

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 9-10-85	
Company Amoco Production Company		Connection	
Pool Bravo Dome Carbon Dioxide Gas Unit-640 acre area		Formation Tubb	
Completion Date 10/28/85		Total Depth 2775	Plug Back TD 2700
		Elevation 4773	Unit BDCDGU
Csq. Size 7	Wt. 20	Set At 2778	Perforations: From 2425 To 2515
Tbg. Size 3-1/2"	Wt. 9.3	Set At 2324	Perforations: From To
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At 2293	Well No. 1833 031G
Producing Thru Tubing	Reservoir Temp. °F 90 @ 2470	Mean Annual Temp. °F 50	Baro. Press. - P _a 12.2
County Harding		State New Mexico	
L 2470	H 2470	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							350			
1.	4.026 x 1.75			195	25	64	195	50		
2.	4.026 x 1.75			211	27	64	211	50		24 hrs.
3.	4.026 x 1.75			231	19	63	231	50		24 hrs.
4.	4.026 x 1.75			246	14	63	246	50		24 hrs.
5.										24 hrs.

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							
2							879
3							818
4							729
5							703

NO.	P _t	Temp. °R	T _f	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 _r 362.2	P _w 131.189	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.49$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.33$
NO. 1	P _t 207.2	P _w 223.2	P _c 243.2
2			
3			
4			
5			

Absolute Open Flow 1165 Mcfd @ 15.025		Angle of Slope θ	Slope, n .71
Remarks:			
Approved By Commission:			
Conducted By:		Calculated By: D. D. KIMBLE	
		Checked By:	