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

RECEIVED
FEB 13 1985
OIL CON. DIV
DIST. 3

Type Test: [X] Initial [ ] Annual [ ] Special			Test Date: 1/25/85
Company: Union Texas Petroleum Corp.	Connection: Gas Company of New Mexico		
Pool: ~~Tapacito~~ Blanco Basin	Formation: ~~Gallup~~ MV Dak	Unit	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
12/28/84	7487	7386	6665	Jicarilla "J"

Csg. Size	Wt.	d	Set At	Perforations: From	Well No.
4.500	10.50	4.052	7487	4918-5161 MV 5239-5401 MV ~~6551-6718 Gal~~ 7194-7385 Dak	12-E

Tbg. Size	Wt.	d	Set At	Perforations: From	Unit	Sec.	Twp.	Rge.
2.375	4.70	1.995	7263	Open Ended	M	35	26N	5W

Type Well – Single – Bradenhead – G.C. or G.O. Multiple	Packer Set At	County
Single (3 zones commingled)	NA	Rio Arriba

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
Tubing			12	New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
7257		0.650						

NO.	Prover Line Size	X Orifice Size	Flow Press. p.s.i.g.	Diff. h_w	Flow Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI	2"	3/4"				871		1121		7 days
1.						222	74°	671		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		234	.9868	.9608	1.022	2804
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 ______ XXXXXXXXXX
Specific Gravity Flowing Fluid XXXXX ______
Critical Pressure ______ P.S.I.A. ______ P.S.I.A.
Critical Temperature ______ R ______ R

P_c 1133 P_c^2 1,283,689

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		683	466,489	817,200
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.5708$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.4030$

$$AOF = Q\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3934$$

Absolute Open Flow 3934 Mcfd @ 15.025 Angle of Slope θ ______ Slope, n 0.75

Remarks: MV 2804 x 38% = 1066 Well made estimated 60 MV 60 x 45% = 27
Gal 2804 x 12% = 336 bbl. of condensate per day. Gal 60 x 15% = 9
Dak 2804 x 50% = 1402 Dak 60 x 40% = 24

Approved By Division	Conducted By:	Calculated By:	Checked By:
	John Rector	Barbara Norman	