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: 12-[illegible]-68	
Company: Aztec Oil and Gas	Connection: [illegible]		
Pool: [illegible]	Formation: [illegible]		Unit:
Completion Date: [illegible]-68	Total Depth: [illegible]	Plug Back TD:	Elevation:
Csg. Size: [illegible]	Wt.: [illegible]	d:	Set At:	Perforations: From [illegible] To [illegible]
Tbg. Size: [illegible]	Wt.: [illegible]	d:	Set At:	Perforations: From [illegible] To
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At:	Unit Sec. Twp. Rge.: K-31-32N-11W
Producing Thru: [illegible]	Reservoir Temp. °F @	Mean Annual Temp. °F: [illegible]	Baro. Press. – P_a	County: San Juan
L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps	State: New Mexico

FLOW DATA / TUBING DATA / CASING DATA

NO.	Prover Line Size X Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	Tubing Press. p.s.i.g.	Tubing Temp. °F	Casing Press. p.s.i.g.	Casing Temp. °F	Duration of Flow
SI					[illegible]		[illegible]		
1.	2 x 3/4				[illegible]	3005	330	60 est	3 hr.
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		[illegible]	1.000	.9258	1.009	700
2							
3							
4							
5							

NO.	P_r	Temp. °R	T_r	Z
1				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons ______ Deg.
Specific Gravity Separator Gas ______ X X X X X X X X X
Specific Gravity Flowing Fluid X X X X X
Critical Pressure ______ P.S.I.A. ______ P.S.I.A.
Critical Temperature ______ R ______ R

P_c [illegible] P_c^2 877 969

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	3364	72	5131	872838
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2}$ = 1.0058

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

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n$ = 703

Absolute Open Flow 703 Mcfd @ 15.025 | Angle of Slope Θ ______ | Slope, n [illegible]

Remarks: ______

Approved By Commission:	Conducted By:	Calculated By: [signature]	Checked By:

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DIST. 3