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: 5-24-85	
Company: Amoco Production Company			Connection:		
Pool: Bravo Dome Carbon Dioxide Gas Unit 640-acre area			Formation: Tubb		Unit: BDCDGU
Completion Date: 9-8-84	Total Depth: 2914		Plug Back TD: 2800'	Elevation: 4752'	Farm or Lease Name:
Csg. Size: 7" / Wt.: 20# / d:	Set At: 2921		Perforations: From 2506' To 2546'		Well No.: 1834 201G
Tbg. Size: 3-1/2" / Wt.: 9.3# / d:	Set At: 2411		Perforations: From To		Unit: G / Sec.: 20 / Twp.: 18 / Rge.: 34
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single			Packer Set At: 2380		County: Union
Producing Thru: Tubing	Reservoir Temp. °F: 94° @ 2526'		Mean Annual Temp. °F: 50	Baro. Press. – P_a: 12.2	State: New Mexixo

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
2526'	2526'	1.5229	100	0	0		4.0"	Flange

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					361				
1.	4.026 x 1.625	230	37	58	242.2	50			24 hrs
2.	4.026 x 1.625	238	32	59	250.2	50			24 hrs
3.	4.026 x 1.625	261	21	59	273.2	50			24 hrs
4.	4.026 x 1.625	283	13	60	295.2	50			24 hrs
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							1021
2							971
3							835
4							691
5							

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

Gas Liquid Hydrocarbon Ratio: 0 Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: 0 Deg.
Specific Gravity Separator Gas: 1.529 XXXXXXXXX
Specific Gravity Flowing Fluid: XXXXX
Critical Pressure: 1072 P.S.I.A. ____ P.S.I.A.
Critical Temperature: 547 R ____ R

P_c 373.2 P_c^2 139.279

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		242.2		80.617
2		250.2		76.678
3		273.2		64.640
4		295.2		52.135
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.73$

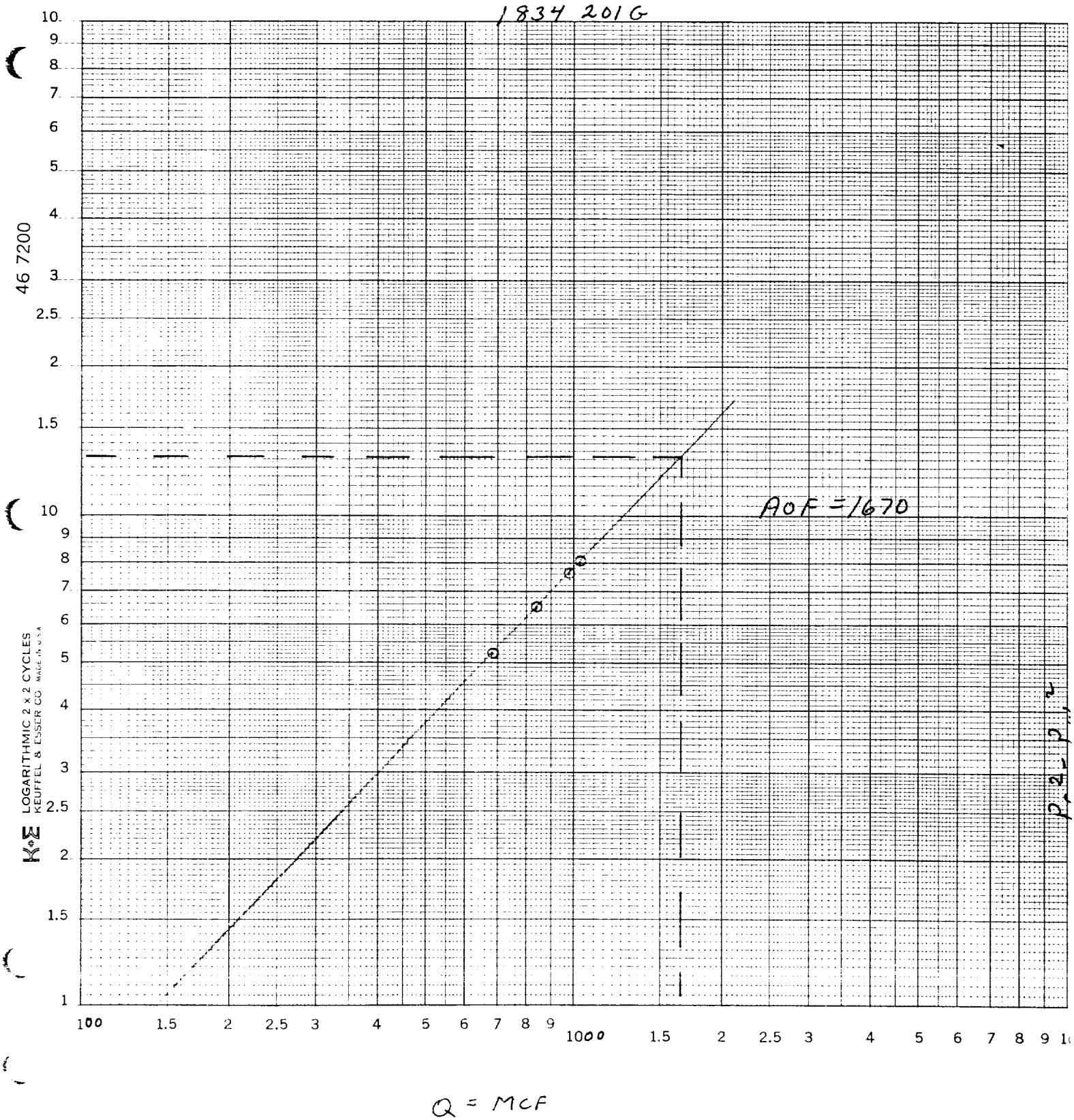
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.64$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1670$

Absolute Open Flow: 1670 Mcfd @ 15.025
Angle of Slope θ: ____
Slope, n: .90

Remarks: ____

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		D. D. Kimble	


1834 201G
46 7200
LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO MADE IN U.S.A.
AOF = 1670
Q = MCF