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: 8-22-84	Total Depth: 2812'	Plug Back TD: 2693'	Elevation: 4615'		Farm or Lease Name:
Csg. Size: 7" / Wt.: 20# / d: / Set At: 2798		Perforations: From 2378' To 2458'			Well No.: 1835 211F
Tbg. Size: 3-1/2" / Wt.: 9.3# / d: / Set At: 2277'		Perforations: From To			Unit: F / Sec.: 21 / Twp.: 18 / Rge.: 35
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: 2246			County: Union
Producing Thru: Tubing	Reservoir Temp. °F: 91° @ 2418'	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
2418'	2418'	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					323				
1.	4.026 x 1.625	221	38	59	233.2	50			24 hrs
2.	4.026 x 1.625	238	26	59	250.2	50			24 hrs
3.	4.026 x 1.625	268	15	59	280.2	50			24 hrs
4.	4.026 x 1.625	294	7	61	306.2	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							1004
2							896
3							705
4							513
5							

NO.	P_t	Temp. °R	T_t	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 335.2 P_c^2 112.359

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		233.2		57.977
2		250.2		49.759
3		280.2		33.847
4		306.2		18.600
5				

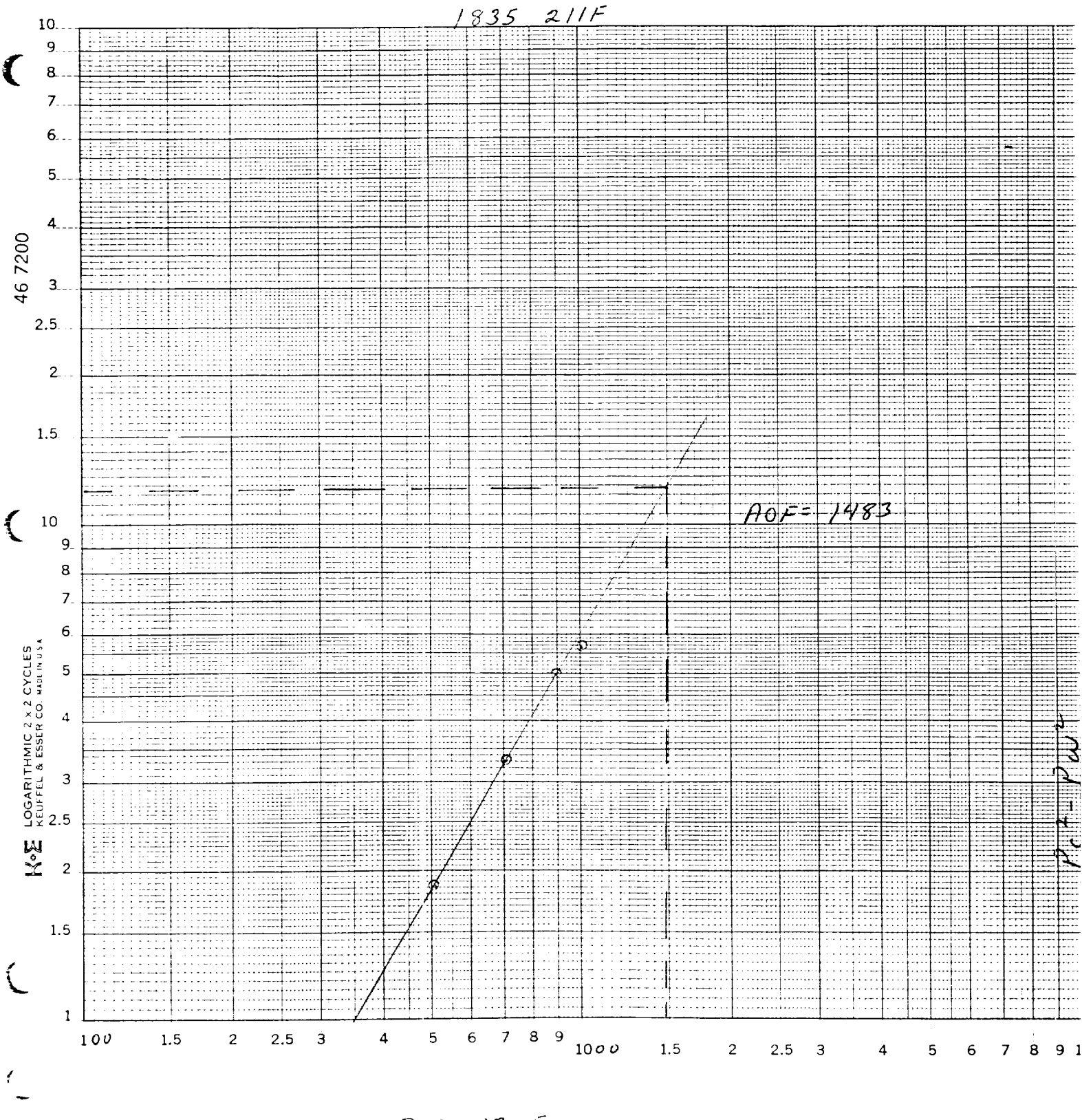
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.94$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.48$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1483$

Absolute Open Flow 1483 Mcfd @ 15.025 Angle of Slope θ Slope, n .59

Remarks:

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


1835 211F
AOF = 1483
46 7200
KE LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
Pc² - Pw²
Q = MCF