

466636

* BIT # 32 SMITH F3 BIT DIAMETER : 0.50 inch NOZZ 13/13/ 0
 * MUD RHEOLOGICAL PARAMETERS : PV = 17 YP = 14 GEL = 4 *

* TIME *	* DEPTH *			* DRILLING PARAMETERS *				* MUD PARAMETERS *				* GAC *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *					
	* MEASURED *	* VERTCL *	* LAGGED *	* ROP *	* WOB *	* RPM *	* TORQ *	* PRESS *	* FLOW IN *	* PIT VOL *	* DENSITY IN *	* DENSITY OUT *	* TEMPERATURE IN *	* TEMPERATURE OUT *	* RESISTIVITY IN *	* RESISTIVITY OUT *	* 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 * 13: 2	* 11155.2	11153.0	11141.0	* 11.3	* 33.1	58	2000	1427	334	* 273	* 9.5	9.6	79.5	95.3	1.21	1.21	* 15	* 1.64	2.29	* 0.8	9.7	16.9	* 105.1	12.27	780
D * 13: 8	* 11156.1	11154.1	11141.0	* 10.2	* 26.2	58	1900	1427	330	* 273	* 9.5	9.6	79.6	95.6	1.21	1.21	* 15	* 1.67	2.29	* 0.8	9.7	16.9	* 106.1	12.37	776
D * 13:13	* 11157.0	11154.1	11142.0	* 10.2	* 29.3	58	1900	1427	334	* 283	* 9.6	9.6	79.7	95.5	1.21	1.21	* 15	* 1.67	2.29	* 0.8	9.7	16.9	* 106.1	12.46	776
D * 13:19	* 11158.1	11156.1	11143.0	* 12.0	* 31.3	62	2100	1419	334	* 285	* 9.5	9.6	79.8	94.6	1.22	1.22	* 15	* 1.61	2.29	* 0.8	9.7	16.9	* 108.1	12.56	768
D * 13:28	* 11159.1	11156.1	11144.0	* 12.0	* 30.5	57	2000	1419	334	* 285	* 9.5	9.6	79.9	95.0	1.22	1.22	* 15	* 1.61	2.29	* 0.8	9.7	16.9	* 108.1	12.70	768
D * 13:34	* 11160.2	11157.0	11145.0	* 6.5	* 30.0	57	1900	1415	330	* 293	* 9.6	9.6	80.0	95.5	1.22	1.19	* 15	* 1.79	2.29	* 0.8	9.7	16.9	* 109.1	12.81	766
D * 13:40	* 11161.3	11159.2	11147.0	* 11.7	* 31.6	58	2000	1415	330	* 297	* 9.6	9.6	80.1	95.8	1.22	1.18	* 15	* 1.60	2.29	* 0.8	9.8	16.9	* 111.3	12.91	758
D * 13:45	* 11162.2	11160.2	11148.0	* 13.1	* 30.7	59	2000	1410	327	* 291	* 9.5	9.6	80.2	96.0	1.22	1.19	* 15	* 1.61	2.29	* 0.8	9.7	16.9	* 112.2	12.98	754
D * 13:52	* 11163.1	11161.0	11149.0	* 6.6	* 28.1	60	2000	1415	330	* 297	* 9.5	9.6	80.2	95.7	1.22	1.19	* 15	* 1.82	2.29	* 0.8	9.7	16.9	* 113.0	13.10	752
D * 14: 1	* 11164.0	11161.0	11151.0	* 6.6	* 33.5	59	2000	1406	330	* 291	* 9.5	9.6	80.4	96.7	1.22	1.16	* 15	* 1.82	2.29	* 0.8	9.7	16.9	* 113.0	13.26	752
D * 14:10	* 11165.1	11162.0	11152.0	* 6.2	* 28.7	62	1900	1406	330	* 297	* 9.5	9.6	80.7	97.0	1.22	1.17	* 15	* 1.82	2.29	* 0.8	9.7	16.9	* 114.0	13.40	751
D * 14:19	* 11166.3	11164.3	11154.0	* 8.4	* 32.0	59	1900	1402	334	* 295	* 9.5	9.6	80.7	97.0	1.22	1.17	* 15	* 1.73	2.29	* 0.8	9.7	16.9	* 116.3	13.55	745
D * 14:31	* 11167.6	11165.5	11155.0	* 21.9	* 19.0	57	2000	1208	303	* 309	* 9.6	9.6	81.0	96.9	1.21	1.17	* 15	* 1.84	2.29	* 0.8	9.7	16.9	* 117.6	13.61	739
