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: 2/22/68	
Company: Aztec Oil and Gas			Connection: Southern Union Gas		
Pool: Fulcher Kutz			Formation: Pictured Cliffs		Unit
Completion Date	Total Depth: 1870		Plug Back TD: 1865	Elevation: 5817	Farm or Lease Name: Aztec
Csg. Size: 3½ / Wt.: 6.9 / d: / Set At: 1870			Perforations: From 1832 To 1848		Well No.: 6
Tbg. Size: 1" / Wt.: 1.7 / d: / Set At: 1855			Perforations: From 1855 To open ended		Unit: P / Sec.: 14 / Twp.: 28N / Rge.: 11W
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: single			Packer Set At		County: San Juan
Producing Thru: casing	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

	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						297		304		7 days
1.		3/4				209		9		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	12.3650		21	1.000	1.000	1.000	260
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 _____ XXXXXXXXX
Critical Pressure _____ P.S.I.A. _____ P.S.I.A.
Critical Temperature _____ R _____ R

RECEIVED
MAR 5 1968
OIL CON. COM.
DIST. 3

P_c 316 P_c^2 99,856

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		221	48,841	51,015
2				
3				
4				
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.9573$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.7697$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 460$

Absolute Open Flow 460 Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n .85

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By:	Checked By: