```
* BIT # 24      SMITH F3   BIT DIAMETER :  8.50 inch   NOZZ 13/13/13                        MUD RHEOLOGICAL PARAMETERS : PV = 20  YP = 10  GEL = 6 *
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DATE : 15/ 8/82

466558

	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	$
T	20:15	9233.0	9222.9	9232.0	------	------	23	1200	1421	351	591	8.9	9.1	82.5	99.2	.96	.96	6							
T	20:25	9233.0	9222.9	9232.0	------	------	0	-100	577	365	575	8.9	9.2	82.7	99.1	.96	.96	7							
T	20:35	9233.0	9222.9	9232.0	------	------	73	2900	1468	360	593	9.0	9.1	82.1	97.5	.96	.97	7							
T	20:45	9233.0	9222.9	9232.0	------	------	74	2800	1426	360	577	9.0	9.1	82.3	99.3	.97	.97	6							
T	20:55	9233.0	9222.9	9232.0	------	------	70	2600	1417	360	589	8.9	9.1	82.6	98.6	.97	.97	7							
T	21: 5	9233.0	9222.9	9232.0	------	------	56	1400	1407	369	576	9.0	9.1	82.6	99.5	.97	.98	7							
T	21:15	9233.0	9222.9	9233.0	------	------	73	2700	1365	356	572	9.0	9.2	83.1	100.5	.97	.96	6							
T	21:25	9233.0	9222.9	9233.0	------	------	73	2900	1417	351	566	9.0	9.1	83.7	100.7	.97	.98	6							
T	21:35	9233.0	9222.9	9233.0	------	------	1	-100	1464	360	562	9.0	9.1	84.2	101.2	.97	.97	6							
T	21:45	9233.0	9222.9	9233.0	------	------	64	1400	1426	356	558	9.0	9.1	84.6	101.9	.97	.98	6							
T	21:55	9233.0	9222.9	9233.0	------	------	0	-100	619	241	570	9.0	9.1	85.1	102.0	.97	.96	7							
D	21:58	9234.2	9224.1	9233.0	4.2	26.5	70	2900	1041	307	564	9.1	9.2	85.2	100.0	.97	1.01	7	1.75	1.57	10.0	9.1	16.4	194.1	6.30	254
D	22: 1	9235.6	9225.3	9233.0	29.6	29.1	69	3000	1037	307	558	9.0	9.1	85.3	101.4	.97	1.00	6	1.39	1.57	9.9	9.1	16.3	195.3	6.35	253
D	22: 3	9236.3	9226.2	9233.0	31.1	29.9	69	3000	1046	307	556	9.0	9.1	85.4	101.6	.97	.99	6	1.40	1.57	9.8	9.1	16.3	196.2	6.37	253
D	22: 4	9237.1	9227.0	9233.0	30.3	33.3	69	3000	1041	307	554	9.0	9.1	85.4	101.3	.97	1.00	6	1.40	1.57	9.8	9.1	16.3	197.0	6.40	252
D	22: 6	9238.2	9228.1	9233.0	36.9	31.4	73	3100	1027	307	552	9.0	9.1	85.5	100.8	.97	1.00	6	1.37	1.57	10.0	9.1	16.4	198.1	6.43	251
D	22: 7	9239.1	9229.0	9233.0	33.1	31.8	71	3200	1032	307	552	9.0	9.1	85.5	101.2	.97	.98	6	1.40	1.57	9.8	9.1	16.3	199.0	6.45	251
D	22:10	9240.7	9230.6	9233.0	40.9	32.4	73	3100	1032	307	554	9.0	9.1	85.5	101.4	.97	.97	6	1.33	1.57	10.3	9.1	16.4	200.6	6.49	249
D	22:11	9241.2	9231.0	9233.0	34.1	33.1	74	3100	1032	307	552	9.0	9.1	85.6	101.3	.97	.98	6	1.42	1.57	9.7	9.1	16.3	201.1	6.51	249
D	22:14	9242.5	9231.0	9233.0	34.1	32.3	71	3200	1037	307	554	9.0	9.1	85.6	100.9	.97	.98	6	1.42	1.57	9.7	9.1	16.3	201.0	6.56	249
D	22:15	9243.0	9232.9	9233.0	24.5	32.2	73	3200	1037	307	552	9.1	9.1	85.6	101.5	.97	.98	6	1.52	1.57	10.0	9.1	16.4	202.9	6.58	248
D	22:17	9244.1	9234.1	9233.0	29.9	30.6	73	3200	1037	307	552	9.1	9.2	85.7	100.8	.97	.98	6	1.42	1.57	9.7	9.1	16.3	204.1	6.62	247
D	22:19	9245.0	9235.0	9233.0	42.2	29.4	72	3100	1037	307	552	9.1	9.1	85.7	100.4	.97	1.00	6	1.30	1.57	10.6	9.1	16.5	205.0	6.64	247
D	22:21	9246.0	9235.9	9233.0	30.2	26.4	73	3100	1004	306	554	9.1	9.1	85.8	100.6	.98	.98	6	1.37	1.57	10.1	9.2	16.4	205.9	6.67	246
D	22:22	9247.2	9237.1	9233.0	42.2	31.0	71	3200	1009	307	552	9.1	9.1	85.7	100.6	.97	.98	6	1.29	1.57	10.6	9.2	16.5	207.1	6.70	245
D	22:24	9248.2	9238.1	9233.0	33.7	29.7	74	3200	1009	306	550	9.1	9.1	85.7	101.0	.97	.97	6	1.37	1.57	10.1	9.2	16.4	208.1	6.73	244
D	22:26	9249.4	9239.4	9233.0	32.4	29.6	73	3200	1004	307	550	9.1	9.1	85.7	100.8	.98	.98	6	1.57	1.57	10.0	9.2	16.4	209.4	6.77	244
D	22:28	9250.2	9239.4	9233.0	32.4	30.0	74	3200	1009	307	550	9.1	9.2	85.7	100.9	.97	.98	6	1.37	1.57	10.0	9.2	16.4	209.4	6.79	244
D	22:30	9251.0	9240.9	9233.0	27.7	30.6	71	3300	1023	307	550	9.1	9.1	85.7	101.5	.98	.98	6	1.44	1.57	9.6	9.2	16.3	210.9	6.82	243
D	22:32	9252.3	9242.2	9233.0	31.2	31.4	71	3200	1013	307	550	9.1	9.1	85.9	101.2	.98	.99	6	1.40	1.57	9.9	9.2	16.3	212.2	6.87	242
D	22:34	9253.1	9243.0	9233.0	23.3	32.0	72	3200	1013	303	550	9.1	9.1	85.8	101.3	.97	.99	6	1.52	1.57	10.0	9.2	16.4	213.0	6.90	242
D	22:37	9254.3	9243.0	9233.0	23.3	31.6	73	3200	1009	306	548	9.1	9.1	85.9	101.5	.98	.97	6	1.52	1.57	10.0	9.2	16.4	213.0	6.95	242
D	22:39	9255.1	9245.0	9233.0	39.2	29.6	73	3200	1013	306	546	9.1	9.1	85.9	101.6	.98	.98	6	1.33	1.57	10.4	9.2	16.4	215.0	6.97	241
D	22:40	9256.2	9246.1	9233.0	43.3	32.5	74	3300	1013	307	546	9.1	9.1	86.0	101.7	.98	.98	6	1.29	1.57	10.6	9.2	16.5	216.1	6.99	240
D	22:42	9257.2	9247.1	9233.0	27.3	30.8	73	3200	1013	307	544	9.2	9.1	86.1	101.7	.98	.98	6	1.44	1.57	9.6	9.2	16.3	217.1	7.03	239
D	22:44	9258.0	9247.9	9233.0	27.3	31.8	73	3200	1013	307	544	9.1	9.1	86.1	101.6	.98	.98	6	1.45	1.57	9.5	9.2	16.3	217.9	7.06	239
D	22:46	9259.1	9247.9	9233.0	27.3	30.9	73	3200	1010	303	542	9.1	9.1	86.1	101.7	.98	.99	6	1.45	1.57	9.5	9.2	16.3	217.9	7.10	239
D	22:48	9260.1	9250.0	9233.0	47.7	30.7	73	3200	1010	303	540	9.2	9.1	86.1	101.7	.97	.97	6	1.26	1.57	10.8	9.2	16.4	220.0	7.12	238
D	22:50	9261.3	9251.2	9233.0	27.8	30.2	73	3200	1023	305	538	9.1	9.1	86.2	101.3	.97	.98	6	1.43	1.96	10.0	9.2	16.6	221.2	7.16	237
T	23: 0	9261.9	9251.2	9233.0	------	------	0	-100	75	156	542	9.1	9.1	86.5	100.8	.98	.98	7							
D	23: 4	9262.1	9252.0	9233.0	14.4	32.0	70	2200	1252	338	530	9.1	9.2	86.5	100.3	.97	.99	7	1.50	1.96	9.6	9.2	16.4	222.0	7.21	237
D	23: 6	9263.1	9253.0	9233.0	28.3	29.2	71	3000	1210	329	524	9.1	9.1	84.6	99.8	.97	.99	7	1.42	1.96	9.6	9.2	16.4	223.0	7.25	237
D	23: 9	9264.6	9253.0	9233.0	28.3	29.6	72	3100	1215	325	522	9.1	9.1	86.5	100.9	.97	.98	6	1.42	1.96	9.6	9.2	16.4	223.0	7.30	237
D	23:10	9265.1	9255.0	9233.0	33.9	28.2	72	3200	1215	325	520	9.1	9.1	86.6	100.8	.97	.98	7	1.34	1.96	9.6	9.2	16.4	225.0	7.31	235
D	23:11	9266.0	9255.9	9233.0	33.7	28.7	74	3200	1220	329	520	9.1	9.1	86.6	101.2	.97	.97	7	1.35	1.96	9.6	9.1	16.4	225.9	7.34	235
D	23:14	9267.2	9257.1	9233.0	25.4	27.5	73	3200	1220	329	518	9.1	9.1	86.5	101.3	.97	.98	6	1.43	1.96	9.6	9.1	16.4	227.1	7.39	234
D	23:16	9268.1	9257.1	9233.0	25.4	27.5	74	3200	1220	325	516	9.1	9.1	86.6	101.8	.98	.97	7	1.43	1.96	9.6	9.2	16.4	227.1	7.41	234
D	23:19	9269.7	9259.7	9233.0	30.3	26.7	73	3200	1229	326	514	9.1	9.2	86.6	101.7	.98	1.01	7	1.30	1.96	9.6	9.2	16.4	229.7	7.47	233
D	23:20	9270.0	9259.9	9233.0	31.1	26.1	71	3200	1229	326	514	9.1	9.2	86.6	101.5	.98	.99	7	1.36	1.96	9.6	9.2	16.4	229.9	7.48	233