

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 9-24-85			
Company Amoco Production Company				Connection					
Pool Bravo Dome Carbon Dioxide Gas				Formation Tubb				Unit BDCDGU	
Completion Date 4-8-81		Total Depth 2830		Plug Back TD 2680 "		Elevation 5070		Farm or Lease Name	
Csq. Size 5-1/2	Wt. 14	d	Set At 2830	Perforations: From 2500 To 2616		Well No. 2033 091 G			
Tbg. Size 2-3/8	Wt. 4.7	d	Set At 2343	Perforations: From To		Unit Sec. Twp. Rge. G 9 20 33			
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single				Packer Set At 2312		County Harding			
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2558		Mean Annual Temp. °F 50		Baro. Press. - P _a 12.2		State New Mexico	
L 2558	H 2558	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.		Temp. °F
1.	4.026 x 0.875			202	5	49	202	50			24 hr.
2.	"		"	234	1	46	234	"			"
3.	"		"	244	0	43	244	"			"
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1.							110
2.							61
3.							30
4.							
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 260.2	P _c ² 67.704	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 3.10$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.86$
NO.	P _t ²	P _w ²	P _c ² - P _w ²
1.		214.2	21.822
2.		246.2	7.090
3.		256.2	2.066
4.			
5.			

Absolute Open Flow 204 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n .55
Remarks: _____			
Approved By Commission:	Conducted By:	Calculated By: D. D. Kimble	Checked By: