

* BIT # 19 SMITH F2 BIT DIAMETER : 12.25 inch NOZZ 16/16/16										MUD RHEOLOGICAL PARAMETERS : PV = 13 YP = 14 GEL = 5 *															
* DEPTHS			* DRILLING PARAMETERS							* MUD PARAMETERS				* GAS *			* OVERPRESSURE SURVEY			* ACCUMULATED ON BIT *					
* TIME	* MEASURED	* VERTCL	* LAGGED	* ROP	* WOB	* RPM	* TORQ	* PRESS	* FLOW	* PIT	* DENSITY	* TEMPERATURE		* RESISTIVITY		* DCS	* NORM	* PF	* ECD	* FRAC	* FEET	* TIME	* COST		
* Hr:mn	* feet	* feet	* feet	* ft/h	* klbs	* rpm	* ftlb	* psi	* gpm	* bbbls	* ppg	* IN	* OUT	* IN	* OUT	* ohm	* unit	* ppg	* ppg	* ppg	* feet	* Dhr	* \$		
D * 17: 2	* 7304.5	7302.9	7265.0	* 43.9	* 25.3	88	2700	1830	570	* 436	* 9.2	9.2	80.9	94.9	.71	.69	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1024.	35.25	155 *
D * 17: 4	* 7305.5	7304.2	7265.0	* 37.4	* 28.0	91	3400	1830	579	* 434	* 9.2	9.2	80.9	95.2	.71	.70	* 7	* 1.14	1.42	* 10.7	9.3	16.0	* 1025.	35.28	155 *
D * 17: 5	* 7306.2	7304.8	7266.0	* 50.6	* 27.8	90	3300	1830	570	* 434	* 9.2	9.2	80.9	95.3	.71	.70	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1026.	35.29	155 *
D * 17: 7	* 7307.1	7305.7	7267.0	* 24.2	* 28.2	89	3200	1835	570	* 432	* 9.2	9.2	81.0	94.9	.71	.70	* 7	* 1.28	1.42	* 9.7	9.3	15.7	* 1027.	35.33	155 *
D * 17:16	* 7309.0	7307.7	7269.0	* 500.1	* 27.0	85	3000	1893	589	* 444	* 9.2	9.2	81.0	95.1	.71	.70	* 7	* .49	1.42	* 9.7	9.3	15.7	* 1029.	35.36	155 *
D * 17:18	* 7310.4	7309.0	7271.0	* 35.4	* 23.0	96	3100	1736	556	* 432	* 9.3	9.2	81.0	97.0	.71	.69	* 7	* 1.21	1.42	* 10.2	9.3	15.8	* 1030.	35.40	155 *
D * 17:19	* 7311.3	7309.0	7271.0	* 35.4	* 25.3	91	3200	1736	559	* 430	* 9.3	9.2	81.0	96.4	.71	.69	* 7	* 1.21	1.42	* 10.2	9.3	15.8	* 1030.	35.41	155 *
D * 17:21	* 7312.0	7310.7	7273.0	* 42.7	* 25.4	88	3100	1741	556	* 430	* 9.2	9.3	81.0	95.6	.71	.70	* 7	* 1.12	1.42	* 10.9	9.3	16.0	* 1032.	35.43	155 *
D * 17:23	* 7313.1	7311.7	7274.0	* 22.7	* 23.2	88	3000	1741	554	* 428	* 9.3	9.3	81.1	95.5	.71	.70	* 7	* 1.26	1.42	* 9.8	9.3	15.7	* 1033.	35.48	155 *
D * 17:26	* 7314.2	7312.8	7272.0	* 29.8	* 23.8	91	3100	1741	560	* 430	* 9.2	9.2	81.2	95.3	.71	.71	* 7	* 1.21	1.42	* 10.2	9.3	15.8	* 1034.	35.51	155 *
D * 17:27	* 7315.1	7312.8	7272.0	* 29.8	* 24.6	89	3000	1741	570	* 426	* 9.2	9.2	81.2	95.3	.71	.70	* 7	* 1.21	1.42	* 10.2	9.3	15.8	* 1034.	35.54	155 *
D * 17:30	* 7316.4	7315.1	7273.0	* 32.8	* 23.6	91	3000	1736	556	* 428	* 9.2	9.2	81.3	95.5	.71	.70	* 7	* 1.15	1.42	* 10.6	9.3	15.9	* 1036.	35.58	155 *
D * 17:31	* 7317.6	7316.3	7276.0	* 43.5	* 26.3	89	3100	1741	556	* 426	* 9.2	9.2	81.3	95.7	.71	.70	* 7	* 1.10	1.42	* 9.7	9.3	15.7	* 1037.	35.61	154 *
