

\* BIT # 6 SMITH SDS BIT DIAMETER : 12.25 inch NOZZ 12/12/13 HUD RHEOLOGICAL PARAMETERS : PV = 3 YP = 4 GEL = 1 \*

466334

* TIME *	* DEPTHS *			* DRILLING PARAMETERS *					* MUD PARAMETERS *				* GAS *			* OVERPRESSURE SURVEY *			* ACCUMULATED ON BIT *						
	* MEASURED *	* VERTCL *	* LAGGED *	* ROP *	* WOB *	RPM	TORQ	PRSS	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	* bbls *	ppg	degF	degF	ohm	* unit *		ppg	ppg	ppg	* feet *	DHr	\$			
D * 18:14	* 1473.6	1473.7	440.0	* 30.0 *	* 13.9 *	45	1100	2241	532	* 593 *	8.6	8.6	58.3	65.1	.20	.23	* 11 *	.70	.05	* 10.9	8.6	13.7	* 109.4	1.26	197 *
D * 18:15	* 1478.6	1478.2	440.0	* 1012. *	* 14.4 *	46	1400	2237	537	* 509 *	8.6	8.6	58.3	65.3	.20	.23	* 16 *	.18	.05	* 10.9	8.6	13.7	* 114.0	1.27	190 *
D * 18:16	* 1482.8	1481.4	440.0	* 916.6 *	* 7.3 *	44	1200	2241	540	* 585 *	8.6	8.6	58.3	65.5	.20	.22	* 19 *	.17	.05	* 10.9	8.6	13.7	* 117.1	1.28	185 *
D * 18:16	* 1486.5	1484.7	440.0	* 723.3 *	* 3.3 *	49	700	2237	542	* 585 *	8.6	8.6	58.3	65.5	.20	.22	* 20 *	.15	.05	* 10.9	8.6	13.7	* 122.3	1.28	177 *
D * 18:16	* 1488.7	1487.6	440.0	* 519.2 *	* 3.0 *	56	800	2237	540	* 583 *	8.6	8.6	58.3	65.6	.20	.22	* 20 *	.26	.05	* 10.9	8.6	13.7	* 123.4	1.28	176 *
D * 18:17	* 1493.4	1492.0	440.0	* 870.5 *	* 2.5 *	55	600	2241	532	* 581 *	8.6	8.6	58.3	65.9	.20	.22	* 19 *	.16	.05	* 10.9	8.6	13.7	* 127.7	1.29	170 *
D * 18:17	* 1495.3	1495.2	440.0	* 753.2 *	* -2.3 *	55	600	2237	542	* 579 *	8.6	8.6	58.3	66.0	.20	.22	* 19 *	-.00	.05	* 10.9	8.6	13.7	* 131.0	1.29	166 *
D * 18:17	* 1497.0	1497.0	440.0	* 459.0 *	* -2.0 *	55	600	2237	532	* 577 *	8.6	8.6	58.3	66.1	.20	.21	* 19 *	.00	.05	* 10.9	8.6	13.7	* 132.9	1.30	164 *
D * 18:17	* 1498.2	1497.1	440.0	* 57.8 *	* -2.7 *	55	600	2237	532	* 577 *	8.6	8.6	58.3	66.2	.20	.22	* 20 *	.00	.05	* 10.9	8.6	13.7	* 132.9	1.30	164 *
D * 18:18	* 1499.4	1499.2	440.0	* 234.2 *	* .6 *	56	600	2241	537	* 501 *	8.6	8.6	58.3	66.3	.20	.21	* 22 *	.32	.05	* 10.9	8.6	13.7	* 135.0	1.30	161 *
D * 18:18	* 1500.3	1500.2	440.0	* 259.3 *	* 3.2 *	56	600	2246	537	* 576 *	8.6	8.6	58.3	66.3	.20	.21	* 22 *	.34	.05	* 10.9	8.6	13.7	* 136.0	1.31	160 *
