

* BIT # 30 SMITH F3 BIT DIAMETER : 8.50 inch NOZZ 13/13/13
 * HUD RHEOLOGICAL PARAMETERS : PV = 17 YP = 10 GEL = 3 *

* 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		* GAS	* DCS	* NORM	* PF	* ECD	* FRAC	* FEET	* TIME	* COST	
* Hr:mn	* feet	feet	feet	* ft/h	* klbs	rpm	ftlb	psi	gpm	* bbls	ppg	IN	OUT	IN	OUT	* unit		ppg	ppg	ppg	feet	Dhr	\$		
D * 7:17	* 10612.2	10606.6	9007.0	* 4.7	* 31.3	60	1000	1402	325	* 514	* 9.8	10.1	73.4	87.1	1.26	1.07	* 7	* 1.97	2.19	* 10.1	10.0	17.1	* 1.1	.14	31378
D * 7:27	* 10613.3	10606.6	9007.0	* 4.7	* 30.8	65	1000	2364	325	* 512	* 9.6	9.7	72.8	96.3	1.24	1.19	* 7	* 1.97	2.19	* 10.1	9.8	17.1	* 1.1	.32	31378
D * 7:33	* 10614.2	10607.7	9007.0	* 6.1	* 34.3	65	1000	2374	325	* 510	* 9.6	9.6	73.1	97.5	1.24	1.21	* 7	* 1.87	2.19	* 8.8	9.8	16.7	* 2.2	.40	15998
D * 7:38	* 10615.2	10609.6	9007.0	* 12.3	* 36.8	63	1900	2369	325	* 508	* 9.6	9.6	73.8	98.3	1.23	1.22	* 7	* 1.76	2.19	* 8.8	9.8	16.7	* 4.1	.49	8635
D * 7:46	* 10616.1	10610.5	9007.0	* 6.6	* 37.9	66	1000	2374	325	* 506	* 9.6	9.6	74.7	99.0	1.23	1.22	* 7	* 1.95	2.19	* 10.2	9.8	17.1	* 4.9	.62	7250
D * 7:49	* 10617.5	10611.5	9007.0	* 19.2	* 38.8	65	1000	2397	316	* 506	* 9.6	9.6	75.1	98.3	1.23	1.23	* 7	* 1.61	2.19	* 8.8	9.8	16.7	* 6.0	.67	6038
D * 7:55	* 10618.9	10613.3	9007.0	* 18.5	* 34.8	64	1000	2406	325	* 506	* 9.6	9.6	76.0	99.0	1.23	1.24	* 7	* 1.64	2.19	* 8.8	9.8	16.7	* 7.8	.77	4656
D * 8: 0	* 10619.0	10613.3	9007.0	* 18.5	* 36.1	66	1700	2397	325	* 504	* 9.6	9.6	76.5	98.7	1.23	1.25	* 7	* 1.64	2.19	* 8.8	9.8	16.7	* 7.8	.82	4656
D * 8: 4	* 10620.1	10613.5	9007.0	* 1.3	* 38.7	65	1000	2303	325	* 504	* 9.6	9.7	77.1	97.2	1.23	1.25	* 7	* 2.43	2.19	* 8.8	9.8	16.7	* 7.9	.88	4614
D * 8:11	* 10621.2	10614.5	9007.0	* 15.4	* 33.9	67	1000	2378	325	* 502	* 9.6	9.9	78.0	100.2	1.23	1.23	* 7	* 1.67	2.19	* 8.8	9.8	16.7	* 9.0	1.00	4106
D * 8:15	* 10622.0	10616.4	9007.0	* 11.9	* 36.7	65	1000	2369	325	* 500	* 9.6	9.8	78.5	100.6	1.23	1.23	* 7	* 1.77	2.19	* 8.8	9.8	16.7	* 10.9	1.07	3436
D * 8:21	* 10623.1	10616.4	9007.0	* 11.9	* 39.8	63	1000	2350	325	* 496	* 9.6	9.8	79.0	100.7	1.23	1.24	* 7	* 1.77	2.19	* 8.8	9.8	16.7	* 10.9	1.16	3436
D * 8:24	* 10624.1	10618.5	10437.0	* 17.9	* 41.1	65	1000	2350	325	* 496	* 9.6	9.7	79.5	101.1	1.23	1.24	* 7	* 1.68	2.19	* 8.8	9.8	16.7	* 13.0	1.22	2929
D * 8:38	* 10625.2	10619.6	10611.0	* 18.7	* 36.8	66	1000	2435	329	* 504	* 9.6	9.5	80.3	98.7	1.23	1.30	* 7	* 1.74	2.19	* 8.8	9.8	16.7	* 14.1	1.32	2727