D * 14:31	* 11168.1	11165.5	11155.0	* 21.9	* 20.1	60	1900	1221	303	* 309	* 9.5	9.6	81.0	96.3	1.21	1.19	* 15	* 1.84	2.29	* 0.8	9.7	16.9	* 117.6	13.61	739
D * 14:40	* 11169.1	11166.1	11156.0	* 57.5	* 22.5	63	1800	1367	331	* 305	* 9.6	9.6	81.1	96.5	1.21	1.18	* 15	* .94	2.29	* 0.8	9.8	16.9	* 118.1	13.76	736
D * 14:51	* 11170.1	11168.1	11158.0	* 6.1	* 32.6	61	1900	2219	330	* 305	* 9.5	9.6	81.2	97.1	1.21	1.19	* 15	* 1.77	2.29	* 0.8	9.7	16.9	* 120.1	13.94	733
D * 15: 0	* 11171.2	11169.1	11159.0	* 6.9	* 27.4	63	1800	2219	330	* 301	* 9.5	9.6	81.5	97.2	1.21	1.19	* 15	* 1.73	2.29	* 0.8	9.7	16.9	* 121.1	14.09	732
D * 15: 8	* 11172.3	11170.2	11161.0	* 8.4	* 31.7	63	1900	2223	329	* 297	* 9.5	9.6	81.6	97.9	1.21	1.19	* 15	* 1.67	2.29	* 0.8	9.7	16.9	* 122.3	14.22	729
D * 15:16	* 11173.4	11171.3	11162.0	* 7.8	* 28.8	59	1800	2227	330	* 301	* 9.6	9.6	81.9	98.0	1.21	1.18	* 15	* 1.69	2.29	* 0.8	9.8	16.9	* 123.3	14.36	726
D * 15:24	* 11174.2	11172.1	11163.0	* 6.6	* 35.0	64	1800	2227	329	* 301	* 9.5	9.6	82.0	98.2	1.21	1.19	* 15	* 1.76	2.29	* 0.8	9.7	16.9	* 124.1	14.40	725
D * 15:31	* 11175.2	11173.1	11164.0	* 8.3	* 39.5	60	1900	2223	330	* 303	* 9.5	9.6	82.2	97.9	1.21	1.20	* 15	* 1.67	2.29	* 0.8	9.7	16.9	* 125.2	14.60	723
D * 15:40	* 11176.1	11174.0	11165.0	* 6.0	* 31.3	60	1800	2227	334	* 301	* 9.5	9.6	82.2	98.4	1.21	1.18	* 15	* 1.75	2.29	* 0.8	9.7	16.9	* 126.0	14.75	722
D * 15:48	* 11177.1	11175.1	11166.0	* 7.5	* 32.0	64	1900	2227	330	* 307	* 9.6	9.6	82.4	98.5	1.21	1.18	* 15	* 1.70	2.29	* 0.8	9.8	16.9	* 127.1	14.89	720
D * 15:56	* 11178.1	11176.1	11168.0	* 8.2	* 27.4	61	1800	2232	332	* 307	* 9.5	9.6	82.6	98.6	1.20	1.20	* 15	* 1.67	2.29	* 0.8	9.7	16.9	* 128.1	15.01	718
D * 16: 2	* 11179.0	11177.0	11168.0	* 8.6	* 29.5	59	1800	2227	330	* 305	* 9.5	9.6	82.7	98.9	1.21	1.20	* 15	* 1.64	2.29	* 0.8	9.7	16.9	* 129.0	15.12	716
D * 16: 9	* 11180.3	11178.2	11169.0	* 10.0	* 30.4	61	1800	2236	325	* 305	* 9.6	9.6	82.8	99.3	1.21	1.18	* 15	* 1.60	2.29	* 0.8	9.7	16.9	* 130.3	15.24	713
D * 16:19	* 11181.1	11178.2	11170.0	* 10.0	* 28.1	59	1700	2240	325	* 279	* 9.6	9.6	83.1	99.8	1.21	1.18	* 15	* 1.60	2.29	* 0.8	9.7	16.9	* 130.3	15.40	713
D * 16:22	* 11182.4	11180.3	11170.0	* 21.8	* 27.3	59	1800	2236	330	* 283	* 9.6	9.6	83.3	100.4	1.21	1.18	* 15	* 1.38	2.29	* 0.8	9.7	16.9	* 132.4	15.46	707
D * 16:31	* 11183.0	11180.3	11172.0	* 21.8	* 29.4	59	1900	2244	334	* 287	* 9.6	9.6	83.4	99.9	1.21	1.18	* 15	* 1.38	2.29	* 0.8	9.8	16.9	* 132.4	15.60	707
D * 16:38	* 11184.2	11182.2	11172.0	* 10.5	* 34.7	58	1900	2244	325	* 289	* 9.6	9.6	83.8	100.1	1.21	1.18	* 15	* 1.64	2.29	* 0.8	9.8	16.9	* 134.2	15.71	705
