

466478

* BIT # 19 SMITH F2 BIT DIAMETER : 12.25 inch NOZZ 16/16/16
 MUD RHEOLOGICAL PARAMETERS : PV = 11 YP = 9 GEL = 2 *

* 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	GAS	DCS	NORM	PF	ECD	FRAC	FEET	TIME	COST			
* Hr:mn *	* feet *	* feet *	* feet *	* ft/h *	* klbs *	rpm	ftlb	psi	gpm	* bbls *	ppg	degF	ohm	* unit *	ppg	ppg	ppg	* feet *	DHr	* \$ *					
D * 13: 4 *	6638.3	6636.9	6612.0	36.5	19.7	112	2400	1750	574	390	9.2	9.3	82.5	94.0	.64	.63	7	1.12	1.37	10.5	9.2	15.7	357.9	12.19	209
D * 13: 5 *	6639.2	6637.9	6613.0	55.7	16.6	116	2400	1745	575	390	9.2	9.3	82.5	94.5	.64	.63	7	1.01	1.37	9.7	9.2	15.5	358.9	12.21	209
D * 13: 7 *	6640.0	6638.7	6615.0	26.1	15.5	116	2300	1745	575	388	9.2	9.3	82.4	94.5	.64	.62	7	1.16	1.37	10.2	9.2	15.6	359.7	12.24	209
D * 13: 8 *	6641.2	6638.7	6615.0	26.1	18.8	111	2000	1727	575	390	9.2	9.4	82.4	94.8	.64	.62	7	1.16	1.37	10.2	9.2	15.6	359.7	12.26	209
D * 13: 9 *	6642.0	6640.7	6616.0	37.7	16.6	97	2300	1732	575	388	9.2	9.3	82.3	94.3	.64	.63	7	1.12	1.37	10.5	9.2	15.7	361.7	12.28	208
D * 13:50 *	6643.3	6642.0	6617.0	16.3	18.5	111	2900	1777	579	406	9.2	9.3	81.7	88.3	.64	.66	7	1.27	1.37	9.7	9.2	15.5	363.0	12.35	208
D * 13:51 *	6644.2	6642.9	6617.0	40.2	17.1	103	2900	1754	577	388	9.2	9.4	81.6	91.4	.64	.64	7	1.09	1.37	10.8	9.2	15.8	363.9	12.38	208
D * 13:52 *	6645.1	6643.8	6618.0	39.3	17.9	96	2800	1750	575	378	9.2	9.3	81.5	90.2	.64	.64	7	1.07	1.37	10.9	9.2	15.8	364.8	12.40	207
D * 13:55 *	6646.3	6644.7	6618.0	23.0	22.2	103	1700	1768	584	368	9.2	9.3	81.3	94.2	.64	.62	7	1.24	1.37	9.6	9.2	15.4	365.7	12.44	207
D * 13:58 *	6647.1	6645.8	6618.0	28.0	33.4	104	1700	1763	577	362	9.2	9.4	81.0	95.7	.64	.62	7	1.41	1.37	9.7	9.2	15.5	366.8	12.50	207
D * 14: 7 *	6648.7	6647.4	6623.0	11.0	17.5	110	2600	1750	575	356	9.2	9.3	81.0	97.0	.64	.64	7	1.45	1.37	9.7	9.2	15.5	368.4	12.64	208
D * 14: 7 *	6649.1	6647.7	6623.0	39.6	19.0	113	2900	1750	575	358	9.2	9.3	81.1	97.1	.64	.64	7	1.12	1.37	10.5	9.2	15.7	368.7	12.64	208
D * 14: 8 *	6650.0	6648.7	6624.0	59.5	15.5	115	2500	1759	579	356	9.2	9.3	81.2	97.0	.64	.64	7	1.01	1.37	9.7	9.2	15.5	369.7	12.66	207
D * 14:10 *	6651.4	6648.7	6624.0	59.5	14.4	86	2300	1750	579	358	9.2	9.3	81.3	95.6	.64	.65	7	1.01	1.37	9.7	9.3	15.5	369.7	12.69	207
