



BICO Drilling Tools, Inc. Build Rate Prediction: Ø3¾ Lambda Fixed P150 SR												
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	-	-	-	-	3.5	4.0	4.5	9.0	0.6	1.1	1.6	6.1
0.50	-	-	-	-	7.1	7.6	8.1	12.6	4.2	4.7	5.2	9.7
0.75	4.5	3.0	1.6	-	10.7	11.2	11.7	16.2	7.8	8.3	8.8	13.3
1.00	8.7	7.3	5.9	-	14.3	14.8	15.3	19.8	11.4	11.9	12.4	16.9
1.25	12.9	11.5	10.1	-	17.9	18.4	18.9	23.4	15.0	15.5	16.0	20.5
1.50	17.2	15.7	14.3	1.6	21.5	22.0	22.5	27.0	18.6	19.1	19.6	24.1
1.75	21.4	20.0	18.5	5.8	25.1	25.6	26.1	30.6	22.2	22.7	23.2	27.7
2.00	25.6	24.2	22.8	10.0	28.7	29.2	29.7	34.2	25.8	26.3	26.8	31.3
2.25	29.8	28.4	27.0	14.2	32.4	32.8	33.3	37.8	29.4	29.9	30.4	34.9
2.50	34.1	32.6	31.2	18.5	36.0	36.4	36.9	41.4	33.0	33.5	34.0	38.5
2.75	38.3	36.9	35.5	22.7	39.6	40.0	40.5	45.0	36.6	37.1	37.6	42.1
3.00	42.5	41.1	39.7	26.9	43.2	43.6	44.1	48.6	40.2	40.7	41.2	45.7

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