

* BIT # 8		SMITH F3J		BIT DIAMETER : 12.25 inch		NOZZ 13/13/13		MUD RHEOLOGICAL PARAMETERS : PV = 1 YP = 3 GEL = 1																	
* TIME	* MEASURED	* DEPTHS	* LAGGED	* ROP	* WOB	* DRILLING PARAMETERS				* MUD PARAMETERS				* GAS				* OVERPRESSURE SURVEY				* ACCUMULATED ON BIT			
* Hr:mn	* feet	* feet	* feet	* ft/h	* klbs	* rpm	* ftlb	* psi	* gpm	* bbls	* ppg	* degF	* ohm	* unit	* DCS	* NORM	* PF	* ECD	* FRAC	* FEET	* TIME	* COST			
D * 20:29	* 2230.2	2230.2	2155.0	* 126.1	* .0	95	900	1625	500	* 490	* 0.6	8.6	56.8	63.0	.23	.21	* 3	* .36	.91	* 0.6	0.6	13.0	* 122.6	.65	241
D * 20:52	* 2232.6	2232.0	2198.0	* 3.1	* 13.5	92	900	1620	495	* 418	* 0.6	8.6	56.7	62.9	.23	.25	* 3	* 1.59	.91	* 0.6	0.6	13.0	* 124.4	1.03	248
D * 20:52	* 2236.4	2236.4	2204.0	* 244.8	* 5.2	91	900	1630	494	* 418	* 0.6	8.6	56.7	62.9	.23	.25	* 3	* .55	.91	* 0.6	0.6	13.0	* 128.0	1.03	241
D * 20:52	* 2238.2	2237.5	2204.0	* 294.6	* 7	91	900	1630	500	* 416	* 0.6	8.6	56.6	62.9	.23	.26	* 3	* .43	.91	* 0.6	0.6	13.0	* 129.9	1.04	239
D * 20:53	* 2240.3	2240.4	2204.0	* 586.8	* 1.7	93	900	1625	500	* 416	* 0.6	8.6	56.6	62.8	.23	.25	* 3	* .32	.91	* 0.6	0.6	13.0	* 132.0	1.04	234
D * 20:54	* 2242.6	2242.0	2212.0	* 110.3	* 10.7	89	1000	1615	500	* 410	* 0.6	8.6	56.6	62.0	.23	.25	* 3	* .74	.91	* 10.4	0.6	13.9	* 134.4	1.07	231
D * 20:56	* 2245.1	2244.0	2217.0	* 100.3	* 9.2	91	1000	1615	500	* 412	* 0.6	8.6	56.6	62.0	.23	.25	* 3	* .84	.91	* 0.6	0.6	13.0	* 137.5	1.09	227
D * 21:21	* 2247.7	2247.1	2220.0	* 124.0	* 6.4	91	1000	1586	495	* 440	* 0.6	8.6	56.5	62.1	.23	.26	* 3	* .73	.91	* 10.5	0.6	13.9	* 139.5	1.15	225
D * 21:23	* 2250.4	2250.4	2230.0	* 118.7	* 7.2	93	1000	1591	494	* 430	* 0.6	8.6	56.5	62.5	.23	.29	* 3	* .73	.91	* 10.4	0.6	13.9	* 142.0	1.10	221
D * 21:24	* 2252.6	2252.1	2231.0	* 95.9	* 7.4	91	1000	1591	495	* 420	* 0.6	8.6	56.5	62.9	.23	.32	* 3	* .80	.91	* 9.8	0.6	13.6	* 144.5	1.20	218
D * 21:25	* 2255.0	2254.2	2231.0	* 199.6	* 6.2	89	1000	1586	500	* 428	* 0.6	8.6	56.4	63.0	.23	.31	* 3	* .72	.91	* 10.6	0.6	14.0	* 147.4	1.22	215
D * 21:26	* 2257.6	2257.3	2231.0	* 157.0	* 7.4	89	900	1596	495	* 430	* 0.6	8.6	56.5	63.3	.23	.29	* 3	* .66	.91	* 11.2	0.6	14.2	* 149.7	1.23	212
D * 21:27	* 2260.7	2260.3	2231.0	* 163.7	* 7.2	91	1000	1591	504	* 426	* 0.6	8.6	56.5	63.3	.23	.27	* 3	* .65	.91	* 11.4	0.6	14.3	* 152.7	1.25	208
D * 21:28	* 2262.7	2262.3	2231.0	* 117.9	* 4.6	92	900	1586	495	* 426	* 0.6	8.6	56.4	63.6	.23	.26	* 1	* .79	.91	* 10.9	0.6	14.1	* 154.7	1.26	206