D * 8:46	* 10626.1	10620.5	10612.0	* 6.9	* 37.2	68	1700	2439	330	* 486	* 9.6	9.7	80.8	99.9	1.24	1.22	* 7	* 1.90	2.19	* 10.5	9.8	17.2	* 15.0	1.45	2597
D * 8:49	* 10627.0	10621.4	10612.0	* 19.2	* 38.8	65	1700	2439	347	* 482	* 9.6	9.7	81.1	99.8	1.23	1.22	* 7	* 1.61	2.19	* 8.8	9.8	16.7	* 15.9	1.50	2457
D * 8:57	* 10628.0	10622.4	10613.0	* 6.7	* 36.2	66	1700	2467	329	* 478	* 9.6	9.7	81.7	100.4	1.23	1.23	* 7	* 1.94	2.19	* 10.3	9.8	17.1	* 16.9	1.64	2344
D * 9: 5	* 10629.2	10623.6	10615.0	* 18.2	* 42.0	69	1700	2449	334	* 478	* 9.5	9.5	82.1	101.5	1.23	1.24	* 7	* 1.85	2.19	* 8.8	9.6	16.7	* 18.1	1.77	2213
D * 9:12	* 10630.1	10624.6	10616.0	* 7.3	* 42.2	67	1900	2449	330	* 478	* 9.4	9.6	82.7	101.4	1.23	1.23	* 7	* 1.95	2.19	* 10.2	9.6	17.1	* 19.0	1.89	2128
D * 9:16	* 10631.3	10625.7	10617.0	* 17.6	* 39.8	65	1000	2458	330	* 476	* 9.4	9.7	83.0	102.1	1.23	1.22	* 7	* 1.71	2.19	* 8.8	9.6	16.7	* 20.2	1.96	2018
D * 9:20	* 10632.1	10625.7	10618.0	* 17.6	* 36.4	67	1700	2463	330	* 476	* 9.4	9.7	83.3	102.1	1.23	1.22	* 7	* 1.71	2.19	* 8.8	9.6	16.7	* 20.2	2.01	2018
D * 9:26	* 10633.1	10627.5	10619.0	* 9.8	* 40.8	67	1700	2467	329	* 474	* 9.5	9.8	83.8	102.4	1.23	1.23	* 7	* 1.89	2.19	* 8.8	9.7	16.7	* 22.0	2.13	1881
D * 9:35	* 10634.2	10628.7	10621.0	* 8.0	* 40.0	65	1700	2458	334	* 472	* 9.6	9.8	84.4	102.2	1.23	1.24	* 7	* 1.92	2.19	* 10.4	9.7	17.2	* 23.1	2.27	1811
D * 9:38	* 10635.1	10629.5	10621.0	* 14.9	* 38.8	65	1000	2458	334	* 472	* 9.6	9.9	84.5	102.6	1.23	1.23	* 7	* 1.68	2.19	* 8.8	9.8	16.7	* 24.0	2.33	1754
D * 9:40	* 10636.0	10629.5	10621.0	* 14.9	* 34.4	63	1700	2463	330	* 472	* 9.7	10.0	84.6	102.6	1.23	1.22	* 7	* 1.68	2.19	* 8.8	9.9	16.7	* 24.0	2.36	1754
D * 9:48	* 10637.2	10631.6	10623.0	* 9.3	* 36.6	69	1700	2463	330	* 478	* 9.7	9.8	85.0	103.0	1.23	1.23	* 7	* 1.80	2.19	* 8.8	9.9	16.7	* 26.0	2.48	1638
D * 9:54	* 10638.2	10631.6	10624.0	* 9.3	* 35.8	65	1000	2463	329	* 474	* 9.7	9.7	85.4	103.1	1.23	1.23	* 7	* 1.80	2.19	* 8.8	9.9	16.7	* 26.0	2.59	1638
D * 10: 4	* 10639.3	10633.7	10625.0	* 32.3	* 26.8	62	1700	2266	315	* 504	* 9.7	9.7	85.5	101.7	1.24	1.26	* 7	* 1.30	2.19	* 8.8	9.9	16.7	* 28.2	2.63	1532
D * 10: 5	* 10640.0	10634.4	10625.0	* 40.6	* 37.8	66	1000	2345	321	* 496	* 9.7	9.7	85.5	100.7	1.24	1.26	* 7	* 1.31	2.19	* 8.8	9.9	16.7	* 28.9	2.64	1496
D * 10:16	* 10641.1	10635.5	10627.0	* 5.9	* 37.8	63	1700	2416	330	* 476	* 9.7	9.7	85.5	101.5	1.24	1.24	* 7	* 1.95	2.19	* 10.2	9.9	17.1	* 30.8	2.81	1464
D * 10:21	* 10642.2	10636.6	10627.0	* 12.2	* 39.3	63	1700	2406	330	* 474	* 9.7	9.7	85.5	102.8	1.24	1.22	* 7	* 1.73	2.19	* 8.8	9.9	16.7	* 31.0	2.89	1423
