NEW MEXICO OIL CONSERVATION COMMSSION

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test: [X] Initial [ ] Annual [ ] Special				Test Date: 1-3-79	
Company: Amoco Production Company		Connection			
Pool: Aztec		Formation: Pictured Cliff			Unit
Completion Date: 12-28-78	Total Depth: 2652	Plug Back TD: 2608		Elevation: 5792	Farm or Lease Name: Wallace Gas Com
Csg. Size: 4.50 / Wt.: 10.5 / d: 4.052 / Set At: 2651		Perforations: From 2415 To 2488			Well No.: 3
Tbg. Size: 2.375 / Wt.: 4.7 / d: 1.995 / Set At: 2504		Perforations: From Open To Ended			Unit: H / Sec.: 35 / Twp.: 31N / Rge.: 11W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: None		County: San Juan
Producing Thru: Tubing	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a		State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
.		.65						

	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	7 days					690		690		
1.	2.375	.750				217	60	322		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		229	1.0	.9608	1.024	2786
2.							
3.							
4.							
5.							

NO.	P_t	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 702 P_c^2 492804

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		334	111556	381248
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2926$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.2438$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3465$

Absolute Open Flow 3465 Mcfd @ 15.025 Angle of Slope θ _____ Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
	R. A. Conners	R. A. Conners	J. L. Krupka