D * 21:29	* 2265.0	2264.1	2231.0	* 182.4	* 10.3	88	1000	1591	501	* 420	* 0.6	8.6	56.4	63.5	.23	.25	* 3	* .67	.91	* 11.1	0.6	14.2	* 156.5	1.27	204
D * 21:30	* 2267.6	2267.1	2231.0	* 134.0	* 11.1	88	1000	1586	500	* 424	* 0.6	8.6	56.4	63.7	.23	.24	* 3	* .71	.91	* 10.7	0.6	14.0	* 159.5	1.29	200
D * 21:33	* 2270.4	2270.1	2231.0	* 42.1	* 10.0	89	1000	1586	504	* 418	* 0.6	8.6	56.3	63.7	.23	.23	* 1	* 1.02	.91	* 0.6	0.6	13.1	* 162.5	1.34	198
D * 21:34	* 2272.6	2272.0	2231.0	* 95.4	* 5.0	89	1000	1591	495	* 420	* 0.6	8.6	56.3	63.6	.23	.23	* 3	* .82	.91	* 0.6	0.6	13.1	* 164.5	1.36	196
D * 21:46	* 2276.2	2273.2	2232.0	* 68.5	* 4.4	85	800	1639	505	* 422	* 0.6	8.6	56.2	63.3	.22	.23	* 3	* .88	.91	* 0.6	0.6	13.1	* 165.6	1.39	195
D * 21:47	* 2280.4	2280.2	2240.0	* 111.0	* 11.1	92	1000	1644	505	* 420	* 0.6	8.6	56.2	63.1	.22	.23	* 3	* .72	.91	* 10.6	0.6	14.0	* 172.6	1.41	187
D * 21:48	* 2282.6	2282.1	2242.0	* 80.9	* 9.0	91	1000	1644	510	* 418	* 0.6	8.6	56.2	63.0	.22	.23	* 3	* .78	.91	* 9.9	0.6	13.7	* 174.5	1.43	186
D * 21:49	* 2285.1	2284.1	2242.0	* 148.6	* 9.6	91	900	1639	509	* 418	* 0.6	8.6	56.2	63.3	.22	.23	* 3	* .70	.91	* 10.8	0.6	14.1	* 176.5	1.45	184
D * 21:50	* 2287.5	2287.1	2244.0	* 137.7	* 10.2	88	1000	1639	501	* 418	* 0.6	8.6	56.2	63.4	.22	.23	* 3	* .69	.91	* 10.9	0.6	14.1	* 179.5	1.47	181
D * 21:51	* 2290.1	2289.2	2245.0	* 173.0	* 10.2	90	1000	1639	505	* 414	* 0.6	8.6	56.1	63.6	.22	.23	* 3	* .64	.91	* 11.4	0.6	14.3	* 181.6	1.48	180
D * 21:52	* 2292.7	2292.1	2245.0	* 141.5	* 5.4	91	1000	1639	505	* 414	* 0.6	8.6	56.2	63.0	.22	.23	* 3	* .69	.91	* 10.9	0.6	14.1	* 184.5	1.50	177
D * 21:53	* 2295.1	2294.1	2245.0	* 220.8	* 6.6	93	900	1649	510	* 410	* 0.6	8.6	56.2	63.9	.22	.23	* 3	* .57	.91	* 9.9	0.6	13.6	* 186.5	1.51	175
D * 21:54	* 2297.8	2297.3	2245.0	* 200.3	* 8.0	89	1000	1647	509	* 414	* 0.6	8.6	56.0	64.0	.22	.23	* 3	* .64	.91	* 11.5	0.6	14.4	* 189.7	1.52	173
D * 21:55	* 2300.4	2300.2	2245.0	* 175.0	* 9.6	92	1000	1647	509	* 412	* 0.6	8.6	56.2	64.0	.22	.24	* 3	* .70	.91	* 10.9	0.6	14.1	* 192.7	1.54	170
D * 21:56	* 2302.5	2302.1	2245.0	* 98.1	* 9.4	88	1000	1644	510	* 412	* 0.6	8.6	56.1	64.1	.22	.24	* 3	* .79	.91	* 9.9	0.6	13.7	* 194.5	1.56	169
D * 21:57	* 2305.0	2304.3	2245.0	* 88.6	* 6.4	89	1000	1644	510	* 410	* 0.6	8.6	56.1	64.1	.22	.24	* 3	* .82	.91	* 10.5	0.6	13.9	* 196.7	1.58	168
D * 21:59	* 2307.7	2307.0	2245.0	* 116.1	* 5.2	91	1000	1644	500	* 406	* 0.6	8.6	56.1	64.2	.22	.24	* 3	* .72	.91	* 10.6	0.6	14.0	* 199.5	1.60	166