D * 10:28	* 10643.0	10637.4	10628.0	* 7.6	* 39.6	65	1700	2402	330	* 474	* 9.7	9.7	85.8	103.5	1.24	1.22	* 7	* 1.87	2.19	* 8.8	9.9	16.7	* 31.9	3.01	1397
D * 10:35	* 10644.3	10637.4	10630.0	* 7.6	* 34.5	64	1000	2392	326	* 476	* 9.7	9.7	86.1	103.0	1.24	1.24	* 7	* 1.87	2.19	* 8.8	9.9	16.7	* 31.9	3.13	1397
D * 10:40	* 10645.4	10638.7	10630.0	* 18.8	* 35.8	63	1700	2402	330	* 474	* 9.7	9.7	86.2	102.5	1.24	1.24	* 7	* 1.80	2.19	* 8.8	9.9	16.7	* 33.2	3.21	1358
D * 10:45	* 10646.1	10640.5	10632.0	* 8.8	* 40.0	66	1700	2397	326	* 476	* 9.7	9.8	86.2	103.7	1.24	1.22	* 7	* 1.81	2.19	* 8.8	9.9	16.7	* 35.0	3.29	1304
D * 10:54	* 10647.3	10641.7	10633.0	* 7.4	* 39.8	63	1600	2406	326	* 474	* 9.7	9.7	86.7	103.0	1.24	1.25	* 7	* 1.88	2.19	* 8.8	9.9	16.7	* 36.2	3.45	1277
D * 11: 1	* 10648.1	10642.5	10634.0	* 7.3	* 38.5	63	1700	2402	326	* 478	* 9.7	9.7	86.9	103.7	1.24	1.23	* 7	* 1.88	2.19	* 8.8	9.9	16.7	* 36.9	3.56	1261
D * 11: 7	* 10649.3	10642.5	10636.0	* 7.3	* 34.5	65	1700	2397	327	* 478	* 9.7	9.7	87.2	103.8	1.24	1.24	* 7	* 1.88	2.19	* 8.8	9.9	16.7	* 36.9	3.66	1261
D * 11:16	* 10650.3	10643.7	10637.0	* 11.5	* 37.1	63	1700	2406	330	* 478	* 9.7	9.8	87.4	103.2	1.24	1.24	* 7	* 1.73	2.19	* 8.8	9.9	16.7	* 38.2	3.81	1229
D * 11:23	* 10651.1	10645.5	10638.0	* 7.5	* 38.3	63	1700	2411	330	* 476	* 9.7	9.8	87.4	103.8	1.24	1.24	* 7	* 1.85	2.20	* 8.8	9.9	16.7	* 40.8	3.92	1197
D * 11:30	* 10652.2	10646.6	10640.0	* 9.8	* 37.6	67	1700	2411	330	* 474	* 9.7	9.7	87.6	103.9	1.24	1.23	* 7	* 1.80	2.20	* 8.8	9.9	16.7	* 41.1	4.04	1177
D * 11:37	* 10653.2	10647.6	10641.0	* 8.3	* 39.4	63	1700	2411	329	* 472	* 9.7	9.7	87.8	103.3	1.24	1.24	* 7	* 1.86	2.20	* 8.8	9.9	16.7	* 42.1	4.17	1159
D * 11:43	* 10654.1	10648.5	10642.0	* 8.8	* 37.7	63	1700	2411	326	* 472	* 9.7	9.7	87.8	104.4	1.24	1.23	* 7	* 1.84	2.20	* 8.8	9.9	16.7	* 43.8	4.26	1144
D * 11:48	* 10655.1	10649.5	10642.0	* 13.4	* 40.4	68	1700	2416	329	* 478	* 9.6	9.8	87.8	104.3	1.24	1.23	* 7	* 1.71	2.20	* 8.8	9.8	16.7	* 44.0	4.34	1124
D * 11:54	* 10656.0	10650.4	10643.0	* 9.1	* 43.5	63	1000	2406	330	* 476	* 9.3	9.6	88.0	104.4	1.24	1.23	* 7	* 1.85	2.20	* 8.8	9.5	16.7	* 44.9	4.44	1109
D * 12: 2	* 10657.3	10651.7	10645.0	* 18.8	* 37.7	69	1000	2411	334	* 474	* 9.7	9.7	88.0	104.2	1.24	1.24	* 7	* 1.81	2.20	* 8.8	9.9	16.7	* 46.2	4.57	1089
D * 12: 5	* 10658.6	10652.5	10646.0	* 12.7	* 38.3	65	1000	2421	330	* 474	* 9.6	9.7	88.2	104.3	1.24	1.23	* 7	* 1.78	2.20	* 8.8	9.8	16.7	* 46.9	4.63	1076
D * 12: 8	* 1065																								