NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 12-26-85	
Company: El Paso Natural Gas Co.			Connection:		
Pool: Basin			Formation: Dakota		Unit:
Completion Date: 12-26-85	Total Depth: 6628		Plug Back TD: 6611	Elevation: 5568 GR	Farm or Lease Name: Montgomery
Csg. Size: 4.500	Wt.: 10.5	d: 4.052	Set At: 6625	Perforations: From 6370 To 6562	Well No.: #2E
Tbg. Size: 1.900	Wt.: 2.9	d: 1.610	Set At: 6532	Perforations: From To	Unit: F Sec.: 17 Twp.: 30 Rge.: 11
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 Mexcio
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											
1.							1982		1936		7 Days
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

P_c _____ P_c^2 _____

NO.	P_t^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 $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n =$ _____

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

Remarks: ____

Approved by Commission:	Conducted By: Don Norton	Calculated By: Scott Lindsey	Checked By: kld