

* 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 *			* DRILLING PARAMETERS *					* MUD PARAMETERS *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *							
		* Hr:mn *	* feet *	* feet *	* feet *	* ROP *	* WOB *	RPM	TORG	PRESS	FLOW	PIT	DENSITY	TEMPERATURE	RESISTIVITY	* GAS *	* DCS *	NORM	PF	CCD	FRAC	* FEET *	TIME	COST	
D * 23: 8	* 2352.7	2352.1	2315.0	* 49.2	* 14.0	88	900	1552	495	* 410	* 0.6	0.6	56.7	65.0	.23	.23	* 3	* 1.03	.91	* 10.5	0.6	14.0	* 244.6	2.32	146 *
D * 23:10	* 2355.1	2354.1	2316.0	* 65.8	* 16.4	87	1000	1552	492	* 412	* 0.6	0.6	56.7	65.0	.23	.23	* 4	* .96	.91	* 10.5	0.6	14.0	* 246.6	2.35	145 *
D * 23:11	* 2357.5	2357.1	2318.0	* 91.2	* 10.9	89	700	1552	495	* 406	* 0.6	0.6	56.8	65.0	.23	.23	* 4	* .88	.92	* 10.5	0.6	14.0	* 249.5	2.37	144 *
D * 23:13	* 2360.1	2359.0	2319.0	* 73.1	* 10.3	89	900	1552	489	* 408	* 0.6	0.6	56.7	65.1	.23	.24	* 3	* .90	.92	* 10.5	0.6	14.0	* 251.4	2.40	143 *
D * 23:15	* 2362.6	2362.0	2322.0	* 61.4	* 10.7	88	900	1540	495	* 406	* 0.6	0.6	56.8	65.0	.22	.24	* 3	* .94	.92	* 10.5	0.6	14.0	* 254.4	2.44	142 *
D * 23:17	* 2365.7	2365.7	2324.0	* 110.9	* 14.0	88	900	1540	495	* 404	* 0.6	0.6	56.8	65.0	.23	.24	* 3	* .88	.92	* 10.5	0.6	14.0	* 254.4	2.44	142 *
D * 23:17	* 2367.5	2367.2	2324.0	* 146.1	* 12.8	89	900	1540	494	* 404	* 0.6	0.6	56.9	64.9	.23	.24	* 3	* .74	.92	* 10.4	0.6	13.9	* 259.6	2.48	140 *
D * 23:20	* 2370.1	2369.0	2331.0	* 40.3	* 13.2	94	800	1562	495	* 400	* 0.6	0.6	56.9	64.5	.22	.23	* 4	* .90	.92	* 10.5	0.6	14.0	* 261.4	2.52	139 *
D * 23:29	* 2372.8	2372.1	2332.0	* 129.4	* 8.9	93	900	1567	494	* 406	* 0.6	0.6	56.9	64.3	.22	.23	* 4	* .74	.92	* 10.5	0.6	14.0	* 264.5	2.54	138 *
D * 23:31	* 2375.1	2375.1	2333.0	* 111.8	* 17.4	93	900	1577	500	* 406	* 0.6	0.6	56.9	64.3	.22	.23	* 3	* .82	.92	* 10.5	0.6	14.0	* 267.5	2.56	137 *
D * 23:32	* 2377.5	2377.2	2334.0	* 88.2	* 14.2	89	1000	1572	500	* 402	* 0.6	0.6	57.0	64.4	.22	.23	* 4	* .87	.92	* 10.5	0.6	14.0	* 269.6	2.59	136 *
D * 23:34	* 2380.0	2379.1	2335.0	* 81.3	* 12.8	93	900	1581	500	* 400	* 0.6	0.6	57.0	64.5	.22	.23	* 3	* .88	.92	* 10.5	0.6	14.0	* 272.4	2.62	135 *
D * 23:36	* 2382.8	2382.1	2336.0	* 88.8	* 11.6	90	900	1581	500	* 398	* 0.6	0.6	57.0	64.7	.22	.23	* 3	* .87	.92	* 10.5	0.6	14.0	* 274.6	2.65	134 *
