| | BIT # 8 | | SMITH F3J | BIT DIAMETER : 12.25 inch | | NOZZ 13/13/13 | | | | | | | | | | | MUD RHEOLOGICAL PARAMETERS : PV = 2 YP = 1 GEL = 0 |

	TIME	MEASURED	DEPTHS VERTCL	LAGGED	ROP	WOB	DRILLING PARAMETERS RPM TORQ PRESS			FLOW IN	PIT VOL	DENSITY IN OUT		MUD PARAMETERS TEMPERATURE IN OUT		RESISTIVITY IN OUT		GAS DCS		OVERPRESSURE SURVEY NORM	PF	ECD	FRAC	ACCUMULATED ON BIT FEET TIME		COST
	Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg		degF		ohmm		unit				ppg	ppg	ppg	feet	Dhr	$
D	17:16	2980.4	2978.2	2873.0	26.6	35.0	84	1200	1354	444	532	8.6	8.6	57.6	64.9	.21	.21	1	1.45	.96	8.6	8.6	13.5	876.6	13.24	86
D	17:17	2982.3	2979.3	2873.0	364.8	25.6	78	1700	1354	439	532	8.6	8.6	57.6	64.8	.21	.21	3	.45	.96	8.6	8.6	13.5	878.9	13.24	86
D	17:17	2985.3	2983.0	2873.0	724.9	22.0	37	800	1378	445	530	8.6	8.6	57.6	64.9	.21	.21	1	-.12	.96	8.6	8.6	13.5	881.4	13.25	86
D	17:17	2987.1	2984.7	2873.0	409.0	8.8	15	700	1308	441	534	8.6	8.6	57.6	64.9	.21	.22	1	.36	.97	8.6	8.6	13.5	883.1	13.25	86
D	17:18	2988.0	2985.5	2873.0	211.7	8.4	31	800	1373	439	532	8.6	8.6	57.6	64.9	.21	.21	1	.21	.97	8.6	8.6	13.5	884.8	13.25	85
D	17:18	2989.2	2986.4	2873.0	446.1	3.1	61	800	1369	439	532	8.6	8.6	57.6	64.9	.21	.21	3	.21	.97	8.6	8.6	13.5	884.8	13.26	85
D	17:18	2990.5	2988.6	2887.0	524.8	4.3	30	0	1373	444	534	8.6	8.6	57.6	64.9	.21	.21	3	.30	.97	8.6	8.6	13.5	887.0	13.26	85