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	30-021-20261
Company: AMOCO PRODUCTION COMPANY	Connection			
Pool: BRAVO DOME CARBON DIOXIDE GAS UNIT	Formation: TUBB		Unit: BDCDGU	
Completion Date: 7/27/92	Total Depth: 2386	Plug Back TD: 2370	Elevation: 4741	Farm or Lease Name
Csg. Size: 4½" FG / Wt.: 4.49 / d: 3.95 / Set At: 2386	Perforations: From 2086 To 2291; From 2293 To 2314			Well No.: 2133-101 J
Tbg. Size: - / Wt.: - / d: - / Set At: -	Perforations: From 2329 To 2383; From 2340 To 2360			Unit: J / Sec.: 10 / Twp.: 21N / Rge.: 33E
Type well – Single – Bradenhead – G.G. or G.O. Multiple: SINGLE	Packer Set At:			County: Harding
Producing Thru: CASING	Reservoir Temp. °F: 95 @	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
	2386	1.529	100	0	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				280							
1.	4.026	x	0.250	220							1 HR
2.	4.026	x	0.375	180							0.6 HR
3.	4.026	x	0.500	125							0.47 HR
4.	4.026	x	0.750	75							0.4 HR
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							217
2.							415
3.							549
4.							1136
5.							

NO.	P_r	Temp. °R	T_r	Z
1				
2.				
3.				
4.				
5.				

Gas Liquid Hydrocarbon Ratio: DRY Mcf/bbl.
A.P.I. Gravity of Liquid Hydrocarbons: DRY 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 292.2 P_c^2 85,380

NO	P_w	P_w^2	$P_c^2 - P_w^2$
1	232.2	53.916	31.465
2	192.2	36.940	48.441
3	137.2	18.824	66.557
4	87.2	7.604	77.777
5			

(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.713$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.726$

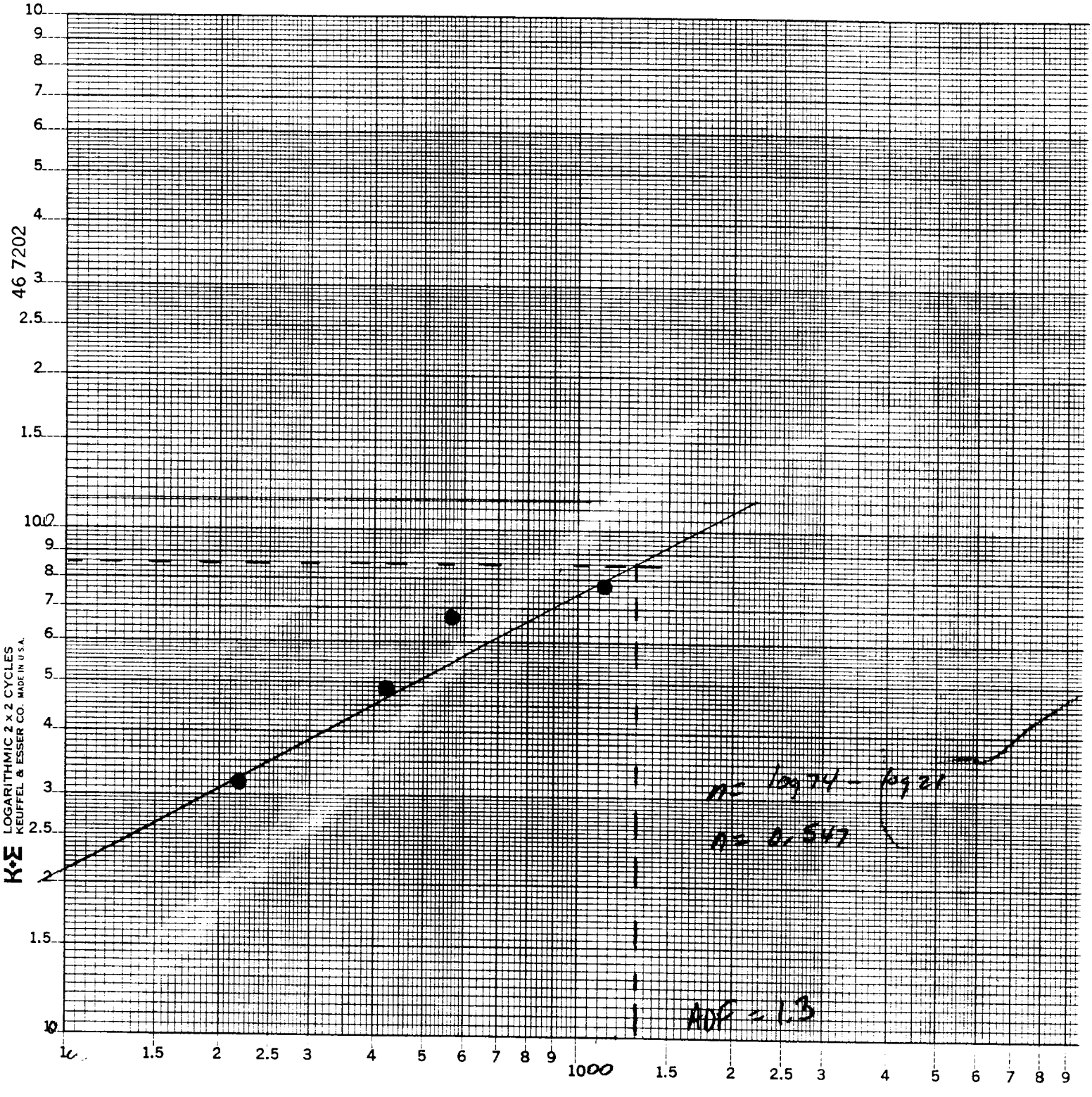
AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 1.3$

Absolute Open Flow: 1.3 Mcfd @ 15.025 Angle of Slope θ: ____ Slope, n: 0.547

Remarks:

Approved by Commission: | Conducted By: | Calculated By: | Checked By:

2133-101J


46 7202
K+E LOGARITHMIC 2 x 2 CYCLES
KEUFFEL & ESSER CO. MADE IN U.S.A.
m = log 74 - log 21
m = 0.547
ADF = 1.3
Q, (MCFD)