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: 1/13/87	
Company: Union Texas Petroleum Corp.		Connection: Gas Co of New Mexico			
Pool: Blanco		Formation: Mesaverde		Unit	
Completion Date: 12/19/87	Total Depth: 6120	Plug Back TD: 6084	Elevation: 7270 GL	Farm or Lease Name: McCroden	
Csg. Size: 7.000 / 4.500	Wt.: 23.0 / 10.5	d: 6.366 / 4.052	Set At: 4174 / 3913-6120	Perforations: From 5951 To 6022	Well No.: 8
Tbg. Size: 2.375	Wt.: 4.7	d: 1.995	Set At: 5999	Perforations: From 5967 To 5973	Unit: L, Sec.: 3, Twp.: 25N, Rge.: 3W
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: 5967	H:	Gg: 0.700	% 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	2"		3/4"				1078		1086		7 Days
1.							204	58°	507	58°	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		216	1.0019	0.9258	1.027	2544
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 _____
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
JAN 15 1987
OIL CON. DIV.
DIST. 3

P_c 1098 P_c^2 1,205,604

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		519	269,361	936,243
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2877$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2088$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3075$

Absolute Open Flow 3075 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n 0.75

Remarks: _____

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