

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

Form C-122
 Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 8-27-85				
Company Amoco Production Company				Connection					
Pool Bravo Dome Carbon Dioxide Gas				Formation Tubb				Unit BDCDGU	
Completion Date 1-23-84		Total Depth 2725		Plug Back TD 2600		Elevation 4612		Farm or Lease Name	
Csg. Size 7"	Wt. 20	d	Set At 2720	Perforations: From 2132 To 2286		Well No. 1835 091 G			
Tbg. Size 3-1/2	Wt. 9.3	d	Set At 2077	Perforations: From To		Unit G		Sec. 9	Twp. 18
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2069		County Union			
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2209		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2		State New Mexico	
L 2209	H 2209	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.	
SI							338			
1.	4.026 x 2.00			209	41	59	209	50		
2.	" "			230	26	60	230	"		
3.	" "			258	11	60	258	"		
4.	" "			285	2	60	285	"		
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							1569
2							1343
3							1006
4							597
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas 1.529 XXXXXXXXXX
3.					Specific Gravity Flowing Fluid XXXXXX
4.					Critical Pressure 1072 P.S.I.A. P.S.I.A.
5.					Critical Temperature 547 R R

P _c 350.2	P _c ² 122.640	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.66$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.35$
NO.	P _t ²	P _w	P _w ²
1		221.2	73.711
2		242.2	63.979
3		270.2	49.632
4		297.2	34.312
5			

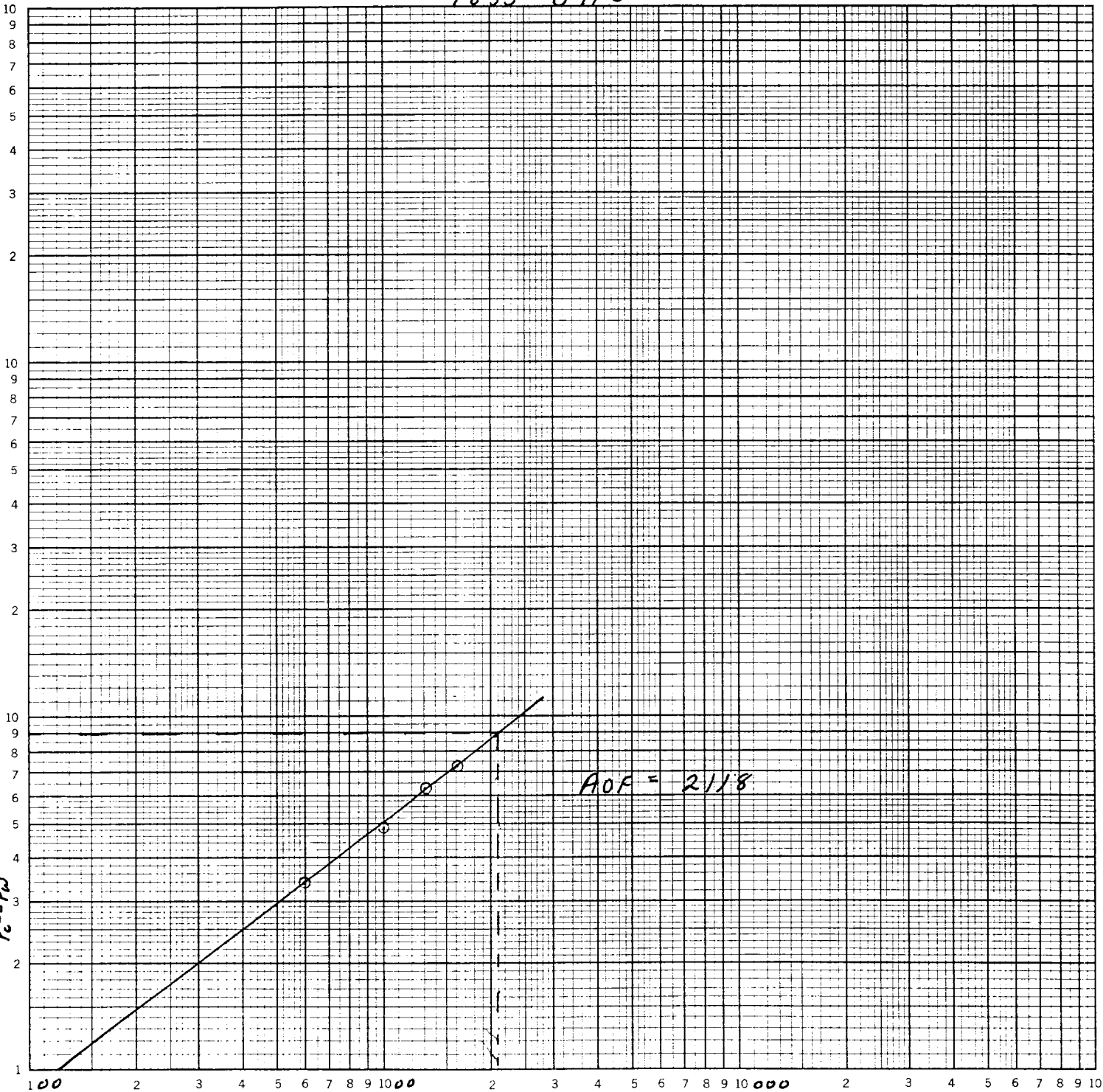
Absolute Open Flow 2118 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .59
Remarks:			
Approved By Commission: _____ Conducted By: _____ Calculated By: D. D. Kimble _____ Checked By: _____			

1835 0916

46 7400

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

$K \sum$
 $P_2 - P_w$



$AOF = 2.118$

$Q = MCFD$