

\* BIT # 6 SMITH SDS BIT DIAMETER : 12.25 inch NOZZ 12/12/13  
 MUD RHEOLOGICAL PARAMETERS : PV = 3 YP = 1 GEL = 1  
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* TIME *	* MEASURED *	* DEPTHS *			* DRILLING PARAMETERS *				* MUD PARAMETERS *				* 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 *	* ft/lb *	* psi *	* gpm *	* bbls *	* ppg *	* degF *	* ohm *	* unit *	* ppg *	* ppg *	* ppg *	* feet *	* Dhr *	* \$ *				
D * 22: 4 *	1901.5	1900.7	1805.0	148.8	4.9	99	1100	1403	417	605	8.6	60.0	68.3	.21	.22	5	.58	.88	11.0	8.6	14.0	536.5	2.74	50
D * 22: 5 *	1902.8	1902.1	1805.0	189.2	4.9	99	1100	1398	419	607	8.6	60.0	68.2	.21	.23	7	.55	.88	11.0	8.6	14.0	537.9	2.74	50
D * 22: 5 *	1903.3	1902.8	1805.0	189.2	4.7	100	1100	1390	419	607	8.6	60.1	68.1	.21	.22	7	.54	.88	11.0	8.6	14.0	538.6	2.75	50
D * 22: 5 *	1904.0	1904.2	1805.0	256.6	5.4	100	1100	1403	419	607	8.6	60.0	68.0	.21	.23	7	.50	.88	11.0	8.6	14.0	540.0	2.75	50
D * 22: 5 *	1905.6	1904.7	1805.0	273.0	5.6	101	1000	1400	419	607	8.6	60.0	68.0	.21	.23	7	.49	.88	11.0	8.6	14.0	540.5	2.75	50
D * 22: 6 *	1906.6	1905.7	1805.0	263.3	5.2	104	1200	1400	419	603	8.6	60.1	68.0	.21	.23	7	.49	.88	11.0	8.6	14.0	541.5	2.76	50
D * 22: 6 *	1907.0	1905.7	1805.0	263.3	4.9	104	1100	1400	419	603	8.6	60.1	68.0	.21	.23	7	.49	.88	11.0	8.6	14.0	541.5	2.76	50
D * 22: 6 *	1908.3	1907.6	1805.0	175.4	6.1	102	1100	1400	421	603	8.6	60.0	67.9	.21	.23	7	.56	.88	11.0	8.6	14.0	543.5	2.77	50
D * 22: 7 *	1909.4	1908.6	1805.0	104.8	7.0	102	1100	1400	429	577	8.6	60.1	67.6	.21	.23	7	.71	.88	10.5	8.6	13.7	544.4	2.78	50
D * 22: 7 *	1911.6	1909.5	1805.0	167.4	5.2	105	1100	1400	424	577	8.6	60.1	67.6	.21	.23	7	.61	.88	11.6	8.6	14.3	545.4	2.78	50
D * 22: 8 *	1914.8	1913.7	1806.0	887.3	2.3	105	1400	1422	424	599	8.6	60.1	67.5	.21	.23	7	.22	.88	11.0	8.6	14.0	549.5	2.79	49
D * 22: 8 *	1916.6	1915.8	1806.0	210.3	3	101	1200	1422	422	599	8.6	60.1	67.4	.21	.23	7	-.00	.88	11.0	8.6	14.0	551.7	2.79	49
D * 22: 8 *	1917.4	1916.6	1806.0	408.0	1.6	100	1300	1417	419	597	8.6	60.1	67.3	.21	.23	7	.33	.88	11.0	8.6	14.0	552.5	2.79	49
D * 22: 8 *	1918.8	1917.7	1806.0	206.0	.7	97	1200	1412	419	595	8.6	60.1	67.2	.21	.23	7	.36	.88	11.0	8.6	14.0	553.6	2.80	49
