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: 7-30-85		
Company: Amoco Production Company		Connection:			
Pool: Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area		Formation: Tubb			Unit: BDCDGU
Completion Date: 10-1-84	Total Depth: 2946	Plug Back TD: 2850	Elevation: 4823		Farm or Lease Name:
Csg. Size: 7 / Wt.: 20 / d: / Set At: 2943		Perforations: From 2535 To 2642			Well No.: 1834 091 G
Tbg. Size: 3-1/2 / Wt.: 9.3 / d: / Set At: 2407		Perforations: From To			Unit: G / Sec.: 9 / Twp.: 18 / Rge.: 34
Type Well – Single – Bradenhead – G.G. or G.O. Multiple: Single		Packer Set At: 2377			County: Union
Producing Thru: Tubing	Reservoir Temp. °F: 90 @ 2589	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
2589	2589	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					337				
1.	4.026 x 2.25	203	22	61	203	50			24 hrs.
2.	" "	211	22	61	211	"			"
3.	" "	231	16	61	231	"			"
4.	" "	254	11	61	254	"			"
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.							1516
3.							1490
4.							1360
5.							1189

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 349.2 P_c^2 121.941

NO	P_t^2	P_w	P_w^2	$P_c^2 - P_w^2$
1		215.2		75.630
2		223.2		72.122
3		243.2		62.794
4		266.2		51.078
5				

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.61$

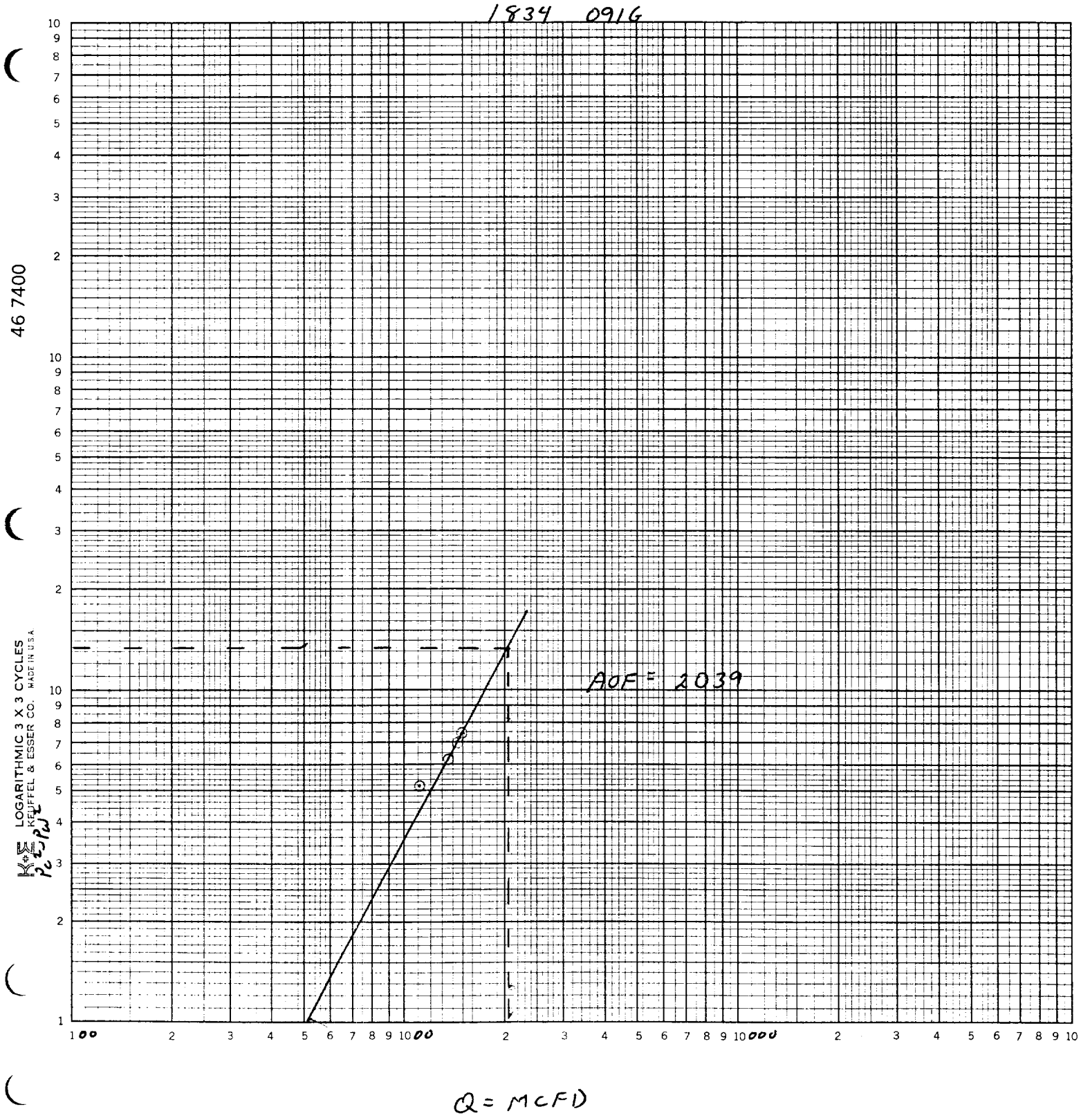
(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.34$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 2039$

Absolute Open Flow 2039 Mcfd @ 15.025 | Angle of Slope θ | Slope, n .62

Remarks:

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


1834 0916
AOF = 2039
Q = MCFD
LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
46 7400