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: 6-8-85	
Company: Amoco Production Company		Connection:			
Pool: Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area		Formation: Tubb			Unit: BDCDGU
Completion Date: 1-11-84	Total Depth: 2642'	Plug Back TD: 2538'	Elevation: 4490 GL	Farm or Lease Name:	
Csg. Size: 7" / Wt.: 20# / d: / Set At: 2642'		Perforations: From 2043' To 2150'		Well No.: 1835 011C	
Tbg. Size: 3-1/2" / Wt.: 9.3# / d: / Set At: 1982'		Perforations: From To		Unit: C / Sec.: 1 / Twp.: 18 / Rge.: 35	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: 1943'		County: Union	
Producing Thru: Tubing	Reservoir Temp. °F: @ 2096'	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
2096'	2096'	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					333				
1.	4.026 x 2.125	277	20	63	289.2	50			24 hrs.
2.	4.026 x 2.125	286	16	63	298.2	50			24 hrs.
3.	4.026 x 2.125	295	12	62	307.2	50			24 hrs.
4.	4.026 x 2.125	311	6	61	323.2	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							4414
2							1266
3							1116
4							835
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 345.2 P_c^2 119.2

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		289.2		35.526
2		298.2		30.240
3		307.2		24.791
4		323.2		14.705
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.354$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2.067$

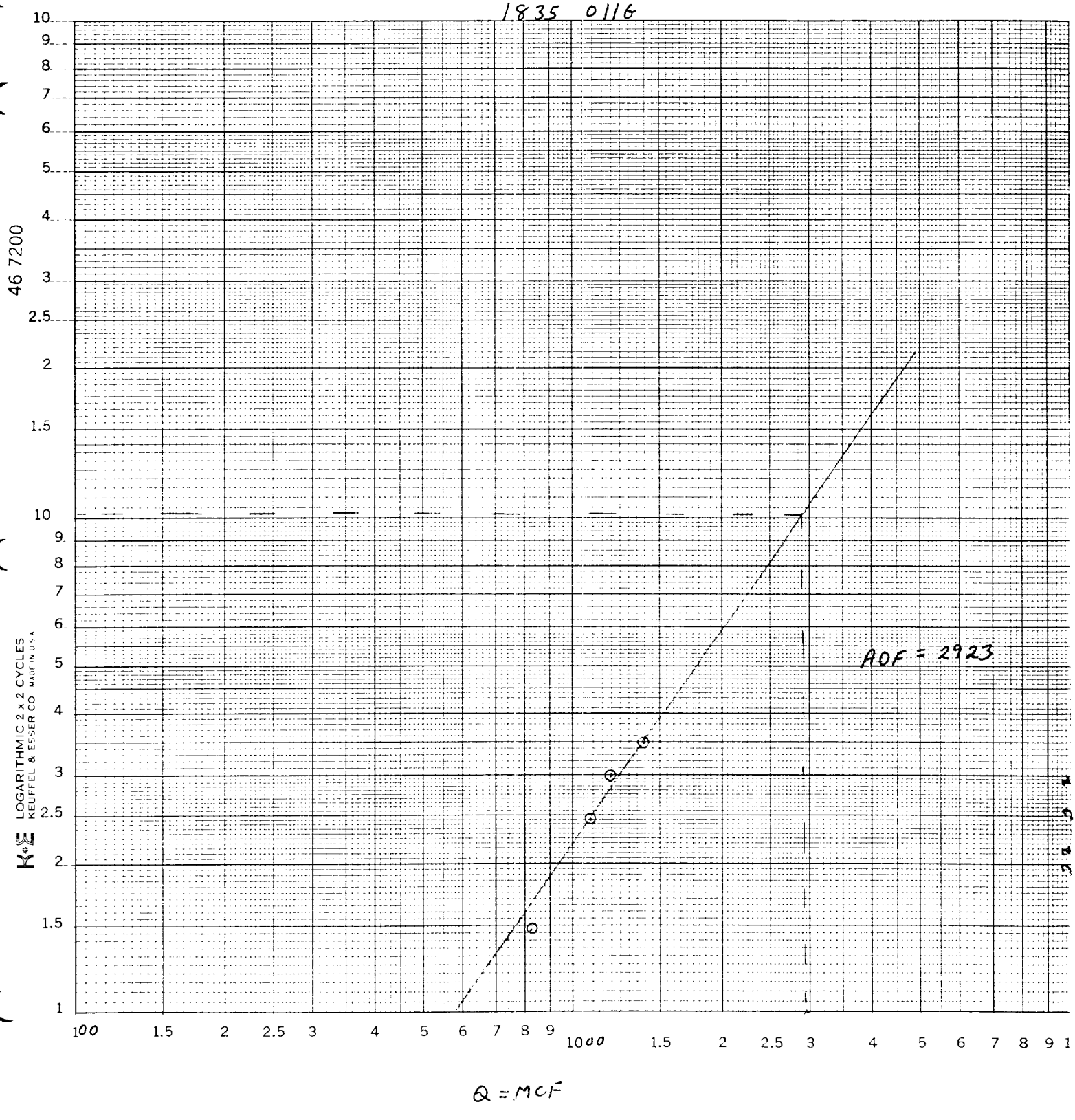
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2923$

Absolute Open Flow 2923 Mcfc @ 15.025 | Angle of Slope θ | Slope, n .60

Remarks:

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

1835 0116


46 7200
LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO MADE IN U.S.A.
AOF = 2923
Q = MCF