D * 22: 9 *	1935.9	1920.0	1806.0	369.1	.4	105	1200	1412	424	595	8.6	60.1	67.2	.21	.23	8	.29	.88	11.0	8.6	14.0	555.8	2.80	49
D * 22: 9 *	1937.7	1936.7	1806.0	432.1	1.2	101	1200	1412	424	595	8.6	60.1	67.0	.21	.24	8	-.04	.88	11.0	8.6	14.0	572.5	2.81	48
D * 22: 9 *	1938.7	1937.9	1806.0	326.0	1.2	100	1000	1412	424	595	8.6	60.1	67.0	.21	.24	8	.35	.88	11.0	8.6	14.0	573.8	2.81	48
D * 22: 9 *	1939.7	1938.7	1814.0	420.8	1.2	100	1100	1412	424	595	8.6	60.1	66.8	.21	.24	8	.31	.88	11.0	8.6	14.0	574.6	2.81	47
D * 22: 9 *	1940.7	1940.0	1814.0	340.8	1.2	101	1000	1403	420	593	8.6	60.1	66.8	.21	.24	8	.32	.88	11.0	8.6	14.0	575.9	2.81	47
D * 22:17 *	1926.0	1940.0	1834.0	340.8	.0	0	0	579	417	591	8.6	60.2	67.9	.21	.31	5	.32	.88	11.0	8.6	14.0	575.9	2.82	47
D * 22:21 *	1928.7	1928.4	1834.0	1349.	.5	5	300	1144	352	603	8.6	60.2	68.2	.21	.31	5	-.05	.88	11.0	8.6	14.0	578.3	2.82	47
D * 22:21 *	1929.4	1929.0	1834.0	177.3	1.2	85	1100	1222	384	605	8.6	60.3	68.2	.21	.31	5	-.00	.88	11.0	8.6	14.0	578.9	2.83	47
D * 22:21 *	1930.3	1929.0	1834.0	177.3	1.2	86	1000	1241	385	603	8.6	60.2	68.1	.21	.31	5	-.00	.88	11.0	8.6	14.0	578.9	2.83	47
D * 22:21 *	1931.1	1931.1	1834.0	565.4	1.4	100	1000	1278	384	601	8.6	60.2	68.2	.21	.31	5	.00	.88	11.0	8.6	14.0	581.0	2.83	47
D * 22:21 *	1933.2	1932.1	1834.0	550.9	.0	100	1000	1310	387	599	8.6	60.3	68.2	.21	.31	5	.16	.88	11.0	8.6	14.0	582.0	2.83	47
D * 22:22 *	1933.5	1933.2	1834.0	567.0	.0	100	1000	1329	395	597	8.6	60.2	68.2	.21	.31	5	.16	.88	11.0	8.6	14.0	583.0	2.83	47
D * 22:22 *	1934.4	1933.2	1834.0	567.0	1.2	99	1000	1361	395	599	8.6	60.3	68.3	.21	.32	5	.16	.88	11.0	8.6	14.0	583.0	2.84	47
D * 22:22 *	1936.0	1934.7	1834.0	411.4	.0	97	1000	1385	395	599	8.6	60.2	68.3	.21	.32	5	-.00	.88	11.0	8.6	14.0	584.5	2.84	47
D * 22:22 *	1941.1	1940.1	1834.0	446.5	1.0	98	1000	1394	419	593	8.6	60.2	68.4	.21	.32	5	.29	.88	11.0	8.6	14.0	590.0	2.85	46
D * 22:23 *	1945.0	1944.4	1834.0	358.0	.5	103	900	1403	419	507	8.6	60.3	68.4	.21	.32	5	.30	.88	11.0	8.6	14.0	594.2	2.86	46
D * 22:23 *	1948.2	1947.5	1834.0	351.2	1.0	99	1000	1403	417	501	8.6	60.3	68.4	.21	.32	5	.32	.88	11.0	8.6	14.0	597.4	2.86	46
D * 22:24 *	1950.7	1949.2	1834.0	512.8	.7	101	900	1403	414	503	8.6	60.2	68.4	.21	.32	5	.30	.88	11.0	8.6	14.0	600.6	2.87	46
D * 22:24 *	1954.4	1954.1	1834.0	297.7	1.4	100	900	1400	415	577	8.6	60.3	68.2	.21	.32	5	.37	.88	11.0	8.6	14.0	603.9	2.88	46
D * 22:25 *	1957.1	1956.8	1834.0	724.6	1.0	101	1000	1400	419	576	8.6	60.3	68.1	.21	.32	5	.22	.88	11.0	8.6	14.0	606.7	2.88	45
D * 22:25 *	1960.3	1959.5	1834.0	308.9	1.7	98	1000	1400	424	570	8.6	60.3	68.0	.21	.32	5	.37	.88	11.0	8.6	14.0	609.3	2.89	45
D * 22:26 *	1964.4	1963.4	1834.0	490.4	1.2	93	1200	1400	419	568	8.6	60.3	67.9	.21	.32	5	.28	.89	11.0	8.6	14.0	613.2	2.89	45
D * 22:41 *	1965.1	1973.5	1863.0	461.2	14.7	93	1300	1460	429	502	8.6	60.4	65.2	.21	.24	7	.45	.89	11.0	8.6	14.0	623.4	2.94	45
D * 22:42 *	1966.7	1975.0	1863.0	205.6	12.3	93	1200	1460	429	500	8.6	60.4	65.2	.21	.24	7	.48	.89	11.4	8.6	14.2	624.8	2.95	44
D * 22:42 *	1967.6	1975.7	1863.0	378.6	12.3	93	1300	1473	429	500	8.6	60.5	65.2	.21	.24	7	.48	.89	11.0	8.6	14.0	625.5	2.95	44
D * 22:42 *	1972.3	1978.6	1863.0	779.1	11.5	93	1300	1477	428	496	8.6	60.5	65.1	.21	.24	7	.18	.89	11.0	8.6	14.0	630.9	2.95	44
D * 22:42 *	1976.6	1985.0	1863.0	1072.	5.2	96	1300	1477	424	494	8.6	60.5	65.2	.21	.24	8	.21	.89	11.0	8.6	14.0	634.9	2.96	44
D * 22:43 *	1977.1	1985.5	1863.0	127.1	4.0	92	1500	1482	431	492	8.6	60.4	65.2	.21	.24	8	.59	.89	11.0	8.6	14.4	635.4	2.96	44
D * 22:43 *	1978.5	1985.5	1863.0	127.1	4.0	92	1500	1477	433	490	8.6	60.5	65.2	.21	.24	7	.59	.89	11.0	8.6	14.4	635.4	2.97	44
D * 22:43 *	1979.5	1987.5	1863.0	67.4	5.0	93	1600	1477	433	490	8.6	60.4	65.2	.21	.24	7	.75	.89	10.2	8.6	13.6	637.4	2.97	44
D * 22:43 *	1981.9	1990.3	1863.0	658.8	3.6	99	1400	1463	424	406	8.6	60.5	65.3	.21	.24	7	.29	.89	11.0	8.6	14.0	640.2	2.97	44
D * 22:43 *	1983.0	1991.0	1863.0	195.7	4.0	96	1000	1473	424	404	8.6	60.5	65.3	.21	.23	7	.51	.89	11.0	8.6	14.0	640.9	2.98	44
D * 22:44 *	1983.8	1991.7	1863.0	348.5	3.3	96	1100	1468	431	404	8.6	60.6	65.4	.21	.23	7	.39	.89	11.0	8.6	14.0	641.5	2.98	43
D * 22:44 *	1985.8	1994.2	1863.0	423.0	5.6	97	1300	1468	433	402	8.6	60.4	65.4	.21	.23	7	.39	.89	11.0	8.6	14.0	644.0	2.98	43
D * 22:44 *	1986.8	1995.2	1863.0	269.7	5.4	101	1100	1468	419	402	8.6	60.5	65.4	.21	.24	7	.47	.89	11.0	8.6	14.0	645.0	2.99	43

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