

* BIT # 32 SMITH F3 BIT DIAMETER : 0.50 inch NOZZ 13/13/0 MUD RHEOLOGICAL PARAMETERS : PV = 17 YP = 14 GEL = 4 *

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *				* MUD PARAMETERS *				* GAS *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *					
		* Hrs:mn *	* feet *	* feet *	* feet *	* ROP *	* WOB *	* RPM *	* TORQ *	* PRESS *	* FLOW *	* PIT *	* DENSITY *	* TEMPERATURE *	* RESISTIVITY *	* IN *	* OUT *	* IN *	* OUT *	* DCS *	* NORM *	* PF *	* ECD *	* FRAC *	* FEET *	* TIME *
D * 7:1	* 11105.1	11101.2	8836.0	* 9.2	* 32.0	63	2100	2482	334	* 267	* 9.6	9.6	55.4	68.9	1.25	1.06	* 15	* 1.57	2.28	* 0.0	9.0	16.9	* 55.2	6.02	1126	* *
D * 7:4	* 11106.0	11102.1	8840.0	* 18.6	* 32.6	0	-100	2458	325	* 279	* 9.6	9.6	55.0	75.9	1.26	1.07	* 15	* 1.47	2.28	* 0.0	9.0	16.9	* 56.1	6.07	1119	* *
D * 7:22	* 11107.1	11103.2	8867.0	* 9.2	* 33.4	62	2100	2557	329	* 279	* 9.6	9.6	54.7	84.3	1.24	1.22	* 15	* 1.59	2.28	* 0.0	9.0	16.9	* 57.2	7.00	1096	* *
D * 7:26	* 11108.1	11104.2	8879.0	* 11.0	* 31.3	60	2100	2566	334	* 297	* 9.6	9.6	55.4	85.2	1.24	1.21	* 15	* 1.72	2.28	* 0.0	9.0	16.9	* 58.2	7.07	1084	* *
D * 7:38	* 11109.3	11105.2	8926.0	* 5.3	* 29.5	60	2000	2361	334	* 293	* 9.5	9.6	58.3	86.0	1.23	1.23	* 15	* 1.70	2.28	* 0.0	9.7	16.9	* 59.2	7.25	1076	* *
D * 7:44	* 11110.2	11106.3	8963.0	* 11.4	* 25.7	62	1900	2081	334	* 295	* 9.6	9.6	59.6	86.9	1.23	1.23	* 15	* 1.56	2.28	* 0.0	9.0	16.9	* 60.3	7.35	1063	* *
D * 7:52	* 11111.2	11107.3	9015.0	* 11.9	* 29.6	60	2000	1492	333	* 279	* 9.6	9.6	61.2	87.0	1.24	1.24	* 15	* 1.40	2.28	* 0.0	9.0	16.9	* 61.3	7.44	1049	* *
D * 8:0	* 11112.1	11107.3	9016.0	* 11.9	* 27.6	57	1900	1488	338	* 297	* 9.6	9.6	62.7	88.1	1.24	1.24	* 15	* 1.48	2.28	* 0.0	9.0	16.9	* 61.3	7.57	1049	* *
D * 8:14	* 11113.3	11107.4	9026.0	* 7.1	* 23.5	58	1900	1496	335	* 305	* 9.6	9.6	65.1	89.7	1.24	1.23	* 16	* 1.62	2.28	* 0.0	9.0	16.9	* 63.4	7.75	1033	* *
D * 8:16	* 11114.0	11110.1	9026.0	* 16.6	* 25.4	58	2000	1483	338	* 303	* 9.6	9.6	65.3	89.4	1.24	1.24	* 16	* 1.44	2.28	* 0.0	9.0	16.9	* 64.1	7.79	1024	* *
D * 8:26	* 11115.1	11111.2	9041.0	* 6.6	* 27.0	58	1900	1462	338	* 299	* 9.6	9.6	67.0	88.8	1.24	1.20	* 15	* 1.73	2.28	* 0.0	9.0	16.9	* 65.2	7.96	1016	* *
D * 8:34	* 11116.3	11112.4	9050.0	* 8.8	* 31.1	58	1900	1462	334	* 299	* 9.6	9.6	68.0	87.9	1.24	1.24	* 15	* 1.66	2.28	* 0.0	9.0	16.9	* 66.4	8.09	1005	* *
