

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: 4-23-85									
Company: Amoco Production Company		Connection:									
Pool: Bravo Dome Carbon Dioxide Unit - 640 acre area		Formation: Tubb									
Completion Date: 12-30-80	Total Depth: 2640	Plug Back TD: 2589	Elevation: 4934								
Csg. Size: 5.5	Wt.: 14	Set At: 2640	Perforations: From 2325 To 2577								
Thg. Size: 2-7/8	Wt.: 6.5	Set At: 2553	Perforations: From To								
Type Well - Single - Bradenhead - G.G. or G.O. Multiple		Packer Set At: 2308	Well No.: 1934 081F								
Producing Thru: Tubing	Reservoir Temp. °F: 90° @ 2451	Mean Annual Temp. °F: 50	Baro. Press. - P _a : 12.2								
L: 2451	H: 2451	G _g : 1.529	% CO ₂ : 100								
		% N ₂ : 0	% H ₂ S: 0								
		Prover:	Meter Run: 4.0								
			Taps: Flange								
FLOW DATA											
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	TUBING DATA		CASING DATA		Duration of Flow
							Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							306				
1.	4.026 x 1.75			202	30	57	214.2	50			24 hr.
2.	4.026 x 1.75			236	17	64	248.2	50			24 hr.
3.	4.026 x 1.75			254	12	62	262.2	50			24 hr.
4.	4.026 x 1.75			279	5	64	291.2	50			24 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											
2							1016				
3							827				
4							724				
5							482				
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl.						
1.					A.P.I. Gravity of Liquid Hydrocarbons 0 Deg.						
2.					Specific Gravity Separator Gas 1.529 XXXXXXXXXX						
3.					Specific Gravity Flowing Fluid XXXXXX						
4.					Critical Pressure 1072 P.S.I.A.						
5.					Critical Temperature 547 R						
P _c 318.2 P _c ² 101.251											
NO.	F _t ²	P _w	P _w ²	P _c ² - P _w ²							
1		214.2		55.370							
2		248.2		39.648							
3		262.2		32.502							
4		291.2		16.454							
5											
Absolute Open Flow 1468 Mcfd @ 15.025					Angle of Slope θ		Slope, n .61				
Remarks:											
Approved By Commission:		Conducted By:		Calculated By:		Checked By:					
				D. D. Kimble							