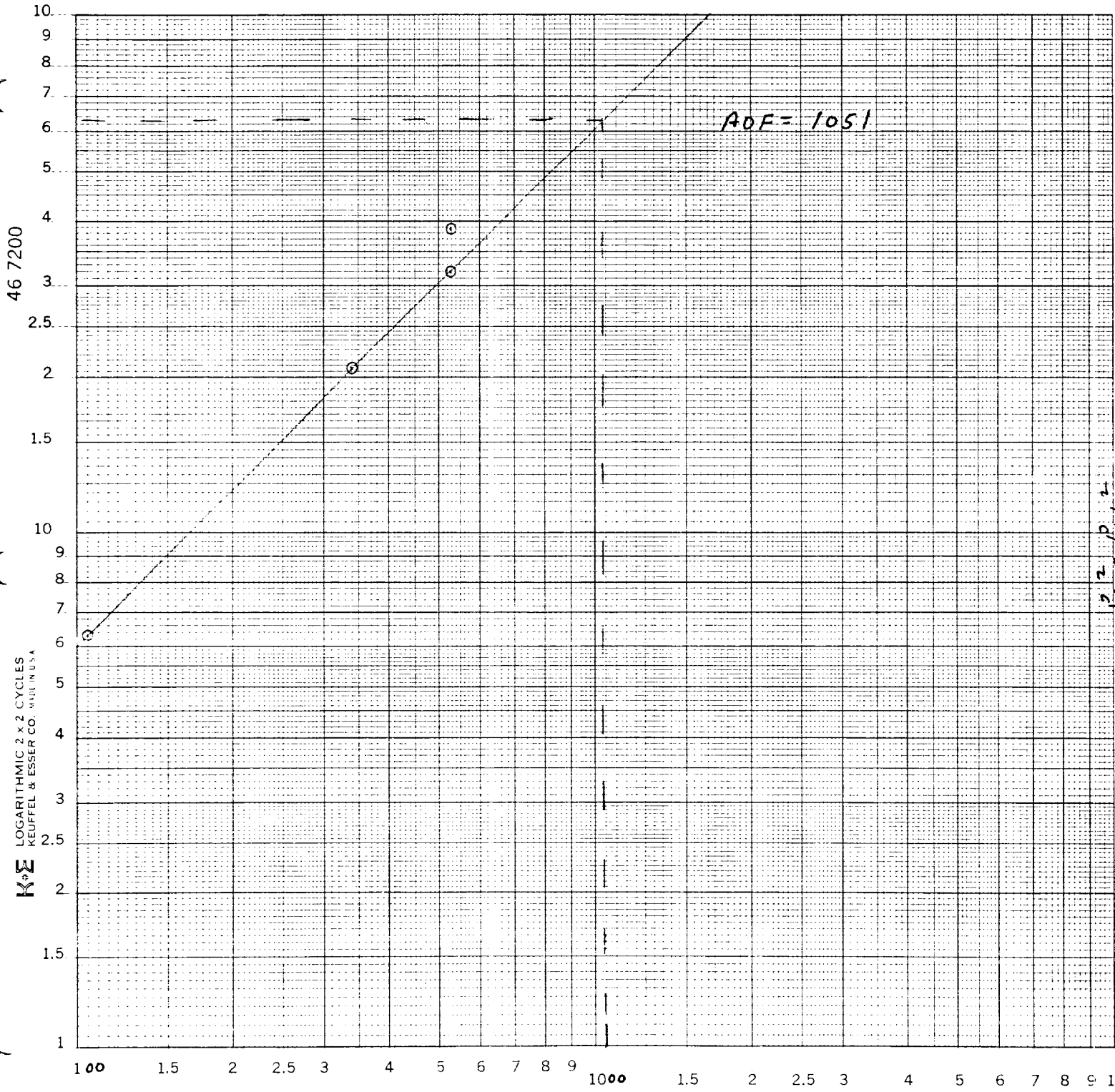


NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 6/3/85							
Company Amoco Production Company			Connection								
Pool Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area			Formation Tubb			Unit BDCDGU					
Completion Date 4/28/81		Total Depth 2723'		Plug Back TD 2670'		Elevation 4505 GL					
Csg. Size 5-1/2"	Wt. 14#	d	Set At 2718'	Perforations: From 2164' To 2187'			Well No. 1835 131J				
Tubg. Size 2-3/8"	Wt. 4.7#	d	Set At 2163'	Perforations: From To			Unit Sec. Twp. Rge. J 13 18 35				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2101'		County Union					
Producing Thru Tubing		Reservoir Temp. *F @ 2175'		Mean Annual Temp. *F 50		Baro. Press. - P _a 12.2					
State New Mexico											
L 2175'	H 2175'	G _g 1.529	% CO ₂ 100	% N ₂ 0	% H ₂ S 0	Prover	Meter Run 4.0				
						Taps Flange					
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
SI							280				
1.	4.026 x 1.5			202	16	59	214.2	50			24 hrs
2.	4.026 x 1.5			219	15	60	231.2	"			24 hrs
3.	4.026 x 1.5			242	6	59	254.2	"			24 hrs
4.	4.026 x 1.5			269	1	50	281.2	"			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 F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd				
1							529				
2							528				
3							340				
4							103				
5											
NO.	P _r	Temp. *R	T _r	Z	Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl.						
1					A.P.I. Gravity of Liquid Hydrocarbons 0 Deg.						
2					Specific Gravity Separator Gas 1.529 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. P.S.I.A.						
5					Critical Temperature 547 R R						
P _c 292.2		P _c ² 85.38									
NO	F _i ²	P _w	R _w ²	P _c ² - R _w ²	(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 2.162$		(2) $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.98$				
1		214.2		39.499							
2		231.2		31.927							
3		254.2		20.763							
4		281.2		6.307	ACF = Q $\left[\frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1051$						
5											
Absolute Open Flow 1051 Mcfd @ 15.025				Angle of Slope θ				Slope, n .89			
Remarks:											
Approved by Commission:			Conducted By:			Calculated By: D. D. Kimble			Checked By:		

1835 1315



LOGARITHMIC 2 X 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.

$Q = MCF$

10
9
8
7
6
5
4
3
2
1