

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

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *						* MUD PARAMETERS *				* GAS *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *		
		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 *	* bbls *	* IN *	* OUT *	* IN *	* OUT *	* ohm *	* unit *	* ppq *	* ppq *	* ppq *	* ppq *	* feet *	* Dhr *	* \$ *		
D * 22:57	* 1988.2	1995.6	1895.0	* 39.3	* 1.7	95	1000	1431	419	* 492	* 8.6	8.6	60.5	65.8	.22	.27	* 5	* .38	.89	* 11.0	8.6	14.0	* 646.5	3.00	43 *
D * 22:57	* 1990.6	1998.0	1895.0	* 743.6	* 1.9	99	1000	1436	415	* 498	* 8.6	8.6	60.6	65.8	.22	.26	* 5	* .24	.89	* 11.0	8.6	14.0	* 647.9	3.00	43 *
D * 22:58	* 1992.7	2000.1	1895.0	* 583.4	* 2.1	97	1000	1431	415	* 498	* 8.6	8.6	60.6	65.8	.22	.27	* 5	* .27	.89	* 11.0	8.6	14.0	* 651.3	3.01	43 *
D * 22:58	* 1994.1	2002.5	1895.0	* 269.8	* 1.5	96	1000	1422	424	* 490	* 8.6	8.6	60.5	65.7	.22	.27	* 5	* .38	.89	* 11.0	8.6	14.0	* 652.3	3.01	43 *
D * 22:58	* 1995.4	2003.8	1895.0	* 354.5	* 2.1	97	1000	1422	425	* 494	* 8.6	8.6	60.5	65.7	.22	.26	* 5	* .36	.89	* 11.0	8.6	14.0	* 653.6	3.02	43 *
D * 22:58	* 1996.2	2003.8	1895.0	* 354.5	* 1.7	99	900	1426	425	* 496	* 8.6	8.6	60.6	65.7	.22	.26	* 5	* .36	.89	* 11.0	8.6	14.0	* 653.6	3.02	43 *
D * 22:58	* 1997.5	2005.9	1895.0	* 489.1	* 3.3	97	1000	1431	425	* 494	* 8.6	8.6	60.6	65.6	.22	.26	* 5	* .33	.89	* 11.0	8.6	14.0	* 655.0	3.02	43 *
D * 22:59	* 1999.5	1997.5	1895.0	* 443.0	* 2.9	99	900	1436	425	* 490	* 8.6	8.6	60.5	65.5	.22	.26	* 5	* .34	.89	* 11.0	8.6	14.0	* 656.6	3.02	43 *
D * 22:59	* 2000.5	1999.6	1895.0	* 349.2	* 3.2	100	900	1440	420	* 488	* 8.6	8.6	60.5	65.5	.22	.26	* 7	* .39	.89	* 11.0	8.6	14.0	* 658.7	3.03	43 *
D * 22:59	* 2001.3	2000.2	1895.0	* 307.4	* 3.6	100	900	1436	420	* 488	* 8.6	8.6	60.6	65.5	.22	.26	* 7	* .42	.89	* 11.0	8.6	14.0	* 659.3	3.03	43 *
D * 22:59	* 2002.2	2000.2	1895.0	* 307.4	* 4.0	100	900	1440	419	* 490	* 8.6	8.6	60.5	65.5	.22	.25	* 7	* .42	.89	* 11.0	8.6	14.0	* 659.3	3.03	43 *
D * 22:59	* 2003.9	2002.7	1895.0	* 298.5	* 3.6	99	900	1440	419	* 492	* 8.6	8.6	60.5	65.4	.22	.26	* 7	* .42	.89	* 11.0	8.6	14.0	* 661.9	3.04	42 *
D * 23: 0	* 2004.4	2002.7	1895.0	* 298.5	* 3.6	99	900	1436	419	* 490	* 8.6	8.6	60.6	65.3	.22	.26	* 7	* .34	.89	* 11.0	8.6	14.0	* 662.7	3.04	42 *
D * 23: 0	* 2005.9	2004.5	1895.0	* 259.8	* 3.2	99	900	1440	424	* 490	* 8.6	8.6	60.5	65.2	.22	.26	* 7	* .44	.89	* 11.0	8.6	14.0	* 663.6	3.04	42 *
D * 23: 0	* 2006.8	2006.0	1895.0	* 394.7	* 4.2	97	1000	1440	425	* 486	* 8.6	8.6	60.6	65.2	.22	.26	* 7	* .51	.89	* 11.0	8.6	14.0	* 665.4	3.05	42 *
D * 23: 0	* 2007.9	2006.3	1895.0	* 105.7	* 2.6	96	1100	1436	425	* 484	* 8.6	8.6	60.5	65.1	.22	.26	* 7	* .39	.89	* 11.0	8.6	14.0	* 666.7	3.05	42 *
D * 23: 1	* 2009.9	2008.2	1895.0	* 363.9	* 3.2	96	1000	1436	425	* 484	* 8.6	8.6	60.5	65.1	.22	.26	* 7	* .36	.89	* 11.0	8.6	14.0	* 667.4	3.06	42 *
D * 23: 1	* 2010.1	2008.2	1895.0	* 363.9	* 1.8	96	1100	1436	423	* 486	* 8.6	8.6	60.5	65.0	.22	.26	* 7	* .36	.89	* 11.0	8.6	14.0	* 667.4	3.06	42 *
D * 23: 1	* 2011.2	2010.3	1895.0	* 321.3	* 3.8	97	1200	1440	419	* 482	* 8.6	8.6	60.6	65.0	.22	.26	* 7	* .41	.89	* 11.0	8.6	14.0	* 669.4	3.06	42 *
D * 23: 1	* 2012.5	2011.2	1895.0	* 261.8	* 3.8	96	1200	1440	419	* 478	* 8.6	8.6	60.6	65.0	.22	.26	* 7	* .44	.89	* 11.0	8.6	14.0	* 670.4	3.06	42 *
D * 23: 1	* 2013.4	2012.5	1895.0	* 358.3	* 3.8	99	1300	1440	420	* 488	* 8.6	8.6	60.5	65.0	.22	.26	* 7	* .39	.89	* 11.0	8.6	14.0	* 671.7	3.07	42 *
D * 23: 2	* 2014.6	2013.2	1895.0	* 177.9	* 4.2	98	1100	1440	420	* 482	* 8.6	8.6	60.6	64.9	.22	.26	* 7	* .52	.89	* 11.0	8.6	14.0	* 672.3	3.07	42 *
D * 23: 2	* 2015.2	2013.2	1895.0	* 177.9	* 3.4	99	1000	1440	429	* 476	* 8.6	8.6	60.5	64.9	.22	.26	* 7	* .52	.89	* 11.0	8.6	14.0	* 672.3	3.07	42 *
D * 23: 6	* 2017.0	2016.2	1898.0	* 193.6	* 3.8	91	1000	1426	420	* 466	* 8.6	8.6	60.4	65.0	.22	.29	* 5	* .51	.89	* 11.0	8.6	14.0	* 675.3	3.08	42 *

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