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 [x] Special				Test Date: 12-3-82	
Company: Amoco Production Company		Connection: El Paso Natural Gas Company			
Pool: Basin		Formation: Dakota			Unit
Completion Date: 11-6-82	Total Depth: 8006	Plug Back TD: 7962	Elevation: 6839		Farm or Lease Name: Jicarilla Apache 102
Csg. Size: 4.500 / Wt.: 10.5 / d: 4.012 / Set At: 8006		Perforations: From open To ended			Well No.: 11E
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 7883		Perforations: From 7710 To 7902			Unit: N / Sec.: 10 / Twp.: 26 / Rge.: 4
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: None			County: Rio Arriba
Producing Thru: Tubing	Reservoir Temp. °F: 0	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico

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

NO.	FLOW DATA: Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	17 Days				1530		1530		
1.	2.375 X .750				24		250		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		36	1.000	.9258	1.004	414
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

P_c 1545 P_c^2 2387025

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		262	68644	2318381
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.0296$

(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.0221$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 423$

Absolute Open Flow 423 Mcfd @ 15.025 Angle of Slope θ _____

Remarks: _____

RECEIVED
DEC 10 1982
OIL CON. DIV.
DIST. 3

Approved By Division	Conducted By:	Calculated By: T. T. Barnett	Checked By: