

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 9-17-85	
Company Amoco Production Company				Connection		
Pool Bravo Dome Carbon Dioxide Gas Unit 640 Acre Area				Formation Tubb		Unit BDCDGU
Completion Date 10-10-84		Total Depth 2658		Plug Back TD 2572 -		Elevation 4495
Csg. Size 7	Wt. 20	d 	Set At 2650	Perforations: From 2076 To 2184		Well No. 1835 111 G
Thq. Size 3.5	Wt. 9.3	d 	Set At 1957	Perforations: From To		Unit Sec. Twp. Rge. G 11 18 35
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 1927		County Union
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2130		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2
L 2130		H 2130	G _g 1.529	% CO ₂ 100	% N ₂ 0	% H ₂ S 0
Prover 4.0		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							312			
1.	4.026 x 1.750			240	43	60	240	50		
2.	" "			265	17	60	265	50		
3.	" "			283	8	59	283	50		
4.	" "			309	1	56	309	50		
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							1278
2							947
3							511
4							10
5							

NO.	P _t	Temp. °R	T _g	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ 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 324.2	P _c ² 105.106	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.53$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 2.53$
NO.	P _t ²	P _w	P _w ²
1	252.2		41.500
2	277.2		28.266
3	295.2		19.725
4	321.2		1.936
5			

Absolute Open Flow 3236 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n 1.00	
Remarks: _____					
Approved By Commission: _____					
Conducted By: _____		Calculated By: D. D. Kimble		Checked By: _____	

1835 1116

46 7400

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

