

BIT DATA

Table #1

BIT#	SIZE inch	TYPE	JETS	DEPTH	DEPTH	BIT DIST ft	BIT TIME hrs	AVG ROP ft/hr	WOB klbs	RPM	TORQUE	BIT REVS	CONDITION		
				IN ft	OUT ft						kft-lb avg to max		T	B	G
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

HYDRAULICS DATA

Table #2

BIT#	SIZE	START DEPTH feet	JETS	FLOW	SPM	PUMP	MUD	ECD	PV/YP	ANNULAR VELOCITIES ft/mn				JET	BIT	HHP	IMPACT
				IN gpm		PRESS psi	WT. ppg							riser	pipe	collar	crit
NB19	12.25	12120	3x14	600	121	3020	9.8	10.0	23/21	45	118	171	448	428	1609/53	564	1312
RR8.2	8.5	12292	3x21 eq	250	50	700	9.8	9.9	19/16	19	49	71	362	80	56/8	8.2	102
NB20	12.25	12310	3x14	600	121	2900	9.7	9.8	19/16	45	118	171	339	427	1580/54	553	1286