

GEOLOGICAL-ENGINEERING REPORT No.7 cont'd....

Table #1

BIT DATA

BIT#	SIZE inch	TYPE	JETS	DEPTH	DEPTH	BIT	BIT	AVG	WOB	RPM	TORQUE	BIT	CONDITION		
				IN	OUT	DIST	TIME	ft/hr	klbs	avg to max	REVS	T	B	G	
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 - 7.8	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			

HYDRAULICS DATA

Table #2

BIT#	SIZE	START	JETS	FLOW	SPM	PUMP	MUD	ECD	PV/YP	ANNULAR VELOCITIES ft/min				JET	BIT	HHP	IMPACT
		DEPTH		IN		PRESS	WT.	ppg		riser	pipe	collar	crit	VEL	PRESS	hp	FORCE
		feet		gpm		psi	ppg	ppg					ft/sc	psi/ %		lbs	
NB17	12.25	10865	3x14*	473	95	3010	9.6	9.7	28/23	36	93	135	447	505	2185/73	603	1186
NB18	12.25	11342	3x14	595	120	3000	9.8	9.9	24/22	45	114	169	420	423	1568/51	554	1277
NB19	12.25	12120	3x14	600	121	3020	9.8	10.0	23/21	45	118	171	448	428	1609/53	564	1312

* NB17 one nozzle blocked after wiper trip.