

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	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F
SI						296
1.	4.026 x 2.500			179.8	8	50
2.	4.026 x 2.500			151	10.5	52
3.	4.026 x 2.500			121.1	16	52
4.	4.026 x 2.500			92.7	22.5	52
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}
1						
2						
3						
4						
5						
Rate of Flow Q, Mcfd 1076 1130 1253 1327						
NO.	R _f	Temp. °R	T _f	Z	Gas Liquid Hydrocarbon Ratio 0 Mcf/bbl. A.P.I. Gravity of Liquid Hydrocarbons _____ Deg. Specific Gravity Separator Gas 1.529 X X X X X X X X Specific Gravity Flowing Fluid X X X X X Critical Pressure 1072 P.S.I.A. _____ P.S.I.A. Critical Temperature 496 R _____ R	
P _c 308.2 P _c ² 94.987 NO. P _c ² P _w P _w ² P _c ² - P _w ² 1 192 58.123 2 163 68.418 3 133 77.298 4 104 84.171 5					(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.13$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.08$ AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1428$	
Absolute Open Flow 1428 Mcfd @ 15.025					Angle of Slope @ _____ Slope, n .60	
Remarks:						
Approved by Commission:		Conducted By:		Calculated By: Don Kimble		Cchecked By: