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: 12/13/86	
Company: Union Texas Petroleum Corp.	Connection: Gas Co. of New Mexico			Unit
Pool: Blanco	Formation: Mesaverde			
Completion Date: 12/4/86	Total Depth: 5950	Plug Back TD: 5907	Elevation: 6741 GL	Farm or Lease Name: Jicarilla "G"
Csg. Size: 7.000 / 4.500 — Wt.: 23.0 / 10.5 — d: 6.366 / 4.052 — Set At: 3720 / 3388-5949		Perforations: From 5088 To 5791		Well No.: 8A
Tbg. Size: 2.375 — Wt.: 4.7 — d: 1.995 — Set At: 5753		Perforations: From 5723 To 5729		Unit: P — Sec.: 2 — Twp.: 26N — Rge.: 5W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single-Gas		Packer Set At:		County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F:	Mean Annual Temp. °F:	Baro. Press. – P_a: 12	State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
5723		0.680						

	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	2"	3/4"				874		865		7 Days
1.						252	69°	583	69°	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	12.3650		264	0.9916	0.9393	1.029	3128
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r
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 886 P_c^2 784,996

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		595	354,025	430,971
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8215$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.5679$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4904$

Absolute Open Flow 4904 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n 0.75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Bruce Voiles	John C. Rector	