D * 22:14	* 2310.4	2310.1	2245.0	* 97.0	* 6.4	92	900	1596	500	* 418	* 0.6	8.6	56.1	64.2	.22	.24	* 4	* .69	.91	* 10.9	0.6	14.1	* 202.5	1.63	164
D * 22:16	* 2312.5	2312.1	2246.0	* 61.5	* 8.0	88	900	1596	500	* 416	* 0.6	8.6	56.2	63.9	.22	.24	* 4	* .83	.91	* 10.5	0.6	13.9	* 204.5	1.66	163
D * 22:17	* 2315.2	2314.0	2249.0	* 128.0	* 6.0	86	800	1601	505	* 414	* 0.6	8.6	56.2	64.2	.22	.24	* 4	* .68	.91	* 11.0	0.6	14.2	* 206.4	1.68	161
D * 22:20	* 2317.5	2317.1	2254.0	* 60.2	* 10.0	89	900	1596	500	* 412	* 0.6	8.6	56.2	64.4	.22	.24	* 4	* .94	.91	* 10.5	0.6	13.9	* 209.5	1.72	160
D * 22:23	* 2320.3	2320.2	2258.0	* 53.2	* 11.7	88	900	1591	505	* 414	* 0.6	8.6	56.2	64.6	.22	.25	* 3	* .99	.91	* 10.5	0.6	13.9	* 212.6	1.77	158
D * 22:25	* 2322.6	2322.1	2266.0	* 63.4	* 12.3	86	900	1596	500	* 410	* 0.6	8.6	56.2	64.3	.22	.25	* 4	* .95	.91	* 10.5	0.6	13.9	* 214.5	1.81	158
D * 22:27	* 2325.1	2324.2	2268.0	* 72.9	* 10.8	89	900	1601	500	* 410	* 0.6	8.6	56.3	64.3	.22	.25	* 4	* .89	.91	* 10.5	0.6	13.9	* 216.6	1.84	156
D * 22:30	* 2327.5	2327.1	2272.0	* 43.2	* 11.2	91	900	1601	500	* 406	* 0.6	8.6	56.3	65.0	.22	.32	* 3	* 1.03	.91	* 10.5	0.6	13.9	* 219.5	1.89	155
D * 22:33	* 2330.0	2329.1	2273.0	* 58.9	* 10.8	91	900	1596	500	* 404	* 0.6	8.6	56.4	65.5	.22	.39	* 1	* .97	.91	* 10.5	0.6	13.9	* 221.5	1.94	155
D * 22:35	* 2332.6	2332.1	2273.0	* 55.0	* 16.5	89	900	1591	500	* 402	* 0.6	8.6	56.4	65.5	.22	.39	* 1	* .98	.91	* 10.5	0.6	13.9	* 224.5	1.98	153
D * 22:39	* 2335.0	2334.2	2278.0	* 40.0	* 11.3	92	900	1601	500	* 398	* 0.6	8.6	56.4	65.2	.22	.32	* 3	* 1.03	.91	* 10.5	0.6	14.0	* 226.6	2.04	153
D * 22:56	* 2339.3	2339.3	2307.0	* 48.6	* 11.4	90	900	1557	489	* 418	* 0.6	8.6	56.6	64.3	.22	.24	* 3	* .94	.91	* 10.5	0.6	14.0	* 231.7	2.13	151
D * 22:57	* 2340.2	2339.3	2307.0	* 48.6	* 14.6	95	800	1562	499	* 416	* 0.6	8.6	56.6	64.2	.22	.24	* 3	* .91	.91	* 10.5	0.6	14.0	* 232.7	2.14	151
D * 22:58	* 2342.5	2342.2	2307.0	* 74.2	* 10.7	94	800	1557	495	* 412	* 0.6	8.6	56.6	64.4	.22	.24	* 4	* .92	.91	* 10.5	0.6	14.0	* 234.6	2.16	150
D * 23: 1	* 2345.1	2344.3	2307.0	* 42.5	* 13.0	90	800	1548	495	* 412	* 0.6	8.6	56.6	64.7	.23	.24	* 4	* 1.04	.91	* 10.5	0.6	14.0	* 236.7	2.21	149
D * 23: 3	* 2347.5	2347.1	2308.0	* 60.5	* 11.2	90	800	1552	495	* 410	* 0.6	8.6	56.7	64.9	.22	.23	* 4	* .93	.91	* 10.5	0.6	14.0	* 239.5	2.25	148
D * 23: 5	* 2350.0	2349.1	2312.0	* 72.6	* 9.7	89	800	1552	494	* 410	* 0.6	8.6	56.7	64.9	.22	.24	* 4	* .92	.91	* 10.5	0.6	14.0	* 241.5	2.28	147

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