

\* BIT # 5 DGJ SMITH BIT DIAMETER : 26.00 inch HQZZ 22/22/22

MUD RHEOLOGICAL PARAMETERS : PV = 3 YP = 4 GEL = 1

466223

* 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	IN	OUT	IN	OUT	unit	ppg	ppg	ppg	ppg	* feet	Dhr	\$			
D * 17:45	* 921.7	920.2	900.0	* 140.2	* 19.0	67	1300	1504	1034	* 508	* 8.7	.0	48.1	.0	.20	.00	* 0	* .66	.00	* 0	* 8.0	5.3	* 201.2	4.53	220
D * 17:50	* 923.2	922.1	909.0	* 10.2	* 26.4	69	1400	1602	1035	* 498	* 8.7	.0	48.1	.0	.20	.00	* 0	* 1.12	.00	* 0	* 8.0	5.3	* 203.2	4.62	219
D * 17:53	* 925.2	924.2	912.0	* 01.3	* 21.4	69	1100	1611	1039	* 502	* 8.7	.0	48.1	.0	.20	.00	* 0	* .75	.00	* 0	* 8.0	5.3	* 205.2	4.67	218
D * 18: 0	* 927.1	926.0	916.0	* 11.6	* 20.0	74	900	1598	1030	* 496	* 8.7	.0	48.2	.0	.20	.00	* 0	* 1.01	.00	* 0	* 8.0	5.3	* 207.1	4.79	218
D * 18: 4	* 929.2	927.0	916.0	* 30.6	* 26.0	67	1300	1621	1045	* 494	* 8.7	.0	48.1	.0	.20	.00	* 0	* 1.00	.00	* 0	* 8.0	5.3	* 208.0	4.84	218
D * 18: 8	* 931.3	929.0	916.0	* 14.0	* 15.0	69	1300	1616	1043	* 470	* 8.7	.0	48.1	.0	.20	.00	* 0	* 1.06	.00	* 0	* 8.0	5.3	* 210.0	4.91	217
D * 18:13	* 933.1	931.3	920.0	* 59.2	* 24.6	65	1100	1621	1040	* 478	* 8.7	.0	48.1	.0	.20	.00	* 0	* .81	.00	* 0	* 8.0	5.3	* 212.3	5.00	215
D * 18:18	* 935.0	934.0	922.0	* 25.6	* 13.9	73	1000	1598	1035	* 510	* 8.7	.0	48.1	.0	.20	.00	* 0	* .91	.00	* 0	* 8.0	5.3	* 215.0	5.09	215
D * 18:23	* 937.5	936.4	925.0	* 17.9	* 25.5	70	1000	1598	1033	* 522	* 8.7	.0	48.1	.0	.20	.00	* 0	* 1.13	.00	* 0	* 8.0	5.3	* 217.5	5.17	214
D * 18:25	* 939.9	938.9	926.0	* 72.2	* 23.2	58	1600	1602	1035	* 530	* 8.7	.0	48.1	.0	.20	.00	* 0	* .80	.00	* 0	* 8.0	5.3	* 219.9	5.21	212
D * 18:30	* 941.1	939.5	926.0	* 61.7	* 25.3	65	1400	1630	1045	* 536	* 8.7	.0	48.1	.0	.20	.00	* 0	* .82	.00	* 0	* 8.0	5.3	* 220.6	5.28	212
D * 18:31	* 943.2	942.1	927.0	* 309.4	* 27.7	68	1100	1625	1045	* 540	* 8.7	.0	48.1	.0	.20	.00	* 0	* .50	.00	* 0	* 8.0	5.3	* 223.2	5.30	211
D * 18:35	* 945.2	944.2	929.0	* 181.1	* 26.7	62	1400	1638	1039	* 532	* 8.7	.0	48.1	.0	.20	.00	* 0	* .60	.00	* 0	* 8.0	5.3	* 225.2	5.37	210
D * 18:53	* 947.9	946.9	934.0	* 147.3	* 24.1	71	1700	1593	1030	* 719	* 8.7	.0	48.2	.0	.19	.00	* 0	* .67	.00	* 0	* 8.0	5.3	* 227.9	5.47	209
D * 18:53	* 949.1	947.7	934.0	* 152.4	* 22.7	72	1300	1598	1034	* 717	* 8.7	.0	48.2	.0	.19	.00	* 0	* .65	.00	* 0	* 8.0	5.3	* 228.7	5.48	209
D * 18:55	* 952.1	950.9	935.0	* 169.0	* 26.5	70	1700	1602	1031	* 701	* 8.7	.0	48.2	.0	.19	.00	* 0	* .64	.00	* 0	* 8.0	5.3	* 231.9	5.50	206
D * 18:56	* 954.5	953.0	936.0	* 80.0	* 29.1	70	2200	1598	1035	* 683	* 8.7	.0	48.3	.0	.19	.00	* 0	* .80	.00	* 0	* 8.0	5.3	* 234.0	5.52	205
D * 18:57	* 955.5	953.0	936.0	* 80.0	* 24.3	71	1400	1602	1033	* 673	* 8.7	.0	48.3	.0	.19	.00	* 0	* .80	.00	* 0	* 8.0	5.3	* 234.0	5.53	205
D * 19: 3	* 957.0	956.0	940.0	* 7.2	* 29.1	70	1100	1607	1030	* 603	* 8.7	.0	48.5	.0	.19	.00	* 0	* 1.36	.00	* 0	* 8.0	5.3	* 237.0	5.64	204
D * 19: 7	* 959.2	958.2	943.0	* 31.1	* 26.5	65	1500	1607	1035	* 562	* 8.7	.0	48.5	.0	.19	.00	* 0	* 1.02	.00	* 0	* 8.0	5.3	* 239.2	5.70	203
D * 19: 8	* 962.4	961.4	943.0	* 105.4	* 20.0	69	1400	1602	1035	* 556	* 8.7	.0	48.5	.0	.20	.00	* 0	* .60	.00	* 0	* 8.0	5.3	* 242.4	5.72	200
D * 19:11	* 963.7	962.6	944.0	* 29.6	* 30.3	73	1000	1607	1040	* 540	* 8.7	.0	48.5	.0	.19	.00	* 0	* 1.03	.00	* 0	* 8.0	5.3	* 243.7	5.77	200
D * 19:20	* 965.1	963.0	945.0	* 8.2	* 27.2	71	1200	1607	1037	* 500	* 8.7	.0	48.3	.0	.20	.00	* 0	* 1.32	.00	* 0	* 8.0	5.3	* 244.1	5.91	200
D * 19:25	* 968.1	967.1	950.0	* 98.6	* 24.3	65	1600	1602	1035	* 488	* 8.7	.0	48.1	.0	.20	.00	* 0	* .75	.00	* 0	* 8.0	5.3	* 248.1	6.00	200
D * 19:25	* 969.1	967.1	952.0	* 98.6	* 22.0	66	1200	1607	1035	* 488	* 8.7	.0	48.2	.0	.20	.00	* 0	* .49	.00	* 0	* 8.0	5.3	* 249.2	6.01	199
D * 19:27	* 971.6	970.2	956.0	* 460.6	* 21.0	67	1400	1593	1035	* 406	* 8.7	.0	48.2	.0	.20	.00	* 0	* .38	.00	* 0	* 8.0	5.3	* 251.3	6.04	198
D * 19:30	* 973.1	972.0	956.0	* 143.3	* 25.5	70	1000	1602	1035	* 500	* 8.7	.0	48.1	.0	.21	.00	* 0	* .66	.00	* 0	* 8.0	5.3	* 253.1	6.09	197
D * 19:33	* 975.1	973.3	956.0	* 44.9	* 26.7	67	1600	1598	1035	* 518	* 8.7	.0	48.1	.0	.21	.00	* 0	* .93	.00	* 0	* 8.0	5.3	* 254.4	6.13	197
D * 19:33	* 977.1	976.0	956.0	* 233.9	* 26.5	66	1400	1584	1034	* 524	* 8.7	.0	48.1	.0	.21	.00	* 0	* .55	.00	* 0	* 8.0	5.3	* 257.1	6.13	195
D * 19:48	* 979.1	978.0	964.0	* 116.7	* 30.0	70	1500	1523	1011	* 681	* 8.7	.0	48.0	.0	.19	.00	* 0	* .72	.00	* 0	* 8.0	5.3	* 259.1	6.22	195
D * 19:50	* 981.2	980.2	964.0	* 80.3	* 22.2	69	1400	1528	1009	* 681	* 8.7	.0	48.0	.0	.19	.00	* 0	* .77	.00	* 0	* 8.0	5.3	* 261.2	6.25	193
D * 19:50	* 983.3	982.2	964.0	* 445.7	* 26.7	72	1700	1528	1014	* 679	* 8.7	.0	48.0	.0	.19	.00	* 0	* .43	.00	* 0	* 8.0	5.3	* 263.2	6.26	192
D * 19:55	* 985.2	984.2	965.0	* 20.9	* 30.3	70	1600	1523	1014	* 695	* 8.7	.0	48.0	.0	.19	.00	* 0	* 1.13	.00	* 0	* 8.0	5.3	* 265.2	6.33	192
D * 20: 0	* 987.2	986.2	969.0	* 39.2	* 26.5	71	1400	1528	1009	* 719	* 8.7	.0	48.0	.0	.19	.00	* 0	* .98	.00	* 0	* 8.0	5.3	* 267.2	6.41	191
D * 20: 1	* 989.8	988.7	969.0	* 141.2	* 20.4	70	1700	1528	1014	* 721	* 8.7	.0	48.0	.0	.19	.00	* 0	* .67	.00	* 0	* 8.0	5.3	* 269.0	6.43	190
D * 20: 1	* 991.0	990.0	971.0	* 93.0	* 24.8	73	1200	1533	1009	* 719	* 8.7	.0	48.0	.0	.19	.00	* 0	* .76	.00	* 0	* 8.0	5.3	* 271.0	6.44	189
D * 20: 8	* 993.6	992.6	977.0	* 10.0	* 26.9	67	1400	1537	1008	* 689	* 8.7	.0	48.1	.0	.19	.00	* 0	* 1.15	.00	* 0	* 8.0	5.3	* 273.6	6.55	189
D * 20:18	* 995.2	994.0	977.0	* 7.5	* 22.9	70	1500	1537	1009	* 629	* 8.7	.0	48.2	.0	.19	.00	* 0	* 1.34	.00	* 0	* 8.0	5.3	* 275.1	6.72	190
D * 20:19	* 997.2	995.1	977.0	* 141.6	* 26.2	68	1400	1537	1010	* 625	* 8.7	.0	48.2	.0	.19	.00	* 0	* .67	.00	* 0	* 8.0	5.3	* 276.1	6.73	189
D * 20:20	* 999.4	998.1	979.0	* 70.2	* 30.5	69	1400	1537	1014	* 615	* 8.7	.0	48.2	.0	.19	.00	* 0	* .84	.00	* 0	* 8.0	5.3	* 279.1	6.75	187
D * 20:26	* 1001.1	1000.1	984.0	* 27.3	* 23.6	69	1600	1537	1014	* 581	* 8.7	.0	48.2	.0	.19	.00	* 0	* 1.05	.00	* 0	* 8.0	5.3	* 281.1	6.85	187
D * 20:28	* 1003.4	1002.3	985.0	* 69.7	* 29.3	70	1700	1537	1014	* 572	* 8.7	.0	48.1	.0	.19	.00	* 0	* .85	.00	* 0	* 8.0	5.3	* 283.4	6.89	186
D * 20:53	* 1005.0	1003.3	997.0	* 18.3	* 27.9	73	1200	1588	1019	* 617	* 8.7	.0	48.2	.0	.20	.00	* 0	* 1.15	.00	* 0	* 8.0	5.3	* 284.3	7.16	187
D * 20:58	* 1007.2	1005.2	1000.0	* 16.8	* 28.1	69	1300	1588	1030	* 607	* 8.7	.0	48.1	.0	.19	.00	* 0	* 1.17	.00	* 0	* 8.0	5.3	* 286.3	7.24	189
D * 21: 2	* 1009.6	1008.6	1001.0	* 32.6	* 22.9	69	1400	1588	1030	* 595	* 8.7	.0	48.0	.0	.19	.00	* 0	* 1.01	.00	* 0	* 8.0	5.3	* 289.6	7.30	188
D * 21: 2	* 1011.0	1009.0	1002.0	* 105.5	* 27.7	69	2900	1593	1027	* 591	* 8.7	.0	48.0	.0	.19	.00	* 0	* .72	.00	* 0	* 8.0	5.3	* 290.0	7.31	187
D * 21: 3	* 1013.2	1011.3	1002.0	* 345.1	* 27.9	67	1900	1593	1029	* 593	* 8.7	.0	48.0	.0	.20	.00	* 0	* .45	.00	* 0	* 8.0	5.3	* 292.3	7.32	186
D * 21: 4	* 1015.1	1013.6	1003.0	* 127.6	* 26.0	69	1800	1598	1028	* 591	* 8.7	.0	48.0	.0	.20	.00	* 0	* .69	.00	* 0	* 8.0	5.3	* 294.6	7.34	185
D * 21:11	* 1017.0	1016.0	1004.0	* 14.5	* 30.0	67	1500	1598	1035	* 574	* 8.7	.0	48.0	.0	.19	.00	* 0	* 1.20	.00	* 0	* 8.0	5.3	* 297.0	7.46	185