D * 23:37	* 2385.0	2384.1	2337.0	* 88.8	* 7.9	90	800	1581	500	* 398	* 0.6	0.6	57.0	64.8	.22	.23	* 3	* .88	.92	* 10.5	0.6	14.0	* 276.5	2.67	134 *
D * 23:39	* 2387.6	2387.1	2337.0	* 72.7	* 9.1	90	800	1581	495	* 396	* 0.6	0.6	57.0	64.7	.22	.23	* 4	* .90	.92	* 10.5	0.6	14.0	* 279.5	2.70	133 *
D * 23:41	* 2390.2	2390.1	2337.0	* 85.5	* 8.9	92	800	1581	495	* 396	* 0.6	0.6	57.0	64.8	.22	.23	* 3	* .86	.92	* 10.5	0.6	14.0	* 282.5	2.74	132 *
D * 23:43	* 2392.6	2392.1	2337.0	* 77.3	* 12.8	91	700	1577	494	* 400	* 0.6	0.6	57.0	64.9	.22	.22	* 3	* .87	.92	* 10.5	0.6	14.0	* 284.5	2.77	131 *
D * 23:45	* 2395.0	2394.3	2337.0	* 68.6	* 15.0	91	800	1577	504	* 410	* 0.6	0.6	57.0	64.8	.22	.22	* 4	* .88	.92	* 10.5	0.6	14.0	* 286.7	2.80	130 *
D * 23:58	* 2397.6	2397.1	2350.0	* 46.4	* 10.9	87	700	1620	504	* 444	* 0.6	0.6	57.0	64.2	.22	.23	* 4	* 1.00	.92	* 10.5	0.6	14.0	* 289.5	2.88	130 *
D * 0: 1	* 2400.0	2400.0	2354.0	* 36.8	* 9.1	85	800	1615	499	* 450	* 0.6	0.6	57.1	64.6	.22	.22	* 3	* .98	.92	* 10.5	0.6	14.0	* 292.4	2.94	130 *
D * 0: 5	* 2402.5	2402.1	2359.0	* 50.7	* 5.3	85	800	1620	505	* 450	* 0.6	0.6	57.0	65.0	.22	.22	* 3	* .92	.92	* 10.5	0.6	14.0	* 294.5	2.99	129 *
D * 0: 8	* 2405.1	2404.1	2363.0	* 32.5	* 10.7	83	800	1620	499	* 464	* 0.6	0.6	57.0	65.0	.21	.23	* 3	* 1.01	.92	* 10.5	0.6	14.0	* 296.5	3.04	129 *
D * 0:12	* 2407.7	2407.0	2368.0	* 32.8	* 10.3	87	800	1615	499	* 480	* 0.6	0.6	57.0	66.1	.21	.30	* 3	* 1.03	.92	* 10.5	0.6	14.0	* 299.4	3.11	129 *
D * 0:15	* 2410.2	2410.1	2368.0	* 61.4	* 7.7	88	800	1615	504	* 480	* 0.6	0.6	57.0	65.8	.21	.29	* 3	* .89	.92	* 10.5	0.6	13.1	* 302.6	3.16	128 *
D * 0:18	* 2412.6	2412.1	2369.0	* 48.8	* 8.9	88	700	1620	500	* 494	* 0.6	0.6	57.0	65.5	.21	.26	* 3	* .91	.92	* 10.5	0.6	13.2	* 304.5	3.21	128 *
D * 0:21	* 2415.2	2414.3	2375.0	* 76.4	* 9.7	89	600	1625	505	* 498	* 0.6	0.6	57.0	65.3	.21	.24	* 3	* .88	.92	* 10.5	0.6	13.2	* 306.7	3.25	127 *
D * 0:23	* 2417.5	2417.1	2379.0	* 49.1	* 16.8	85	800	1615	500	* 506	* 0.6	0.6	57.0	65.3	.21	.24	* 3	* .97	.92	* 10.5	0.6	13.2	* 309.5	3.29	127 *
D * 0:27	* 2420.8	2419.2	2384.0	* 49.4	* 11.5	91	700	1620	499	* 514	* 0.6	0.6	57.0	65.5	.21	.24	* 3	* .99	.92	* 10.5	0.6	13.2	* 312.4	3.35	126 *
