforations: From open To ended		Unit: P / Sec.: 31 / Twp.: 28 / Rge.: 11	
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

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	11 Days				1225		1250		
1.	2.375 .750				96		407		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		108	1.000	.9258	1.012	1251
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

P_c 1262 P_c^2 1592644

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		419	175561	1417083
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1239$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0915$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1366$

Absolute Open Flow 1366 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	J. J. Barnett	J. J. Barnett	