

* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *					* MUD PARAMETERS *				* GAS *				* OVERPRESSURE SURVEY *				* ACCUMULATED ON BIT *				
		* Hrs:Min *	* feet *	* feet *	* feet *	* ROP *	* WOB *	RPM	TORQ	PRESS	FLOW	* PIT *	* DENSITY *	TEMPERATURE		RESISTIVITY		* GAS *	* DCS *	NORM	PF	ECD	FRAC	* FEET *	* TIME *	* COST *
													IN	OUT	IN	OUT	IN	OUT								
													ppg	degF	ohm	unit			ppg	ppg	ppg	ppg	feet	Dhr	\$	
D * 0:26	* 10105.1	10097.0	10086.0	* 14.3	* 39.5	52	2700	1015	329	* 599	* 9.4	9.5	86.1	101.1	1.31	1.31	* 7	* 1.70	2.10	* 8.0	9.5	16.5	* 49.0	3.40	938	
D * 0:33	* 10106.5	10097.0	10089.0	* 14.3	* 42.6	0	-200	1703	325	* 597	* 9.4	9.5	86.1	101.5	1.31	1.31	* 7	* 1.70	2.10	* 8.0	9.5	16.5	* 49.0	3.49	938	
D * 0:42	* 10107.3	10099.2	10090.0	* 12.8	* 41.5	54	2700	1020	329	* 603	* 9.4	9.6	86.0	101.4	1.32	1.31	* 7	* 1.69	2.10	* 8.0	9.5	16.5	* 51.2	3.56	910	
D * 0:46	* 10108.2	10099.2	10090.0	* 12.8	* 40.6	55	2800	1001	325	* 595	* 9.4	9.5	85.9	100.0	1.32	1.33	* 7	* 1.69	2.10	* 8.0	9.5	16.5	* 51.2	3.63	910	
D * 0:51	* 10109.1	10101.0	10092.0	* 11.0	* 43.2	53	2600	1792	325	* 591	* 9.4	9.8	85.9	101.5	1.32	1.31	* 7	* 1.70	2.10	* 8.0	9.5	16.5	* 53.0	3.71	889	
D * 0:55	* 10110.1	10101.0	10093.0	* 11.0	* 44.0	52	2600	1001	325	* 591	* 9.4	9.5	85.9	101.4	1.32	1.30	* 7	* 1.70	2.10	* 8.0	9.5	16.5	* 53.0	3.70	889	
D * 1: 2	* 10111.1	10102.1	10094.0	* 13.1	* 41.5	51	2600	1797	325	* 589	* 9.4	9.5	85.9	100.0	1.32	1.32	* 7	* 1.77	2.10	* 8.0	9.5	16.5	* 54.1	3.89	877	
D * 1: 9	* 10112.1	10104.1	10096.0	* 9.1	* 43.6	53	2600	1792	325	* 589	* 9.4	9.6	85.9	101.3	1.32	1.30	* 7	* 1.87	2.10	* 10.1	9.5	16.9	* 56.1	4.00	859	
D * 1:14	* 10113.0	10105.0	10097.0	* 10.1	* 44.2	51	2600	1797	325	* 593	* 9.4	9.5	85.9	101.1	1.32	1.31	* 7	* 1.84	2.10	* 10.2	9.5	16.9	* 57.0	4.09	852	
D * 1:29	* 10114.1	10106.1	10098.0	* 10.8	* 45.5	54	2600	1001	325	* 593	* 9.4	9.5	85.7	101.7	1.32	1.31	* 7	* 1.85	2.10	* 10.2	9.5	16.9	* 58.1	4.10	841	
D * 1:36	* 10115.2	10107.2	10100.0	* 9.0	* 46.2	53	2600	1797	325	* 593	* 9.4	9.5	85.8	101.3	1.32	1.31	* 7	* 1.91	2.10	* 9.0	9.5	16.8	* 59.2	4.31	833	
D * 1:43	* 10116.2	10107.2	10101.0	* 9.0	* 42.0	54	2500	1797	325	* 593	* 9.4	9.5	85.9	101.9	1.32	1.30	* 7	* 1.91	2.10	* 9.0	9.5	16.8	* 59.2	4.41	833	
D * 1:50	* 10117.4	10109.3	10103.0	* 10.7	* 44.4	53	2600	1797	325	* 593	* 9.5	9.5	85.9	101.7	1.32	1.30	* 7	* 1.82	2.10	* 10.3	9.5	17.0	* 61.3	4.53	818	
D * 1:55	* 10118.2	10109.3	10104.0	* 10.7	* 42.5	51	2600	1006	325	* 591	* 9.4	9.5	85.9	101.9	1.32	1.31	* 7	* 1.82	2.10	* 10.3	9.5	17.0	* 61.3	4.61	818	