D * 0:30	* 2422.5	2422.0	2388.0	* 40.2	* 12.5	85	900	1620	505	* 524	* 0.6	0.6	57.0	65.5	.21	.24	* 3	* 1.03	.92	* 10.5	0.6	13.2	* 314.4	3.40	126 *
D * 0:34	* 2425.1	2424.1	2392.0	* 32.8	* 9.3	86	800	1620	505	* 530	* 0.6	0.6	57.0	65.5	.21	.24	* 3	* 1.04	.92	* 10.5	0.6	13.2	* 316.6	3.47	126 *
D * 0:52	* 2429.4	2427.2	2398.0	* 20.6	* 8.1	88	700	1562	483	* 585	* 0.6	0.6	57.1	64.8	.21	.24	* 4	* .96	.92	* 10.5	0.6	13.2	* 319.6	3.54	126 *
D * 0:52	* 2430.8	2429.4	2399.0	* 566.1	* 10.2	88	800	1548	490	* 587	* 0.6	0.6	57.1	64.7	.21	.25	* 3	* .88	.92	* 10.5	0.6	13.2	* 322.6	3.55	125 *
D * 0:56	* 2432.5	2432.1	2401.0	* 55.7	* 8.2	89	700	1736	520	* 570	* 0.6	0.6	57.1	65.0	.21	.25	* 3	* .94	.92	* 10.5	0.6	13.2	* 324.5	3.61	124 *
D * 0:59	* 2435.0	2434.1	2404.0	* 55.8	* 11.8	87	700	1741	515	* 558	* 0.6	0.6	57.2	65.4	.21	.24	* 3	* .96	.92	* 10.5	0.6	13.2	* 326.6	3.66	124 *
D * 1: 2	* 2437.7	2437.3	2406.0	* 49.2	* 15.5	87	800	1736	515	* 550	* 0.6	0.6	57.1	65.5	.21	.24	* 3	* 1.06	.92	* 10.5	0.6	13.2	* 329.7	3.72	124 *
D * 1: 6	* 2440.1	2439.2	2408.0	* 37.7	* 16.1	88	800	1736	509	* 536	* 0.6	0.6	57.2	65.5	.21	.24	* 3	* 1.06	.92	* 10.5	0.6	13.2	* 332.5	3.77	123 *
D * 1: 9	* 2442.8	2442.0	2412.0	* 39.8	* 13.6	87	700	1736	515	* 530	* 0.6	0.6	57.2	65.5	.21	.24	* 1	* 1.07	.92	* 10.5	0.6	13.2	* 334.4	3.83	123 *
D * 1:24	* 2445.0	2445.0	2423.0	* 4.9	* 16.7	88	600	1736	515	* 488	* 0.6	0.6	57.4	65.5	.22	.23	* 3	* 1.57	.92	* 10.5	0.6	13.2	* 337.4	4.00	125 *
D * 1:37	* 2447.6	2447.0	2427.0	* 37.4	* 14.3	86	900	1741	509	* 488	* 0.6	0.6	57.7	65.4	.22	.22	* 3	* 1.06	.92	* 10.5	0.6	13.2	* 339.5	4.29	126 *
D * 1:41	* 2450.8	2449.0	2432.0	* 33.0	* 12.2	91	700	1736	515	* 482	* 0.6	0.6	57.7	65.4	.22	.22	* 3	* 1.10	.92	* 10.5	0.6	13.2	* 341.5	4.36	126 *
D * 1:45	* 2452.5	2452.1	2435.0	* 42.5	* 16.7	86	900	1736	509	* 484	* 0.6	0.6	57.7	65.4	.22	.22	* 3	* 1.04	.92	* 10.5	0.6	13.2	* 344.5	4.43	126 *
D * 1:49	* 2455.1	2454.1	2438.0	* 51.4	* 16.7	85	800	1741	512	* 490	* 0.6	0.6	57.7	65.7	.22	.22	* 3	* 1.03	.92	* 10.5	0.6	13.2	* 346.5	4.49	126 *
D * 1:52	* 2457.8	2457.2	2440.0	* 41.5	* 14.9	89	800	1741	515	* 492	* 0.6	0.6	57.7	65.7	.22	.22	* 3	* 1.10	.92	* 10.5	0.6	13.2	* 349.6	4.55	125 *
D * 2: 7	* 2460.1	2459.2	2444.0	* 17.9	* 12.2	95	800	1649	500	* 518	* 0.6	0.6	57.7	65.1	.21	.31	*								