STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Revised 10-1-78

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test: [x] Initial [ ] Annual [x] Special				Test Date: 4-16-82	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: Blanco		Formation: Mesaverde		Unit	
Completion Date: 03 26 82	Total Depth: 6552	Plug Back TD: 6494	Elevation: 5537 GL	Farm or Lease Name: Valencia Gas Com "B"	
Csg. Size: 7.000 / Wt.: 26 / d: 6.276 / Set At: 6552		Perforations: From 3664 To 4328		Well No.: 1M	
Tbg. Size: 2.063 / Wt.: 3.25 / d: 1.751 / Set At: 4318		Perforations: From open To ended		Unit: K / Sec.: 18 / Twp.: 29N / Rge.: 9W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Dual		Packer Set At: 4430		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	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	7 Days					798		802		
1.	2.375	.750				95		460		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		107	1.000	.9258	1.013	1241
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

OIL CON. DIV.
DIST. 3

P_c 814 P_c^2 662596

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		472	222784	439812
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5065$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3593$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1686$

Absolute Open Flow 1686 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	