D * 8:41	* 11117.4	11113.5	9062.0	* 9.6	* 30.5	57	2000	1458	338	* 299	* 9.6	9.6	68.5	87.4	1.24	1.21	* 15	* 1.65	2.28	* 0.0	9.0	16.9	* 67.5	8.20	995	* *
D * 8:48	* 11118.2	11113.5	9086.0	* 9.6	* 29.0	58	2000	1453	334	* 299	* 9.6	9.6	69.3	88.1	1.24	1.21	* 15	* 1.65	2.28	* 0.0	9.0	16.9	* 67.5	8.32	995	* *
D * 8:55	* 11119.4	11115.5	9107.0	* 10.7	* 30.4	57	2000	1445	334	* 297	* 9.6	9.6	69.9	88.4	1.25	1.10	* 15	* 1.57	2.28	* 0.0	9.0	16.9	* 69.5	8.44	979	* *
D * 9:1	* 11120.1	11116.2	9137.0	* 6.7	* 26.4	57	1900	1436	334	* 295	* 9.6	9.6	70.4	88.9	1.24	1.20	* 15	* 1.71	2.28	* 0.0	9.0	16.9	* 70.2	8.54	974	* *
D * 9:7	* 11121.0	11117.1	9189.0	* 9.4	* 21.0	58	1900	1432	334	* 295	* 9.6	9.6	70.7	89.3	1.24	1.19	* 15	* 1.61	2.28	* 0.0	9.0	16.9	* 71.1	8.64	967	* *
D * 9:18	* 11122.0	11118.1	11102.0	* 5.5	* 24.9	58	1900	1440	330	* 293	* 9.6	9.6	71.5	90.2	1.23	1.19	* 15	* 1.77	2.28	* 0.0	9.0	16.9	* 72.1	8.82	963	* *
D * 9:24	* 11123.2	11119.3	11112.0	* 11.5	* 27.2	57	1900	1449	334	* 293	* 9.6	9.6	71.8	90.5	1.23	1.21	* 15	* 1.56	2.28	* 0.0	9.0	16.9	* 73.3	8.92	952	* *
D * 9:30	* 11124.1	11119.3	11112.0	* 11.5	* 29.2	57	2000	1453	331	* 291	* 9.6	9.6	72.2	90.5	1.23	1.21	* 15	* 1.56	2.28	* 0.0	9.0	16.9	* 73.3	9.02	952	* *
D * 9:35	* 11125.0	11120.1	11113.0	* 8.2	* 29.6	57	2100	1450	329	* 291	* 9.6	9.6	72.5	90.5	1.23	1.21	* 15	* 1.67	2.28	* 0.0	9.0	16.9	* 74.1	9.09	946	* *
D * 9:40	* 11126.1	11121.1	11114.0	* 13.7	* 32.0	58	1900	1462	330	* 293	* 9.6	9.6	72.9	91.2	1.23	1.20	* 15	* 1.52	2.28	* 0.0	9.0	16.9	* 75.1	9.18	937	* *
D * 9:49	* 11127.3	11123.4	11115.0	* 8.5	* 26.6	58	1900	1453	334	* 291	* 9.6	9.6	73.5	92.2	1.23	1.21	* 15	* 1.65	2.28	* 0.0	9.0	16.9	* 77.4	9.33	920	* *
D * 9:54	* 11128.2	11124.3	11116.0	* 9.0	* 35.3	57	2000	1458	330	* 291	* 9.5	9.6	73.8	92.4	1.23	1.21	* 15	* 1.64	2.28	* 0.0	9.7	16.9	* 78.3	9.42	915	* *
D * 10:3	* 11129.2	11125.3	11116.0	* 7.3	* 32.4	57	2000	1449	331	* 291	* 9.5	9.6	74.5	92.7	1.23	1.22	* 15	* 1.72	2.28	* 0.0	9.7	16.9	* 79.3	9.56	909	* *
D * 10:13	* 11130.2	11126.3	11118.0	* 5.5	* 30.7	58	1900	1445	330	* 289	* 9.6	9.6	75.1	93.6	1.23	1.21	* 16	* 1.79	2.28	* 0.0	9.0	16.9	* 80.3	9.73	906	* *
D * 10:18	* 11131.1	11127.2	11119.0	* 11.0	* 28.1	58	2000	1440	330	* 289	* 9.5	9.6	75.4	93.5	1.23	1.21	* 15	* 1.58	2.28	* 0.0	9.7	16.9	* 81.2	9.82	900	* *