D * 16:48	* 11185.2	11183.1	11174.0	* 5.5	* 34.1	59	1800	2236	330	* 299	* 9.5	9.6	83.9	100.8	1.21	1.17	* 15	* 1.81	2.29	* 0.8	9.7	16.9	* 135.1	15.89	704
D * 16:56	* 11186.2	11184.1	11175.0	* 8.1	* 30.1	60	1800	2236	330	* 289	* 9.6	9.6	84.1	100.7	1.22	1.18	* 15	* 1.70	2.29	* 0.8	9.7	16.9	* 136.2	16.01	702
D * 17: 4	* 11187.1	11185.1	11176.0	* 6.3	* 27.0	63	1800	2240	330	* 293	* 9.6	9.6	84.4	100.4	1.22	1.19	* 15	* 1.74	2.29	* 0.8	9.8	16.9	* 137.1	16.16	702
D * 17:12	* 11188.1	11186.0	11177.0	* 7.8	* 27.9	64	1900	2244	325	* 287	* 9.6	9.6	84.5	101.3	1.21	1.18	* 15	* 1.64	2.29	* 0.8	9.7	16.9	* 138.1	16.28	700
D * 17:19	* 11189.1	11187.1	11178.0	* 9.3	* 34.7	60	1800	2240	325	* 289	* 9.6	9.6	84.9	100.7	1.22	1.18	* 15	* 1.60	2.29	* 0.8	9.7	16.9	* 139.1	16.39	698
D * 17:29	* 11190.3	11188.1	11179.0	* 5.8	* 30.1	64	1800	2236	329	* 289	* 9.5	9.6	85.0	100.8	1.22	1.18	* 15	* 1.78	2.29	* 0.8	9.7	16.9	* 140.1	16.57	697
D * 17:40	* 11191.0	11189.0	11180.0	* 4.8	* 36.3	62	1900	2244	334	* 297	* 9.6	9.6	85.3	101.7	1.22	1.17	* 15	* 1.84	2.29	* 0.8	9.8	16.9	* 141.0	16.75	697
D * 17:49	* 11192.1	11190.0	11182.0	* 6.6	* 32.6	63	1900	2249	330	* 299	* 9.6	9.6	85.5	101.4	1.21	1.18	* 15	* 1.76	2.29	* 0.8	9.8	16.9	* 142.0	16.91	696
D * 17:55	* 11193.1	11191.1	11183.0	* 11.7	* 32.6	60	1900	2249	328	* 301	* 9.6	9.6	85.5	101.3	1.21	1.18	* 15	* 1.60	2.29	* 0.8	9.8	16.9	* 143.1	17.00	694
D * 18: 3	* 11194.4	11192.4	11184.0	* 10.2	* 32.1	58	1900	2249	329	* 301	* 9.6	9.6	85.6	101.1	1.21	1.18	* 15	* 1.61	2.29	* 0.8	9.7	16.9	* 144.4	17.13	690
D * 18: 8	* 11195.2	11193.2	11184.0	* 9.0	* 30.3	60	1900	2253	330	* 295	* 9.5	9.6	85.7	101.2	1.22	1.19	* 15	* 1.65	2.29	* 0.8	9.7	16.9	* 145.2	17.21	689
D * 18:11	* 11196.3	11194.3	11185.0	* 20.4	* 27.0	62	2000	2253	330	* 293	* 9.5	9.6	85.6	101.3	1.22	1.19	* 15	* 1.40	2.29	* 0.8	9.7	16.9	* 146.3	17.27	685
D * 18:16	* 11197.1	11195.1	11185.0	* 11.8	* 28.7	59	1900	2257	330	* 293	* 9.5	9.6	85.7	101.5	1.22	1.19	* 15	* 1.59	2.29	* 0.8	9.7	16.9	* 147.1	17.34	683
D * 18:24	* 11198.2	11196.2	11186.0	* 8.1	* 32.1	60	1900	2257	329	* 293	* 9.5	9.6	85.9	101.5	1.22	1.19	* 15	* 1.68	2.29	* 0.8	9.7	16.9	* 148.2	17.40	681
D * 18:30	* 11199.5	11197.5	11187.0	* 13.6	* 31.9	59	1900	2262	330	* 293	* 9.5	9.6	86.0	101.6	1.22	1.19	* 15	* 1.55	2.29	* 0.8	9.7	16.9	* 149.5	17.57	678
D * 19: 7	* 11200.4	11197.5	11190.0	* 13.6	* 28.9	60	1800	2313	334	* 295	* 9.6	9.6	85.9	102.4	1.22	1.19	* 15	* 1.55	2.29	* 0.8	9.7	16.9	* 149.5	17.97	678
D * 19: 9	* 11201.1	11199.1	11191.0	* 19.9	* 2																				