D * 18:21	* 1501.0	1501.1	440.0	* 45.9 *	* 1.8 *	52	500	2237	537	* 562 *	8.6	8.6	58.3	66.0	.20	.21	* 9 *	.68	.05	* 10.5	8.6	13.5	* 136.9	1.33	160 *
D * 18:33	* 1503.9	1503.1	440.0	* 463.9 *	* -1.1 *	90	700	2213	544	* 574 *	8.6	8.6	58.3	64.9	.20	.21	* 5 *	-.00	.05	* 10.9	8.6	13.7	* 138.9	1.35	158 *
D * 18:33	* 1506.2	1504.2	440.0	* 582.1 *	* -1.1 *	88	800	2112	547	* 574 *	8.6	8.6	58.3	64.7	.20	.21	* 5 *	.00	.05	* 10.9	8.6	13.7	* 142.1	1.36	155 *
D * 18:33	* 1509.4	1508.6	440.0	* 752.4 *	* .1 *	87	800	2093	527	* 572 *	8.6	8.6	58.4	64.6	.20	.22	* 5 *	-.00	.05	* 10.9	8.6	13.7	* 145.3	1.36	151 *
D * 18:34	* 1512.3	1511.3	440.0	* 460.0 *	* -4 *	85	1100	2093	525	* 568 *	8.6	8.6	58.4	64.6	.20	.21	* 5 *	-.00	.05	* 10.9	8.6	13.7	* 147.1	1.37	150 *
D * 18:34	* 1515.1	1514.2	440.0	* 232.7 *	* 2.8 *	90	900	2112	518	* 570 *	8.6	8.6	58.3	64.6	.20	.21	* 5 *	.40	.05	* 10.9	8.6	13.7	* 150.0	1.37	147 *
D * 18:34	* 1516.7	1516.4	440.0	* 598.9 *	* .7 *	90	800	2112	512	* 566 *	8.6	8.6	58.4	64.7	.20	.21	* 5 *	.26	.05	* 10.9	8.6	13.7	* 152.1	1.37	145 *
D * 18:35	* 1518.8	1518.1	440.0	* 424.0 *	* 1.4 *	91	800	2116	512	* 562 *	8.6	8.6	58.3	64.8	.20	.21	* 7 *	.36	.05	* 10.9	8.6	13.7	* 153.0	1.38	143 *
D * 18:35	* 1519.6	1519.5	440.0	* 388.8 *	* 1.4 *	92	800	2107	520	* 560 *	8.6	8.6	58.3	64.9	.20	.21	* 7 *	.36	.05	* 10.9	8.6	13.7	* 155.3	1.38	142 *
D * 18:35	* 1521.2	1520.5	440.0	* 273.0 *	* 1.8 *	91	800	2112	528	* 562 *	8.6	8.6	58.3	65.0	.20	.22	* 7 *	.41	.05	* 10.9	8.6	13.7	* 156.3	1.38	141 *
D * 18:35	* 1522.6	1522.1	440.0	* 293.0 *	* 2.5 *	92	800	2116	518	* 564 *	8.6	8.6	58.4	65.0	.20	.22	* 7 *	.44	.05	* 10.9	8.6	13.7	* 157.9	1.39	140 *
D * 18:35	* 1523.6	1523.4	440.0	* 331.1 *	* 1.8 *	90	900	2112	518	* 560 *	8.6	8.6	58.4	65.0	.20	.22	* 5 *	.40	.05	* 10.9	8.6	13.7	* 159.2	1.39	139 *
D * 18:36	* 1526.0	1525.8	440.0	* 269.2 *	* 7.5 *	90	1000	2112	522	* 558 *	8.6	8.6	58.4	65.1	.20	.22	* 7 *	.50	.05	* 10.9	8.6	13.7	* 161.6	1.40	137 *
D * 18:36	* 1528.6	1528.0	440.0	* 633.8 *	* 4.9 *	90	900	2121	520	* 554 *	8.6	8.6	58.4	65.3	.20	.22	* 7 *	.34	.05	* 10.9	8.6	13.7	* 163.0	1.40	135 *
D * 18:37	* 1529.7	1529.4	440.0	* 360.5 *	* 4.4 *	91	900	2102	518	* 550 *	8.6	8.6	58.4	65.3	.20	.22	* 5 *	.44	.05	* 10.9	8.6	13.7	* 165.2	1.41	134 *