D * 1:58	* 10119.0	10110.2	10104.0	* 9.4	* 43.5	52	2700	1001	325	* 591	* 9.4	9.5	86.0	101.4	1.32	1.32	* 6	* 1.87	2.10	* 10.0	9.5	16.9	* 62.2	4.66	812	
D * 2: 2	* 10120.1	10111.0	10105.0	* 16.3	* 43.3	51	2600	1797	325	* 591	* 9.4	9.5	86.0	101.6	1.32	1.31	* 7	* 1.60	2.10	* 9.3	9.5	16.7	* 63.0	4.74	804	
D * 2: 5	* 10121.0	10113.0	10105.0	* 22.6	* 42.3	51	2700	1001	329	* 591	* 9.4	9.6	86.1	101.3	1.32	1.31	* 7	* 1.50	2.10	* 9.3	9.5	16.7	* 65.0	4.79	786	
D * 2: 8	* 10122.7	10113.0	10106.0	* 22.6	* 43.0	54	2600	1006	325	* 593	* 9.4	9.5	86.0	101.3	1.32	1.32	* 7	* 1.50	2.10	* 9.3	9.5	16.7	* 65.0	4.84	786	
D * 2:11	* 10124.0	10114.7	10107.0	* 28.6	* 45.4	53	2700	1001	325	* 597	* 9.4	9.5	86.0	101.0	1.32	1.31	* 7	* 1.49	2.10	* 9.3	9.5	16.7	* 66.7	4.89	769	
D * 2:13	* 10124.5	10115.9	10107.0	* 25.4	* 43.9	53	2600	1001	325	* 597	* 9.4	9.5	86.0	101.0	1.32	1.33	* 7	* 1.54	2.10	* 9.3	9.5	16.7	* 67.9	4.91	758	
D * 2:15	* 10125.2	10117.1	10100.0	* 14.5	* 43.7	51	2800	1006	324	* 597	* 9.4	9.5	86.1	100.9	1.32	1.33	* 6	* 1.75	2.10	* 9.3	9.5	16.7	* 69.1	4.96	740	
D * 2:20	* 10126.3	10110.3	10109.0	* 13.7	* 46.4	51	2500	1011	325	* 597	* 9.4	9.5	86.0	101.2	1.32	1.31	* 6	* 1.75	2.10	* 9.3	9.5	16.7	* 70.3	5.04	740	
D * 2:25	* 10127.0	10110.3	10109.0	* 13.7	* 42.9	51	2700	1006	329	* 601	* 9.4	9.5	86.1	101.2	1.32	1.31	* 7	* 1.75	2.10	* 9.3	9.5	16.7	* 70.3	5.11	740	
D * 2:30	* 10128.2	10120.2	10110.0	* 14.9	* 43.4	53	2600	1006	329	* 603	* 9.4	9.5	86.1	100.7	1.32	1.31	* 7	* 1.74	2.10	* 9.3	9.5	16.7	* 72.2	5.20	728	
D * 2:31	* 10129.1	10121.1	10110.0	* 41.1	* 44.3	53	2600	1001	325	* 603	* 9.4	9.5	86.0	100.9	1.32	1.32	* 7	* 1.30	2.10	* 9.3	9.5	16.7	* 73.1	5.22	721	
D * 2:35	* 10130.1	10122.0	10111.0	* 14.9	* 44.5	53	2600	1011	325	* 603	* 9.4	9.5	86.0	101.7	1.32	1.32	* 7	* 1.73	2.11	* 9.3	9.5	16.7	* 74.0	5.29	714	
D * 2:47	* 10131.5	10123.5	10113.0	* 7.2	* 45.6	55	2500	1006	325	* 603	* 9.4	9.5	86.0	101.2	1.32	1.31	* 7	* 1.97	2.11	* 9.4	9.5	16.7	* 75.5	5.40	711	
D * 2:50	* 10132.3	10123.5	10114.0	* 7.2	* 43.5	52	2600	1006	325	* 603	* 9.4	9.5	86.0	101.7	1.32	1.32	* 7	* 1.97	2.11	* 9.4	9.5	16.7	* 75.5	5.54	711	
D * 2:55	* 10133.1	10125.0	10114.0	* 11.9	* 42.7	53	2500	1001	325	* 603	* 9.4	9.5	86.1	101.4	1.32	1.31	* 7	* 1.79	2.11	* 9.3	9.5	16.7	* 77.0	5.61	702	
D * 2:58	* 10134.1	10126.0	10115.0	* 16.8	* 41.9	53	2500	1006	325	* 601	* 9.4	9.5	86.0	100.0	1.32	1.32	* 7	* 1.67	2.11	* 9.3	9.5	16.7	* 78.0	5.67	696	
