

BIT DATA

Table #1

BIT#	SIZE inch	TYPE	JETS	DEPTH	DEPTH	BIT DIST	BIT TIME	AVG ROP	WOB klbs	RPM	TORQUE	BIT REVS	CONDITION		
				IN ft	OUT ft						kft-lb avg to max		T	B	G
NB1	26	HTC DGJ	3x14	342	685	342	4.5	76	8-10	50-60	0.8 - 1.8	17400	1	1	0
with	36	Hole-Opener	3x20												
RR1.1	26	HTC DGJ	3x14	685	1365	680	7.0	97	8-10	70-90	1.0 - 1.9	19700	2	2	0
NB2	17.5	SMITH DSJ	3x18	1365	1372	7	0.5	14	5-10	50-60	1.0 - 1.9	1800	1	1	0
NB3	12.25	SMITH SDT	15,15,18	1372	4240	2868	20.3	141	5-25	100	1.5 - 2.5	116200	4	4	4
NB4	12.25	SMITH F2CE	11,3x13	4240	5452	1212	26.0	47	15-42	90-110	1.0 - 2.8	167300	6	2	4
NB5	17.5	SMITH SDGHC	12,3x15	1372	5452	Open	12.25" hole		5-35	85-130	1.0 - 8.0	219800	5	3	4
RR5.1	17.5	SMITH SDGHC	12,3x15		5452	Wiper trip							n/a		
NB6	12.25	SMITH SDGH	Open		5452	Drill cement							4	3	4
NB7	12.25	SMITH SDT	Open		5452	Drill shoe, cement, EZSV plug							n/a		
RR7.1	12.25	SMITH SDT	Open	5452	5460	8	0.1	80	17-20	60-80	2.0 - 4.3	1000	7	6	4
NB8	12.25	DB CD 502	1 sq" TFA	5461	5519	58	2.0	29	12-20	80-110	1.9 - 3.7	12000	10%	worn	
NB9	12.25	SMITH SDGH	3x15	5519	6320	801	16.1	50	20-30	75-120	1.6 - 7.6	95000	6	3	4
NB10	12.25	SMITH SVH	3x15	6320	6568	248	6.3	39	30-40	95-120	2.0 - 7.7	42000	4	2	0
NB11	12.25	SMITH F2	3x15	6568	7173	605	41.0	15	30-38	80-100	3.2 - 7.9	213000	1	2	0
NB12	12.25	SMITH F3	3x15	7173	7971	798	43.1	18.5	35-45	70-85	2.5 - 7.9	211380	8	8	0
NB13	12.25	SMITH F3	3x14 *	7971	8420	449	31.9	14.1	40-43	80-85	2.5 - 6.0	163800	1	8	0
NB14	12.25	SMITH F2 CE	8,3x13	8420	9149	729	40.5	18.0	40-45	85-90	2.7 - 7.2	212400	2	2	4
RR8.1	8.5	DB CD 502	1 sq" TFA	9149	9210	61	2.1	29.0	3-11	55-95	2.8 - 5.3	11100	15%	worn	
NB15	12.25	SMITH F2	3x14	9210	10059	849	66.6	12.7	40-44	85-90	2.7 - 6.2	364000	2	8	0
NB16	12.25	SMITH F2	3x14	10059	10865	806	71.8	11.2	40-45	85-90	2.7 - 5.0	378000	4	6	0
NB17	12.25	SMITH F2	3x14 ^	10865	11342	477	41.9	11.4	42-46	85-90	3.4 - 7.8	227100	8	6	8
NB18	12.25	SMITH F3	3x14	11342	12120	780	64.3	12.1	40-48	80-95	3.8 - 7.9	331000	5	5	0
NB19	12.25	SMITH F2	3x14	12120	12292	172	14.6	11.8	40-45	85-90	3.5 - 7.6	76590	2	3	0
RR8.2	8.5	DB CD 502	1 sq" TFA	12292	12310	18	4.9	3.7	10-30	60-120	3.0 - 5.8	29700	70%	worn	
NB20	12.25	SMITH F2	3x14	12310	12796	486	40.1	12.1	40-46	85-95	4.5 - 7.5	216000	3	6	4

* NB13 one nozzle partially blocked.

^ NB17 one nozzle blocked after wiper trip