D * 17:33	* 7318.0	7316.7	7276.0	* 15.5	* 21.1	89	3100	1736	552	* 426	* 9.2	9.2	81.3	96.0	.71	.70	* 7	* 1.34	1.42	* 9.7	9.3	15.7	* 1038.	35.63	155 *
D * 17:34	* 7319.2	7317.9	7278.0	* 82.8	* 24.6	88	3200	1741	557	* 426	* 9.2	9.2	81.4	96.5	.71	.69	* 7	* .94	1.42	* 9.7	9.3	15.7	* 1039.	35.65	154 *
D * 17:36	* 7320.7	7318.7	7278.0	* 26.5	* 21.3	89	2900	1741	556	* 422	* 9.2	9.2	81.5	95.9	.71	.70	* 7	* 1.22	1.42	* 10.2	9.3	15.8	* 1040.	35.68	154 *
D * 17:36	* 7321.1	7318.7	7280.0	* 26.5	* 33.0	87	3500	1736	551	* 422	* 9.2	9.3	81.5	95.3	.71	.71	* 7	* 1.22	1.42	* 10.2	9.3	15.8	* 1040.	35.70	154 *
D * 17:38	* 7322.4	7319.7	7280.0	* 63.5	* 21.8	91	2900	1741	553	* 422	* 9.2	9.2	81.5	94.9	.71	.71	* 7	* 1.01	1.42	* 9.7	9.3	15.7	* 1041.	35.72	154 *
D * 17:39	* 7323.2	7321.1	7283.0	* 62.9	* 23.8	88	2600	1736	554	* 422	* 9.3	9.3	81.5	95.4	.71	.70	* 7	* .99	1.42	* 9.7	9.3	15.7	* 1042.	35.74	154 *
D * 17:44	* 7324.0	7322.7	7284.0	* 10.7	* 28.2	89	2500	1727	554	* 420	* 9.2	9.2	81.7	94.8	.71	.71	* 7	* 1.46	1.42	* 9.7	9.3	15.7	* 1044.	35.82	154 *
D * 17:46	* 7325.2	7323.9	7285.0	* 38.5	* 25.8	91	3100	1741	556	* 420	* 9.2	9.2	81.5	94.9	.71	.71	* 7	* 1.14	1.42	* 10.7	9.3	16.0	* 1045.	35.85	154 *
D * 17:47	* 7326.1	7323.9	7287.0	* 38.5	* 19.6	89	2700	1736	552	* 418	* 9.3	9.2	81.6	94.7	.71	.70	* 7	* 1.14	1.42	* 10.7	9.3	16.0	* 1045.	35.87	154 *
D * 17:49	* 7327.3	7326.0	7287.0	* 51.8	* 21.4	88	2900	1736	556	* 420	* 9.3	9.3	81.7	95.0	.71	.70	* 7	* 1.03	1.42	* 9.7	9.3	15.7	* 1047.	35.90	154 *
D * 17:50	* 7328.0	7326.7	7288.0	* 67.2	* 22.6	87	2800	1736	561	* 418	* 9.2	9.2	81.6	95.1	.71	.70	* 7	* .97	1.42	* 9.7	9.3	15.7	* 1048.	35.91	154 *
D * 17:51	* 7329.5	7328.1	7288.0	* 45.4	* 25.3	89	3300	1741	556	* 418	* 9.3	9.3	81.6	95.5	.71	.70	* 7	* 1.07	1.42	* 9.7	9.3	15.7	* 1049.	35.94	154 *
D * 17:52	* 7330.2	7328.9	7288.0	* 40.4	* 25.8	88	3200	1745	556	* 418	* 9.2	9.3	81.7	95.5	.71	.70	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1050.	35.96	154 *
D * 17:54	* 7331.1	7329.8	7288.0	* 40.3	* 27.9	91	3300	1741	556	* 416	* 9.3	9.2	81.7	95.7	.71	.70	* 7	* 1.14	1.42	* 10.7	9.3	16.0	* 1051.	35.98	154 *
D * 17:56	* 7332.4	7331.0	7289.0	* 40.5	* 27.3	91	3100	1745	553	* 418	* 9.3	9.3	81.7	95.4	.71	.71	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1052.	36.02	154 *
D * 17:58	* 7333.5	7331.0	7291.0	* 40.5	* 19.9	89	2000	1741	556	* 416	* 9.2	9.3	81.7	95.3	.71	.71	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1052.	36.05	154 *
D * 17:58	* 7334.4	7333.0	7291.0	* 77.8	* 24.4	90	3100	1741	556	* 416	* 9.3	9.3	81.7	95.6	.71	.70	* 7	* .95	1.42	* 9.7	9.3	15.7	* 1054.	36.06	154 *
D * 18: 0	* 7335.2	7333.0	7291.0	* 77.8	* 28.0	88	2900	1741	560	* 416	* 9.3	9.3	81.3	95.7	.71	.71	* 7	* .95	1.42	* 9.7	9.3	15.7	* 1054.	36.08	154 *
