

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> 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		Well No. 1834 091 G		Unit G 9 18 34			
Csg. Size 7	Wt. 20	Set At 2943	Perforations: From 2535 To 2642				
Tbg. Size 3-1/2	Wt. 9.3	Set At 2407	Perforations: From To				
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		Meter Run 4.0		Taps Flange			
L 2589	H 2589	G _g 1.529	% CO ₂ 100	% N ₂ 0	% H ₂ S 0	Prover	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
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
1.	4.026 x 2.25			203	22	61	337				24 hrs.
2.	"	"	"	211	22	61	203	50			
3.	"	"	"	231	16	61	211	"			
4.	"	"	"	254	11	61	231	"			
5.							254	"			

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							1516
2.							1490
3.							1360
4.							1189
5.							

NO.	P _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____ X X X X X X X X X X
3.					Specific Gravity Flowing Fluid _____ X X X X X
4.					Critical Pressure _____ 1072 P.S.I.A.
5.					Critical Temperature _____ 547 _____ P.S.I.A.

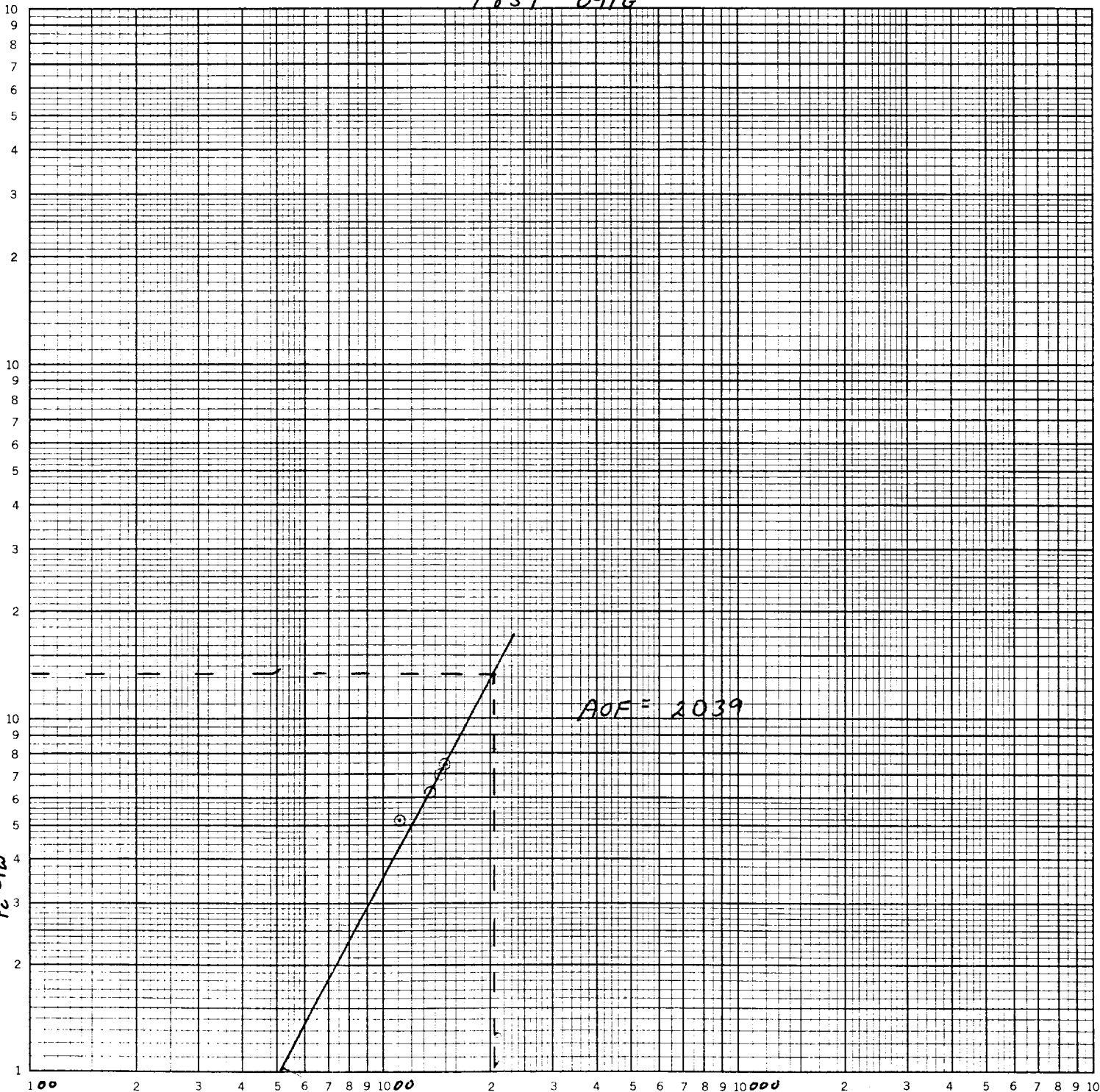
P _c 349.2	P _c ² 121,941					
NO.	P _c ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.61$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.34$
1.		215.2		75.630		
2.		223.2		72.122		
3.		243.2		62.794		
4.		266.2		51.078		
5.						

Absolute Open Flow _____ 2039 _____ Mcfd @ 15.025		Angle of Slope @ _____		Slope, n _____ .62	
Remarks:					
Approved By Commission:		Conducted By:		Calculated By: D. D. Kimble	
				Checked By:	

1834 0916

46 7400

LOGARITHMIC 3 X 3 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
K&E
PCEPW



Q = MCFD