D * 10:27	* 11132.2	11128.3	11120.0	* 7.6	* 32.9	57	1900	1440	331	* 287	* 9.6	9.6	75.9	93.9	1.23	1.21	* 15	* 1.69	2.28	* 0.0	9.0	16.9	* 82.3	9.96	894	* *
D * 10:35	* 11133.0	11129.1	11121.0	* 5.9	* 27.1	58	1900	1436	334	* 287	* 9.6	9.6	76.4	93.6	1.24	1.21	* 15	* 1.80	2.28	* 0.0	9.7	16.9	* 83.1	10.10	891	* *
D * 10:43	* 11134.1	11129.1	11122.0	* 5.9	* 36.3	57	1900	1436	330	* 293	* 9.6	9.6	76.8	93.6	1.24	1.21	* 15	* 1.80	2.28	* 0.0	9.0	16.9	* 83.1	10.24	891	* *
D * 10:51	* 11135.4	11131.5	11123.0	* 10.3	* 28.3	57	1900	1432	331	* 295	* 9.5	9.6	77.1	93.2	1.24	1.21	* 15	* 1.63	2.28	* 0.0	9.7	16.9	* 85.5	10.37	878	* *
D * 10:54	* 11137.7	11131.5	11124.0	* 10.3	* 0	0	-200	1496	330	* 297	* 9.6	9.6	77.1	93.4	1.24	1.20	* 15	* 1.63	2.28	* 0.0	9.0	16.9	* 85.5	10.40	878	* *
D * 11:16	* 11138.2	11136.2	11127.0	* 12.4	* 31.3	59	1900	1427	330	* 291	* 9.5	9.6	77.3	92.7	1.24	1.21	* 15	* 1.56	2.28	* 0.0	9.7	16.9	* 88.2	10.50	856	* *
D * 11:21	* 11139.0	11137.0	11128.0	* 8.0	* 33.3	59	1900	1427	334	* 275	* 9.6	9.6	77.2	93.9	1.24	1.19	* 15	* 1.66	2.28	* 0.0	9.0	16.9	* 89.0	10.59	853	* *
D * 11:33	* 11140.1	11138.1	11129.0	* 5.5	* 30.2	58	1800	1415	330	* 273	* 9.6	9.6	77.4	94.2	1.24	1.21	* 15	* 1.86	2.28	* 0.0	9.7	16.9	* 90.1	10.79	850	* *
D * 11:37	* 11141.1	11139.1	11129.0	* 13.7	* 30.6	57	1900	1423	332	* 275	* 9.5	9.6	77.7	94.2	1.24	1.21	* 15	* 1.56	2.28	* 0.0	9.7	16.9	* 91.1	10.87	844	* *
D * 11:45	* 11142.2	11139.1	11130.0	* 13.7	* 29.3	65	1800	1423	330	* 271	* 9.5	9.6	78.0	93.6	1.24	1.21	* 15	* 1.56	2.28	* 0.0	9.7	16.9	* 91.1	10.99	844	* *
D * 11:53	* 11143.1	11141.1	11132.0	* 6.8	* 32.5	62	2000	1415	330	* 273	* 9.5	9.6	78.2	93.9	1.23	1.21	* 15	* 1.74	2.28	* 0.0	9.7	16.9	* 93.1	11.13	836	* *
D * 12:0	* 11144.1	11142.1	11132.0	* 9.5	* 31.0	60	1900	1419	325	* 267	* 9.5	9.6	78.2	93.6	1.22	1.21	* 15	* 1.64	2.28	* 0.0	9.7	16.9	* 94.1	11.23	831	* *
D * 12:7	* 11145.0	11143.0	11133.0	* 7.0	* 32.4	59	1900	1427	329	* 271	* 9.5	9.6	78.4	94.6	1.21	1.20	* 15	* 1.75	2.28	* 0.0	9.7	16.9	* 95.0	11.36	828	* *
D * 12:14	* 11146.3	11144.2	11134.0	* 11.3	* 26.2	57	1900	1419	325	* 269	* 9.5	9.6	78.6	95.3	1.20	1.20	* 15	* 1.61	2.28	* 0.0	9.7	16.9	* 96.3	11.47	822	* *
D * 12:19	* 11147.3	11145.2	11135.0	* 11.7	* 26.3	59	1800	1423	334	* 273	* 9.5	9.6	78.7	94.7	1.20	1.22	* 15	* 1.61	2.28	* 0.0	9.7	16.9				