D * 18: 8	* 7336.2	7334.8	7296.0	* 33.2	* 23.4	96	3000	1866	578	* 436	* 9.2	9.3	79.7	96.4	.72	.70	* 7	* 1.11	1.42	* 9.7	9.3	15.7	* 1056.	36.11	154 *
D * 18:10	* 7337.1	7335.8	7296.0	* 38.1	* 30.6	93	3500	1853	578	* 434	* 9.3	9.3	79.3	97.0	.72	.69	* 7	* 1.14	1.42	* 10.8	9.3	16.0	* 1057.	36.13	153 *
D * 18:11	* 7338.1	7336.8	7298.0	* 45.2	* 28.9	93	3500	1853	577	* 438	* 9.2	9.3	79.3	96.7	.72	.70	* 7	* 1.09	1.42	* 9.7	9.3	15.7	* 1058.	36.16	153 *
D * 18:13	* 7339.2	7337.9	7298.0	* 35.1	* 24.4	96	3200	1848	578	* 432	* 9.2	9.2	79.2	96.1	.72	.70	* 7	* 1.14	1.42	* 10.7	9.3	16.0	* 1059.	36.19	153 *
D * 18:14	* 7340.4	7339.1	7299.0	* 51.0	* 26.4	95	3500	1835	578	* 432	* 9.2	9.3	79.0	96.5	.72	.70	* 7	* 1.05	1.42	* 9.7	9.3	15.7	* 1060.	36.21	153 *
D * 18:15	* 7341.0	7339.7	7299.0	* 43.3	* 22.6	92	2700	1830	578	* 432	* 9.2	9.3	79.1	96.2	.71	.70	* 7	* 1.08	1.42	* 9.7	9.3	15.7	* 1061.	36.23	153 *
D * 18:17	* 7342.3	7340.9	7301.0	* 46.9	* 23.4	101	3200	1826	579	* 434	* 9.2	9.3	79.0	95.3	.71	.71	* 7	* 1.04	1.42	* 9.7	9.3	15.7	* 1062.	36.25	153 *
D * 18:18	* 7343.1	7341.7	7301.0	* 33.9	* 26.2	99	3300	1826	578	* 436	* 9.2	9.3	78.8	95.3	.71	.70	* 7	* 1.16	1.42	* 10.6	9.3	15.9	* 1063.	36.27	153 *
D * 18:20	* 7344.3	7342.7	7303.0	* 37.7	* 26.0	97	3300	1822	578	* 434	* 9.2	9.2	78.8	95.7	.71	.70	* 7	* 1.13	1.42	* 10.8	9.3	16.0	* 1064.	36.30	153 *
D * 18:22	* 7345.5	7342.7	7304.0	* 37.7	* 25.8	95	3200	1813	578	* 438	* 9.2	9.3	78.8	95.2	.71	.70	* 7	* 1.13	1.42	* 10.8	9.3	16.0	* 1064.	36.33	153 *
D * 18:22	* 7346.1	7344.7	7304.0	* 49.9	* 26.6	93	3000	1813	578	* 438	* 9.2	9.3	78.8	94.6	.71	.71	* 7	* 1.06	1.42	* 9.7	9.3	15.7	* 1066.	36.35	153 *
D * 18:24	* 7347.3	7346.0	7306.0	* 37.5	* 23.8	95	3100	1813	578	* 440	* 9.2	9.2	78.6	95.0	.71	.71	* 7	* 1.16	1.42	* 10.6	9.3	15.9	* 1067.	36.38	153 *
D * 18:26	* 7348.1	7346.0	7307.0	* 37.5	* 24.8	97	3100	1813	578	* 440	* 9.2	9.3	78.6	94.9	.71	.71	* 7	* 1.16	1.42	* 10.6	9.3	15.9	* 1067.	36.40	153 *
D * 18:27	* 7349.3	7346.8	7307.0	* 29.3	* 19.5	96	2700	1804	578	* 442	* 9.2	9.2	78.6	94.8	.71	.71	* 7	* 1.17	1.42	* 10.5	9.3	15.9	* 1068.	36.42	153 *
D * 18:28	* 7350.1	7348.7	7307.0	* 45.8	* 16.9	93	2900	1804	577	* 442	* 9.2	9.2	78.6	94.5	.71	.71	* 7	* 1.07	1.42	* 9.7	9.3	15.7	* 1070.	36.44	153 *
D * 18:30	* 7351.3	7350.0	7307.0	* 30.6	* 21.8	99	3100	1804	582	* 446	* 9.2	9.2	78.6	95.3	.71	.70	* 7	* 1.16	1.42	* 10.6	9.3	15.9	* 1071.	36.48	153 *
D * 18:31	* 7352.1	7350.8	7307.0	* 42.2	* 22.4	95	3100	1799	582	* 446	* 9.2	9.2	78.6	95.4	.71	.70	* 7	* .54	1.42	* 9.7	9.3	15.7	* 1072.	36.48	152 *
D * 18:32	* 7353.0	7351.7																							