NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 10-25-85	
Company: El Paso Natural Gas			Connection:		
Pool: S. Blanco			Formation: Pictured Cliffs		Unit:
Completion Date: 10-25-85	Total Depth: 3248		Plug Back TD: 3237	Elevation: 6716 GR	Farm or Lease Name: Howell F
Csg. Size: 2.7/8 / Wt.: 6.4 / d: 2.441 / Set At: 3248			Perforations: From 3120 To 3207		Well No.: #3
Tbg. Size: Tubingless Completion / Wt. / d / Set At			Perforations: From To		Unit: N / Sec.: 01 / Twp.: 27 / Rge.: 08
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Csg.	Reservoir Temp. °F: @	Mean Annual Temp. °F	Baro. Press. – P_a: 12		State: New Mexico
L / H / Gg: .670	% 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										
1.								843		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							

RECEIVED
NOV 05 1985
OIL CON. DIV.
DIST. 3

NO.	P_r	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	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 Commission:	Conducted By:	Calculated By:	Checked By:
	E. Minert	Cliff Brock	kld