D * 14:12 *	6652.1	6650.0	6625.0	40.3	13.2	87	2600	1745	575	356	9.2	9.3	81.4	95.0	.64	.66	7	1.05	1.37	9.7	9.2	15.5	371.0	12.71	207
D * 14:13 *	6653.1	6650.7	6626.0	31.7	12.9	100	2600	1772	579	356	9.2	9.4	81.5	94.9	.64	.65	7	1.06	1.37	9.7	9.2	15.5	371.7	12.75	207
D * 14:15 *	6654.1	6652.0	6626.0	45.0	16.0	103	2300	1768	579	354	9.2	9.4	81.5	94.0	.64	.66	7	1.07	1.37	10.9	9.2	15.8	373.8	12.77	206
D * 14:17 *	6655.4	6654.1	6627.0	38.5	15.0	107	2500	1768	579	356	9.2	9.4	81.5	94.5	.64	.65	7	1.08	1.37	10.8	9.3	15.8	375.1	12.80	206
D * 14:18 *	6656.0	6654.7	6627.0	28.5	14.5	100	2600	1768	579	354	9.2	9.4	81.5	94.7	.64	.65	7	1.14	1.37	10.4	9.2	15.7	375.7	12.83	205
D * 14:22 *	6657.2	6655.9	6628.0	18.2	11.1	114	2400	1777	579	356	9.2	9.4	81.5	95.7	.65	.65	7	1.11	1.37	10.6	9.2	15.7	376.9	12.89	205
D * 14:24 *	6658.6	6657.2	6628.0	44.2	16.3	100	3000	1768	578	356	9.2	9.4	81.5	95.5	.65	.64	7	1.03	1.37	9.7	9.2	15.5	378.2	12.92	205
D * 14:25 *	6659.0	6657.7	6630.0	37.3	18.5	95	3600	1777	575	358	9.2	9.3	81.6	95.7	.65	.64	7	1.06	1.37	9.7	9.3	15.5	378.7	12.94	205
D * 14:27 *	6660.0	6658.7	6631.0	34.4	11.3	100	1800	1777	579	354	9.2	9.4	81.6	95.0	.65	.65	7	1.05	1.37	9.7	9.2	15.5	379.7	12.97	205
D * 14:28 *	6661.1	6659.8	6631.0	48.2	18.6	106	3400	1768	573	354	9.2	9.4	81.7	94.8	.65	.65	7	1.02	1.37	9.7	9.2	15.5	380.8	12.99	204
D * 14:30 *	6662.1	6660.7	6633.0	36.5	17.4	105	3300	1768	582	354	9.2	9.3	81.6	94.2	.65	.65	7	1.11	1.37	10.6	9.2	15.7	381.7	13.01	204
D * 14:31 *	6663.3	6662.0	6633.0	53.6	14.1	108	2900	1763	582	352	9.2	9.4	81.6	94.4	.65	.66	7	.99	1.37	9.7	9.2	15.5	383.0	13.03	204
D * 14:32 *	6664.3	6663.0	6634.0	47.2	22.2	97	2500	1772	584	352	9.2	9.4	81.7	94.1	.65	.65	7	1.04	1.37	9.7	9.2	15.5	384.0	13.06	203
D * 14:36 *	6665.0	6663.0	6636.0	47.2	9.0	109	2700	1754	579	350	9.2	9.4	81.6	94.4	.65	.65	7	1.04	1.37	9.7	9.2	15.5	384.0	13.11	203
D * 14:37 *	6666.5	6665.1	6637.0	87.6	15.1	87	2300	1741	570	350	9.2	9.4	81.5	95.0	.65	.65	7	.87	1.37	9.7	9.2	15.5	386.1	13.13	203
D * 14:38 *	6667.3	6666.0	6637.0	40.6	14.9	93	2500	1763	573	350	9.2	9.4	81.6	95.5	.65	.64	7	1.02	1.37	9.7	9.2	15.5	387.0	13.15	202
D * 14:40 *	6668.1	6666.8	6639.0	25.7	16.9	89	2100	1759	579	346	9.2	9.4	81.6	97.4	.65	.63	7	1.10	1.37	10.7	9.2	15.8	387.8	13.18	202
D * 14:42 *	6669.3	6668.0	6641.0	38.6	16.0	95	3800	1750	575	346	9.2	9.4	81.5	96.6	.65	.63	7	1.02	1.37	9.7	9.2	15.5	389.0	13.21	202
