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: 10/7/67		
Company: Aztec Oil and Gas		Connection: Southern Union Gathering			
Pool: Blanco		Formation: Mesaverde		Unit	
Completion Date: 9/29/67	Total Depth: 7180	Plug Back TD: 7148	Elevation: 5880 Gl	Farm or Lease Name: Pierce	
Csg. Size: 3½" / Wt.: 7.7# / d / Set At: 7179		Perforations: From 4792 To 5064		Well No.: 2	
Tbg. Size: 1½" / Wt.: 2.75# / d / Set At: 6779		Perforations: From open ended To		Unit: K / Sec.: 30 / Twp.: 31N / Rge.: 10W	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: G. G. Dual		Packer Set At: 6787		County: San Juan	
Producing Thru: csg.	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

NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA Press. p.s.i.g.	TUBING DATA Temp. °F	CASING DATA Press. p.s.i.g.	CASING DATA Temp. °F	Duration of Flow
SI	2"		3/4"						719		
1.									192	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		204	1.000	.9258	1.025	2393
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 _____ XXXXXXXXX
Specific Gravity Flowing Fluid XXXXX
Critical Pressure _____ P.S.I.A. P.S.I.A.
Critical Temperature _____ R R

P_c 731 P_c^2 534,361

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1	41,616	1,141,094		
2				
3				
4				
5				

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

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

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DIST. 3

Absolute Open Flow Unable to figure Mcfd @ 15.025 | Angle of Slope θ _____ | Slope, n _____

Remarks: _____

Approved By Commission:	Conducted By:	Calculated By: Jim C Thomas	Checked By: