

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 8-6-85	
Company Amoco Production Company				Connection		
Pool Bravo Dome Carbon Dioxide Gas				Formation Tubb		Unit BDCDGU
Completion Date 11-28-83		Total Depth 2962		Plug Back TD 2800		Elevation 4852
Csq. Size 7	Wt. 20	d	Set At 2958	Perforations: From 2540 To 2642		Well No. 1834 041 G
Thq. Size 3-1/2	Wt. 9.3	d	Set At 2506	Perforations: From To		Unit Sec. Twp. Rge. G 4 18 34
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At -2467		County Union
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2591		Mean Annual Temp. °F 50		Baro. Press. - P _a State New Mexico
L 2591	H 2591	G _g 1.529	% CO ₂ 100	% N ₂ 0	% H ₂ S 0	Prover Meter Run Taps 4.0 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							338				
1.	4.026 x 2.75			189	54	55	189	50			24 hr.
2.	" "			204	45	56	204	"			"
3.	" "			222	35	56	222	"			"
4.	" "			244	25	57	244	"			"
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							3662
2							3485
3							3234
4							2873
5							

NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.					0	0	1.529	X X X X X X X X	1072	547
2.										
3.										
4.										
5.										

P _c 350.2	P _c ² 122.640	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.49$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.30$
NO.	P _t ²	P _w	P _w ²
1		201.2	82.159
2		216.2	75.898
3		234.2	67.790
4		256.2	57.002
5			

Absolute Open Flow		Angle of Slope θ		Slope, n	
4770				.66	

Remarks:			

Approved By Commission:	Conducted By:	Calculated By:	Checked By:
		D. D. Kimble	