D * 14:43 *	6670.0	6668.7	6642.0	25.7	21.5	98	1900	1772	579	348	9.2	9.4	81.6	97.2	.65	.63	7	1.13	1.37	10.5	9.2	15.7	389.7	13.23	202
D * 14:52 *	6671.2	6668.7	6642.0	25.7	16.0	84	1700	1709	559	356	9.2	9.4	81.9	95.0	.65	.64	7	1.13	1.37	10.5	9.2	15.7	389.7	13.27	202
D * 14:52 *	6672.3	6670.9	6642.0	58.7	16.7	86	1600	1718	565	354	9.1	9.4	81.9	95.7	.65	.65	7	.97	1.37	9.7	9.2	15.5	391.9	13.27	201
D * 14:55 *	6673.3	6670.9	6481.0	58.7	16.9	78	2700	1691	561	345	9.2	9.4	81.9	97.8	.65	.63	7	.97	1.37	9.7	9.2	15.5	391.9	13.33	201
D * 14:57 *	6674.1	6672.8	6639.0	26.2	20.9	85	4000	1696	572	345	9.2	9.3	82.0	97.4	.65	.63	7	1.16	1.37	10.2	9.2	15.6	393.8	13.36	201
D * 15: 0 *	6675.2	6672.8	6643.0	26.2	16.8	85	1700	1714	569	343	9.2	9.3	82.0	97.8	.65	.63	7	1.16	1.37	10.2	9.2	15.6	393.8	13.40	201
D * 15: 1 *	6676.1	6674.8	6644.0	67.4	24.0	84	2700	1709	569	343	9.2	9.3	82.1	97.4	.65	.64	7	.92	1.37	9.7	9.2	15.5	395.8	13.42	200
D * 15: 1 *	6677.0	6674.8	6644.0	67.4	24.3	89	2600	1718	565	343	9.1	9.3	82.1	98.2	.65	.63	7	.92	1.37	9.7	9.2	15.5	395.8	13.43	200
D * 15: 4 *	6678.4	6676.9	6645.0	29.3	17.0	80	2200	1709	566	341	9.2	9.3	82.3	98.3	.65	.63	7	1.14	1.37	10.4	9.2	15.7	397.9	13.47	200
D * 15: 5 *	6679.1	6677.8	6645.0	53.8	22.9	86	3100	1893	565	339	9.2	9.3	82.4	98.1	.65	.63	7	1.03	1.37	9.7	9.2	15.5	398.8	13.49	200
D * 15: 6 *	6680.1	6678.8	6646.0	69.5	22.4	86	3900	1826	592	339	9.2	9.3	82.4	98.4	.65	.63	7	.95	1.37	9.7	9.3	15.5	399.8	13.50	199
D * 15: 7 *	6681.0	6679.7	6646.0	47.3	18.9	96	2300	1804	583	339	9.2	9.3	82.5	97.9	.65	.63	7	1.05	1.37	9.7	9.3	15.5	400.7	13.52	199
D * 15: 9 *	6682.6	6681.2	6647.0	43.5	19.0	91	2700	1804	587	339	9.2	9.3	82.6	98.4	.65	.63	7	1.06	1.37	9.7	9.3	15.5	402.2	13.55	198
D * 15:10 *	6683.0	6681.2	6647.0	43.5	17.1	99	2000	1822	578	339	9.2	9.3	82.7	97.9	.65	.63	7	1.06	1.37	9.7	9.3	15.5	402.2	13.56	198
D * 15:10 *	6684.1	6682.7	6647.0	441.6	14.8	93	1600	1835	587	339	9.2	9.3	82.7	97.9	.65	.64	7	.52	1.37	9.7	9.2	15.5	403.7	13.57	198
D * 15:11 *	6685.0	6683.7	6647.0	52.1	23.7	89	2900	1808	587	339	9.2	9.3	82.7	97.8	.65	.64	7	1.01	1.37	9.7	9.2	15.5	404.7	13.58	198
D * 15:13 *	6686.4	6683.7	6647.0	52.1	15.1	96	1900	1822	587	341	9.2	9.3	82.9	98.3	.65	.64	7	1.01	1.37	9.7	9.2	15.5	404.7	13.61	198