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: 5-15-85

Company: Amoco Production Company	Connection:		
Pool: Bravo Dome Carbon Dioxide Gas Unit 640-acre area	Formation: Tubb		Unit: BDCDGU
Completion Date: 12-20-83	Total Depth: 2881'	Plug Back TD: 2747'	Elevation: 4618' GL
Farm or Lease Name:			
Csg. Size: 7" / Wt.: 20# / d: / Set At: 2881'	Perforations: From 2412' To 2474'		Well No.: 1834 361G
Tbg. Size: 3-1/2" / Wt.: 9.3# / d: / Set At: 2443'	Perforations: From To		Unit: G / Sec.: 36 / Twp.: 18 / Rge.: 34
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single	Packer Set At: 2342		County: Union
Producing Thru: Tubing	Reservoir Temp. °F: 93@ 2443	Mean Annual Temp. °F: 50	Baro. Press. – P_a: 12.2
			State: New Mexico

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
2443	2443	1.529	100	0	0		4.0"	Flange

	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					338				
1.	4.026 x 1.75	223	52	60	235.2	50			24 hrs
2.	4.026 x 1.75	250	31	60	262.2	50			24 hrs
3.	4.026 x 1.75	274	19	61	286.2	50			24 hrs
4.	4.026 x 1.75	297	11	60	309.2	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							
2.							1347
3.							1131
4.							943
5.							741

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 350.2 P_c^2 122.640

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		235.2		67.321
2		262.2		53.891
3		286.2		40.730
4		309.2		27.035
5				

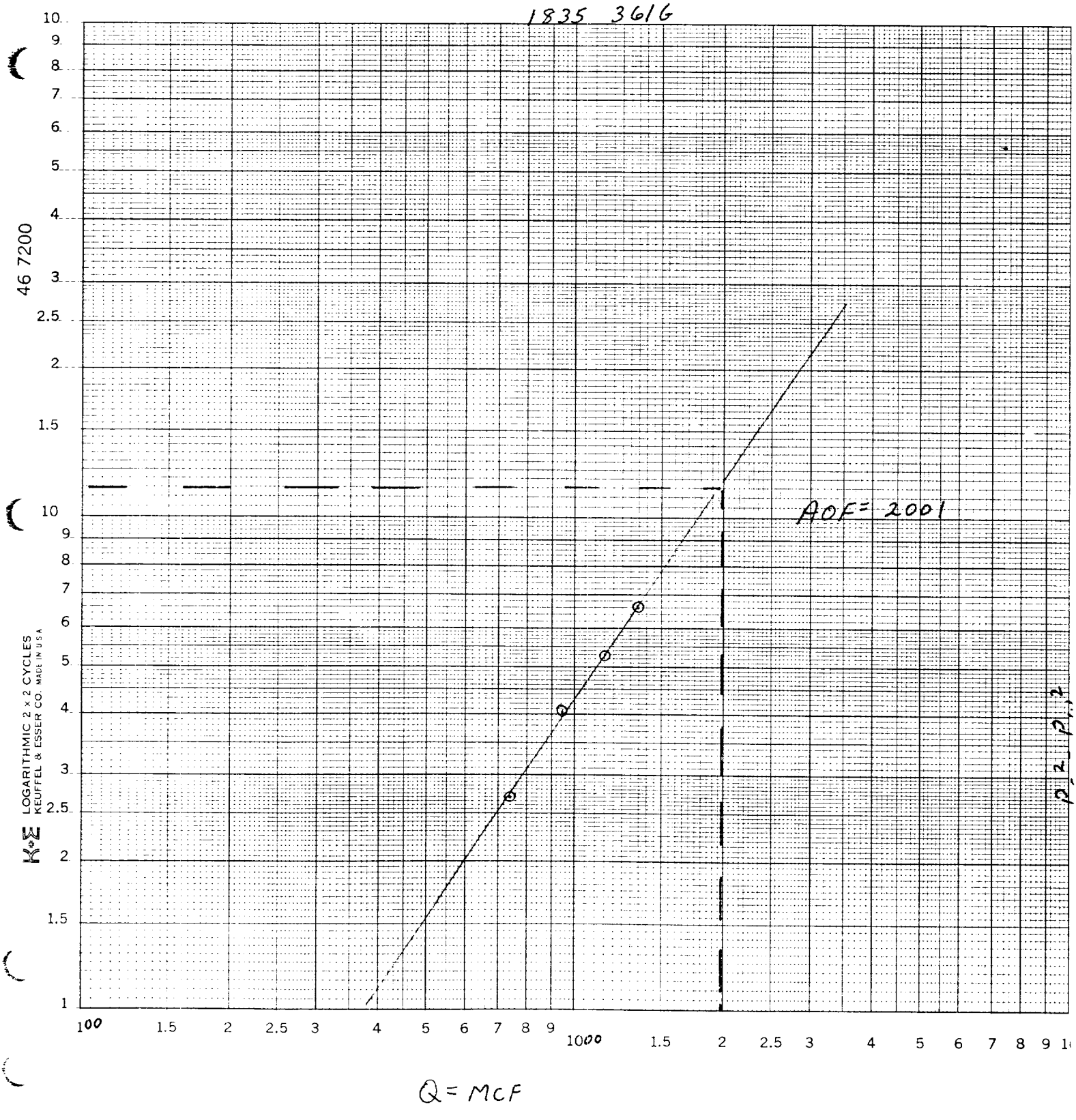
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.82$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.486$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2001$

Absolute Open Flow 2001 Mcfd @ 15.025 Angle of Slope θ ____ Slope, n .66

Remarks:

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


1835 3616
46 7200
AOF= 2001
LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
Q = MCF