

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

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

466322

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *					* PIT *		* DENSITY *		* TEMPERATURE *		* RESISTIVITY *		* GAS *		* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *		
		VERTCL	LAGGED		ROP	WOB	RPM	TORG	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	IN	OUT	* unit *	ppg	ppg	ppg	* feet	Dhr	\$ *			
D * 14:22 *	821.4	820.0	804.0	* 36.0 *	15.6	67	1100	1195	912	* 576 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.92	.00	.0	0.0	5.0	* 101.0	1.91	343 *	
D * 14:24 *	823.1	822.1	806.0	* 31.0 *	20.0	74	900	1199	900	* 577 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.99	.00	.0	0.0	5.1	* 103.1	1.94	338 *	
D * 14:30 *	827.0	824.1	807.0	* 25.9 *	22.0	63	1900	1195	917	* 589 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.24	.00	.0	0.0	5.1	* 107.0	2.03	328 *	
D * 14:31 *	829.1	827.4	808.0	* 66.7 *	21.0	68	2100	1195	908	* 589 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.81	.00	.0	0.0	5.1	* 108.4	2.05	325 *	
D * 14:45 *	831.0	830.0	813.0	* 4.3 *	18.0	65	1200	1579	1027	* 663 *	8.7	.0	48.1	.0	.19	.00	* 0 *	1.10	.00	.0	0.0	5.1	* 111.0	2.13	320 *	
D * 14:48 *	833.9	832.2	817.0	* 217.0 *	22.5	69	1700	1574	1029	* 653 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.60	.00	.0	0.0	5.1	* 113.2	2.17	315 *	
D * 14:49 *	835.1	834.1	818.0	* 33.0 *	23.9	73	1900	1579	1033	* 653 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.99	.00	.0	0.0	5.1	* 115.1	2.20	311 *	
D * 14:51 *	838.1	837.1	818.0	* 126.6 *	18.9	62	3600	1574	1029	* 647 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.71	.00	.0	0.0	5.1	* 118.1	2.22	303 *	
D * 14:51 *	839.3	838.2	818.0	* 108.5 *	15.1	72	1200	1579	1030	* 645 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.69	.00	.0	0.0	5.1	* 119.3	2.23	301 *	
D * 14:56 *	841.0	839.5	822.0	* 17.7 *	23.7	16	3600	1579	1030	* 629 *	8.7	.0	48.1	.0	.19	.00	* 0 *	1.14	.00	.0	0.0	5.1	* 120.5	2.31	300 *	
D * 14:56 *	843.5	842.5	823.0	* 210.0 *	21.3	65	1300	1584	1030	* 635 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.57	.00	.0	0.0	5.1	* 123.5	2.32	293 *	
D * 15: 2 *	845.0	843.1	827.0	* 82.0 *	23.2	73	1000	1584	1035	* 625 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.78	.00	.0	0.0	5.1	* 124.1	2.41	292 *	
D * 15: 3 *	847.2	846.2	830.0	* 46.0 *	21.5	68	1400	1561	1028	* 621 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.85	.00	.0	0.0	5.1	* 127.2	2.43	288 *	
D * 15: 6 *	849.2	847.1	830.0	* 35.2 *	23.9	66	1500	1556	1024	* 617 *	8.7	.0	48.2	.0	.20	.00	* 0 *	.97	.00	.0	0.0	5.1	* 128.1	2.48	286 *	
D * 15: 7 *	851.0	849.9	830.0	* 371.4 *	21.3	70	1200	1551	1024	* 617 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.47	.00	.0	0.0	5.1	* 130.9	2.49	281 *	
D * 15:10 *	853.2	851.0	830.0	* 46.6 *	26.1	66	3000	1547	1025	* 615 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.89	.00	.0	0.0	5.1	* 132.0	2.54	279 *	
D * 15:13 *	855.7	854.7	831.0	* 31.1 *	8.9	70	1000	1547	1020	* 609 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.71	.00	.0	0.0	5.1	* 135.7	2.60	274 *	
D * 15:18 *	858.6	857.6	837.0	* 44.7 *	26.6	67	1500	1565	1025	* 605 *	8.7	.0	48.2	.0	.20	.00	* 0 *	.97	.00	.0	0.0	5.1	* 138.6	2.67	270 *	
D * 15:19 *	859.0	857.6	839.0	* 44.7 *	28.3	0	0	1551	1020	* 599 *	8.7	.0	48.3	.0	.19	.00	* 0 *	.97	.00	.0	0.0	5.1	* 138.6	2.70	270 *	
D * 15:39 *	861.3	860.3	848.0	* 289.6 *	23.8	66	2000	1542	1014	* 723 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.52	.00	.0	0.0	5.1	* 141.3	2.81	269 *	
D * 15:41 *	863.1	862.0	851.0	* 26.1 *	18.1	73	1100	1542	1020	* 709 *	8.7	.0	48.4	.0	.19	.00	* 0 *	1.02	.00	.0	0.0	5.1	* 143.1	2.84	266 *	
D * 15:45 *	865.4	863.4	854.0	* 22.8 *	24.5	72	1100	1547	1020	* 675 *	8.7	.0	48.5	.0	.19	.00	* 0 *	1.11	.00	.0	0.0	5.1	* 144.4	2.90	265 *	
D * 15:47 *	867.4	866.3	855.0	* 54.5 *	24.5	64	1600	1542	1020	* 669 *	8.7	.0	48.6	.0	.19	.00	* 0 *	.91	.00	.0	0.0	5.2	* 147.3	2.94	261 *	
D * 15:51 *	869.8	868.8	857.0	* 45.0 *	25.4	75	1000	1547	1015	* 637 *	8.7	.0	48.7	.0	.20	.00	* 0 *	.96	.00	.0	0.0	5.2	* 149.8	3.00	258 *	
D * 15:54 *	871.3	870.2	859.0	* 46.8 *	27.3	67	2000	1551	1015	* 607 *	8.7	.0	48.5	.0	.20	.00	* 0 *	.93	.00	.0	0.0	5.2	* 151.3	3.05	257 *	
D * 15:56 *	874.0	873.0	859.0	* 72.5 *	21.9	71	1200	1547	1019	* 589 *	8.7	.0	48.5	.0	.19	.00	* 0 *	.82	.00	.0	0.0	5.2	* 154.0	3.09	253 *	
D * 15:57 *	875.0	873.0	859.0	* 72.5 *	26.1	73	1100	1528	1015	* 585 *	8.7	.0	48.5	.0	.20	.00	* 0 *	.82	.00	.0	0.0	5.2	* 154.0	3.10	253 *	
D * 16: 3 *	877.0	875.0	859.0	* 14.0 *	26.1	71	1100	1547	1025	* 558 *	8.7	.0	48.6	.0	.20	.00	* 0 *	1.23	.00	.0	0.0	5.2	* 156.0	3.19	252 *	
D * 16: 5 *	879.1	878.0	859.0	* 53.4 *	25.0	74	1100	1547	1015	* 552 *	8.7	.0	48.5	.0	.20	.00	* 0 *	.90	.00	.0	0.0	5.2	* 159.1	3.24	248 *	
D * 16:11 *	881.0	879.1	863.0	* 27.2 *	27.6	74	1000	1542	1020	* 542 *	8.7	.0	48.4	.0	.20	.00	* 0 *	1.07	.00	.0	0.0	5.2	* 160.2	3.33	248 *	
D * 16:17 *	883.9	882.9	868.0	* 26.5 *	29.2	64	2100	1547	1020	* 532 *	8.7	.0	48.3	.0	.20	.00	* 0 *	1.00	.00	.0	0.0	5.2	* 163.9	3.43	245 *	
D * 16:21 *	885.6	884.5	870.0	* 81.0 *	26.6	74	1100	1510	1004	* 530 *	8.7	.0	48.3	.0	.20	.00	* 0 *	.80	.00	.0	0.0	5.2	* 165.5	3.50	245 *	
D * 16:25 *	887.0	885.1	874.0	* 42.8 *	28.3	61	3300	1514	1009	* 528 *	8.7	.0	48.2	.0	.20	.00	* 0 *	.98	.00	.0	0.0	5.2	* 166.1	3.56	244 *	
D * 16:45 *	889.6	888.6	880.0	* 34.5 *	25.4	71	900	1584	1035	* 643 *	8.7	.0	48.1	.0	.19	.00	* 0 *	1.01	.00	.0	0.0	5.2	* 169.6	3.69	243 *	
D * 16:47 *	891.8	890.7	882.0	* 86.6 *	22.1	70	1200	1579	1030	* 639 *	8.7	.0	48.1	.0	.20	.00	* 0 *	.74	.00	.0	0.0	5.2	* 171.8	3.73	241 *	
D * 16:49 *	893.2	892.1	882.0	* 45.3 *	25.9	68	1800	1579	1030	* 635 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.95	.00	.0	0.0	5.2	* 173.1	3.76	239 *	
D * 16:51 *	896.7	895.7	883.0	* 465.3 *	22.6	68	1300	1574	1030	* 629 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.40	.00	.0	0.0	5.2	* 176.7	3.80	235 *	
D * 16:57 *	897.0	895.7	886.0	* 465.3 *	25.9	70	1400	1570	1035	* 607 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.40	.00	.0	0.0	5.2	* 176.7	3.90	235 *	
D * 16:59 *	899.1	898.0	887.0	* 29.1 *	24.5	74	1100	1574	1028	* 599 *	8.7	.0	48.2	.0	.19	.00	* 0 *	1.02	.00	.0	0.0	5.2	* 179.0	3.93	235 *	
D * 17: 0 *	901.6	900.5	887.0	* 168.1 *	21.9	68	1500	1579	1029	* 593 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.60	.00	.0	0.0	5.2	* 181.5	3.95	232 *	
D * 17: 5 *	903.3	901.2	887.0	* 44.9 *	25.9	71	1200	1579	1030	* 568 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.91	.00	.0	0.0	5.2	* 182.2	4.03	232 *	
D * 17: 6 *	906.2	905.2	887.0	* 227.1 *	21.2	66	1300	1570	1026	* 564 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.54	.00	.0	0.0	5.2	* 186.2	4.05	228 *	
D * 17: 8 *	907.0	905.2	887.0	* 227.1 *	22.6	71	1000	1570	1020	* 552 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.54	.00	.0	0.0	5.2	* 186.2	4.08	228 *	
D * 17:15 *	909.4	907.1	890.0	* 35.4 *	29.0	0	0	1565	1026	* 524 *	8.7	.0	48.1	.0	.19	.00	* 0 *	.98	.00	.0	0.0	5.2	* 188.2	4.20	227 *	
D * 17:19 *	911.2	909.2	895.0	* 18.7 *	24.2	62	1400	1547	1019	* 512 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.89	.00	.0	0.0	5.2	* 190.3	4.26	227 *	
D * 17:22 *	913.1	912.0	896.0	* 35.7 *	22.6	70	1100	1542	1014	* 504 *	8.7	.0	48.2	.0	.19	.00	* 0 *	.96	.00	.0	0.0	5.3	* 193.0	4.31	225 *	
D * 17:24 *	915.0	913.3	896.0	* 56.9 *	18.3	61	1400	1537	1014	* 498 *	8.7	.0	48.1	.0	.20	.00	* 0 *	.85	.00	.0	0.0	5.3	* 194.3	4.34	224 *	
D * 17:39 *	917.0	916.0	906.0	* 23.5 *	14.3	68	1100	1611	1039	* 520 *	8.7	.0	48.2	.0	.20	.00	* 0 *	.76	.00	.0	0.0	5.3	* 197.0	4.44	223 *	
D * 17:43 *	919.4	918.3	908.0	* 205.6 *	18.1	69	1100	1593	1035	* 510 *	8.7	.0	48.2	.0	.20	.00	* 0 *	.55	.00	.0	0.0	5.3	* 199.4	4.50	221 *	