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: 1/9/87	
Company: Union Texas Petroleum Corp.	Connection: Union Texas Petroleum Corp.			Unit
Pool: Blanco	Formation: Mesaverde			
Completion Date: 12/30/86	Total Depth: 4540	Plug Back TD: 4496	Elevation: 5605 GL	Farm or Lease Name: Albright
Csg. Size: 7.000 / 4.500	Wt.: 23.0 / 10.5	d: 6.366 / 4.052	Set At: 2161 / 1898-4496	Perforations: From 4004 To 4361
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 4303	Perforations: From 4271 To 4277
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single - Gas			Packer Set At:	County: San Juan
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
4271		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"				1018		1020		7 Days
1.						237	62°	721	62°	3 Hours
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		239	0.9981	0.9393	1.026	2843
2							
3							
4							
5							

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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid _____ XXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

JAN 16 1987
OIL CON. DIV.

P_c 1032 P_c^2 1,065,024

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		733	537,289	527,735
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.0181$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.6931$

$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4813$

Absolute Open Flow 4813 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.75

Remarks: _____

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Bennie Brown	John C. Rector	