D * 3: 3	* 10135.2	10126.0	10116.0	* 16.8	* 44.0	51	2500	1006	326	* 601	* 9.5	9.5	86.0	100.6	1.32	1.32	* 7	* 1.67	2.11	* 9.3	9.5	16.7	* 78.0	5.74	696	
D * 3: 7	* 10136.2	10128.2	10116.0	* 13.9	* 43.2	52	2700	1011	329	* 605	* 9.4	9.5	85.9	100.0	1.33	1.32	* 7	* 1.74	2.11	* 9.3	9.5	16.7	* 80.2	5.82	684	
D * 3: 9	* 10137.0	10129.0	10117.0	* 26.3	* 44.3	56	2500	1001	329	* 607	* 9.4	9.5	85.9	100.9	1.32	1.31	* 7	* 1.50	2.11	* 9.3	9.5	16.7	* 81.0	5.86	679	
D * 3:13	* 10138.3	10130.3	10117.0	* 21.5	* 43.3	53	2600	1011	325	* 607	* 9.4	9.5	85.8	101.1	1.33	1.32	* 7	* 1.60	2.11	* 9.3	9.5	16.7	* 82.3	5.91	671	
D * 3:16	* 10139.2	10130.3	10118.0	* 21.5	* 45.7	51	2500	1011	326	* 609	* 9.4	9.5	85.7	101.2	1.33	1.31	* 7	* 1.60	2.11	* 9.3	9.5	16.7	* 82.3	5.97	671	
D * 3:34	* 10140.2	10132.1	10122.0	* 11.7	* 45.0	54	2500	1015	320	* 601	* 9.4	9.5	85.5	101.7	1.33	1.32	* 7	* 1.60	2.11	* 9.3	9.5	16.7	* 84.1	6.05	662	
D * 3:40	* 10141.3	10133.2	10125.0	* 9.7	* 45.4	54	2700	1707	325	* 589	* 9.4	9.5	85.5	100.4	1.33	1.33	* 7	* 1.87	2.11	* 10.1	9.5	16.9	* 85.2	6.17	658	
D * 3:44	* 10142.1	10134.0	10126.0	* 11.9	* 44.6	53	2600	1703	325	* 589	* 9.5	9.5	85.5	100.0	1.33	1.32	* 7	* 1.82	2.11	* 10.4	9.5	17.0	* 86.0	6.23	655	
D * 3:50	* 10143.5	10135.4	10126.0	* 15.1	* 44.5	53	2600	1707	325	* 585	* 9.5	9.5	85.5	101.0	1.33	1.31	* 7	* 1.72	2.11	* 9.3	9.5	16.7	* 87.4	6.33	640	
D * 3:53	* 10144.2	10136.1	10127.0	* 14.4	* 44.0	52	2600	1764	325	* 585	* 9.5	9.7	85.5	100.6	1.33	1.32	* 7	* 1.73	2.11	* 9.3	9.5	16.7	* 88.1	6.37	645	
D * 3:58	* 10145.0	10137.0	10129.0	* 10.2	* 46.1	53	2600	1769	321	* 591	* 9.5	9.5	85.5	100.5	1.33	1.32	* 7	* 1.84	2.11	* 10.3	9.5	17.0	* 89.0	6.46	643	
D * 4:10	* 10146.0	10138.0	10130.0	* 4.9	* 44.9	53	2600	1754	321	* 587	* 9.5	9.5	85.3	100.6	1.33	1.33	* 7	* 2.12	2.11	* 9.3	9.5	16.7	* 90.0	6.67	644	
D * 4:24	* 10147.3	10138.0	10134.0	* 4.9	* 45.2	54	2600	1754	321	* 595	* 9.5	9.5	85.3	101.0	1.33	1.30	* 7	* 2.12	2.11	* 9.3	9.6	16.7	* 90.0	6.89	644	
D * 4:30	* 10148.2	10140.2	10135.0	* 9.8	* 44.9	54	2500	1754	325	* 595	* 9.5	9.5	85.2	100.5	1.33	1.32	* 7	* 1.87	2.11	* 10.1	9.5	16.9	* 92.2	6.99	641	
D * 4:33	* 10149.3	10140.2	10136.0	* 9.8	* 41.4	54	2500	1759	321	* 595	* 9.5	9.5	85.2	100.5	1.33	1.32	* 7	* 1.87	2.11	* 10.1	9.6	16.9	* 92.2	7.04	641	
D * 4:34	* 10150.0	10142.0	10136.0	* 40.5	* 40.7	54	2000	1750	325	* 595	* 9.5	9.5	85.3	100.6	1.33	1.33	* 7	* 1.35	2.11	* 9.3	9.6	16.7	* 94.0	7.06	631	
D * 4:37	* 10151.3	10143.2	10138.0	* 20.1	* 38.2	54	2600	1750	325	* 597	* 9.5	9.5	85.2	101.2	1.											