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: 2-25-80	
Company: El Paso Natural Gas Co.		Connection:			
Pool: Blanco		Formation: Mesa Verde		Unit:	
Completion Date: 2-16-80	Total Depth: 4810	Plug Back TD: 4792	Elevation:	Farm or Lease Name: Riddle E	
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.052 / Set At: 4810		Perforations: From 3756 To 4760		Well No.: E #3A	
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 4742		Perforations: From To		Unit: F / Sec.: 20 / Twp.: 28 / Rge.: 8	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At:		County: San Juan	
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					697		899		9 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) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right] =$ _____

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

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DIST. 3

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

Approved By Division	Conducted By: N. Waggoner	Calculated By: C.R. Wagner	Checked By: