



BICO Drilling Tools, Inc. Build Rate Prediction: Ø3¾ Lambda Fixed P100												
Slick					Stabilized 1/8" Undergage				Stabilized 1/4" Undergage			
Hole Size					Hole Size				Hole Size			
ABH (°)	Ø4-1/2"	Ø4-5/8"	Ø4-3/4"	Ø5-7/8"	Ø4-1/2"	Ø4-5/8"	Ø4-3/4"	Ø5-7/8"	Ø4-1/2"	Ø4-5/8"	Ø4-3/4"	Ø5-7/8"
0.25	-	-	-	-	2.1	2.4	2.6	4.8	-	-	-	2.8
0.50	-	-	-	-	4.9	5.1	5.3	7.5	2.8	3.1	3.3	5.5
0.75	3.2	2.1	1.1	-	7.6	7.8	8.1	10.3	5.6	5.8	6.1	8.3
1.00	6.2	5.2	4.2	-	10.3	10.5	10.8	13.0	8.3	8.5	8.8	11.0
1.25	9.2	8.2	7.2	-	13.0	13.3	13.5	15.7	11.0	11.3	11.5	13.7
1.50	12.3	11.2	10.2	1.0	15.7	16.0	16.2	18.4	13.7	14.0	14.2	16.4
1.75	15.3	14.3	13.2	4.1	18.5	18.7	19.0	21.2	16.5	16.7	16.9	19.1
2.00	18.3	17.3	16.3	7.1	-	21.4	21.7	23.9	19.2	19.4	19.7	21.9
2.25	-	20.3	19.3	10.1	-	-	-	26.6	-	22.1	22.4	24.6
2.50	-	23.3	22.3	13.1	-	-	-	29.3	-	-	-	27.3
2.75	-	-	25.4	16.2	-	-	-	32.0	-	-	-	30.0
3.00	-	-	-	19.2	-	-	-	34.8	-	-	-	32.8

Predicted Build Rate figures are in %/100' and are based on theoretical calculations of a non-flexing motor.