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: 12-13-83	Total Depth: 2923'	Plug Back TD: 2771'	Elevation: 4730'	Farm or Lease Name:	
Csg. Size: 7" / Wt.: 20# / d: / Set At: 2923"		Perforations: From 2490 To 2532		Well No.: 1834 221G	
Tbg. Size: 3-1/2" / Wt.: 9.3# / d: / Set At: 2303		Perforations: From To		Unit: G / Sec.: 22 / Twp.: 18 / Rge.: 34	
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: 2295'		County: Union	
Producing Thru: Tubing	Reservoir Temp. °F: 89°@ 2511'	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
2511'	2511'	1.529	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					360				
1.	4.206 x 2.5	222	34	50	234.2	50			24 hrs
2.	4.206 x 2.5	232	30	60	244.2	50			24 hrs
3.	4.206 x 2.5	263	18	60	275.2	50			24 hrs
4.	4.206 x 2.5	288	11	61	300.2	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							2380
2.							2261
3.							1882
4.							1583
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 372.2 P_c^2 138.533

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		234.2		83.683
2		244.2		78.899
3		275.2		62.798
4		300.2		48.413
5				

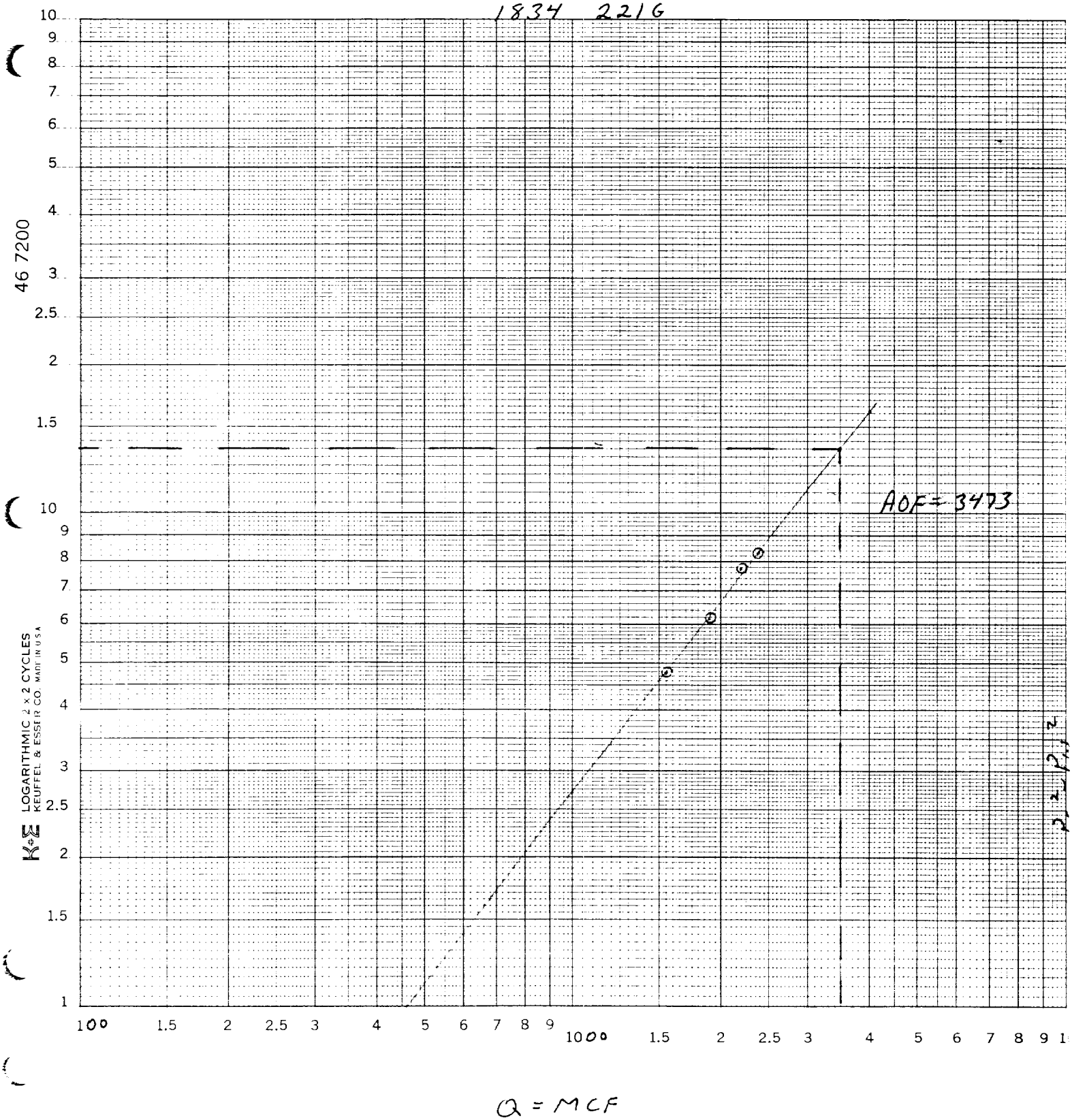
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.65$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.46$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 3473$

Absolute Open Flow 3473 Mcfd @ 15.025 Angle of Slope θ ____ Slope, n .75

Remarks:

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


1834 2216
46 7200
AOF = 3473
LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
Q = MCF