

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	
Company Amoco Production Company				Connection		
Pool Bravo Dome Carbon Dioxide Gas Unit-640 Acre Area				Formation		Unit BDCDGU
Completion Date 11-19-85		Total Depth 2485		Plug Back TD 2410-		Elevation 4724
Csg. Size 7	Wt. 20	d	Set At 2485	Perforations: From 2257 To 2362		Well No. 2035 311G
Tbg. Size 3-1/2	Wt. 9.3	d	Set At 2126	Perforations: From To		Unit Sec. Twp. Rge. G 31 20 35
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single					Packer Set At 2095	
Producing Thru Tubing		Reservoir Temp. °F 90 @ 2310		Mean Annual Temp. °F 50		Baro. Press. - P _d 12.25
L 2310		H 2310	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							296			
1.	4.026 x 2.500			179.8	8	50	192.05	50		
2.	4.026 x 2.500			151	10.5	52	163.25	52		
3.	4.026 x 2.500			121.1	16	52	133.35	52		
4.	4.026 x 2.500			92.7	22.5	52	104.95	52		
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							1076
2							1130
3							1253
4							1327
5							

NO.	P _r	Temp. °R	T _r	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 496 R R

P _c 308.2	P _c ² 94.987	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.13$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.08$
NO.	P _r ²	P _w	P _w ²
1		192	58.123
2		163	68.418
3		133	77.298
4		104	84.171
5			

Absolute Open Flow 1428 Mcfd @ 15.025		Angle of Slope θ _____		Slope, n .60
Remarks:				
Approved by Commission: _____ Conducted By: _____ Calculated By: Don Kimble _____ Corrected By: _____				