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\* GEOSERVICES  
\* ON-LINE TDC  
CAPE SORRELL # 1  
DATE : 15/ 7/02  
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\* BIT # 8 SMITH F3J BIT DIAMETER : 12.25 inch NOZZ 13/13/13  
MUD RHEOLOGICAL PARAMETERS : PV = 3 YP = 1 GEL = 0  
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* TIME *	DEPTHS			DRILLING PARAMETERS				MUD PARAMETERS				OVERPRESSURE SURVEY				* ACCUMULATED ON BIT *							
	* MEASURED	* VERTCL	* LAGGED	* ROP	* WOB	RPM	TORQ	PRESS	FLOW	* PIT	DENSITY	TEMPERATURE		RESISTIVITY		* DCS	* PF	ECD	FRAC	* FEET	TIME	COST	
* Hr:mn	* feet	* feet	* feet	* ft/h	* klbs	rpm	ftlb	psi	gpm	* bbls	ppg	degF		ohm	* unit	ppg	ppg	ppg	* feet	Dhr	\$		
D * 12: 1	* 3840.5	3839.3	3671.0	* 323.6	* 4.3	98	1600	1852	493	* 552	* 8.6	57.2	64.4	.20	.21	* -0	* .44	1.04	* 0.6	0.6	14.0	* 1733. 18.46	56
D * 12: 1	* 3840.8	3839.3	3671.0	* 323.6	* 4.5	96	1600	1857	494	* 552	* 8.6	57.1	64.4	.20	.21	* -0	* .44	1.04	* 0.6	0.6	14.0	* 1733. 18.47	55
D * 12: 2	* 3843.1	3842.0	3671.0	* 62.8	* 2.1	99	1600	1959	368	* 550	* 8.6	57.2	64.6	.20	.21	* 1	* .66	1.04	* 0.6	0.6	14.0	* 1736. 18.49	55
D * 12: 4	* 3845.6	3844.0	3680.0	* 70.3	* .0	100	1500	2002	587	* 546	* 8.6	57.2	64.5	.20	.21	* 1	* .63	1.04	* 0.6	0.6	14.0	* 1738. 18.51	54
D * 12:23	* 3851.8	3847.0	3730.0	* 9.7	* 3.9	97	800	2133	524	* 524	* 8.6	57.0	64.9	.20	.21	* 1	* .86	1.04	* 10.3	0.6	14.6	* 1741. 18.69	56
D * 12:24	* 3853.9	3852.1	3731.0	* 559.8	* 3.8	97	900	2128	529	* 524	* 8.6	56.9	64.8	.20	.21	* 1	* .31	1.04	* 0.6	0.6	14.0	* 1746. 18.69	55
D * 12:24	* 3855.6	3854.1	3731.0	* 513.3	* -5	96	1300	2128	524	* 522	* 8.6	57.0	64.6	.20	.21	* 1	* .32	1.04	* 0.6	0.6	14.0	* 1748. 18.70	55
D * 14:11	* 3858.1	3856.1	3857.0	* 84.5	* -1.5	100	900	1664	468	* 588	* 8.6	57.2	65.9	.21	.21	* 3	* .61	1.04	* 0.6	0.6	14.0	* 1750. 18.72	55
D * 14:12	* 3860.7	3859.1	3857.0	* 903.9	* 1.9	100	900	1664	469	* 510	* 8.6	57.2	65.9	.21	.22	* 3	* -.80	1.04	* 0.6	0.6	14.0	* 1753. 18.73	54
D * 14:12	* 3863.4	3861.3	3857.0	* 357.9	* 2.7	103	900	1664	478	* 510	* 8.6	57.1	65.8	.21	.22	* 3	* .40	1.04	* 0.6	0.6	14.0	* 1755. 18.74	54
D * 14:13	* 3865.9	3864.0	3857.0	* 163.4	* 3.2	101	1100	1664	469	* 510	* 8.6	57.2	65.6	.21	.22	* 3	* .52	1.04	* 0.6	0.6	14.0	* 1758. 18.75	54
D * 14:14	* 3868.0	3865.9	3857.0	* 54.0	* 4.0	95	1500	1705	478	* 512	* 8.6	57.1	65.6	.21	.22	* 3	* .76	1.04	* 11.2	0.6	15.0	* 1760. 18.77	54
D * 14:15	* 3870.6	3868.9	3857.0	* 83.8	* 4.0	101	1700	1799	493	* 516	* 8.6	57.1	65.5	.21	.22	* 3	* .72	1.04	* 0.6	0.6	14.0	* 1763. 18.79	54
D * 14:17	* 3873.1	3871.1	3857.0	* 133.7	* 2.1	105	1700	1799	492	* 520	* 8.6	57.2	65.4	.20	.22	* 1	* .59	1.04	* 0.6	0.6	14.0	* 1765. 18.81	54
D * 14:18	* 3875.6	3874.4	3857.0	* 94.1	* 1.7	101	1700	1780	488	* 536	* 8.6	57.1	65.3	.20	.22	* 3	* .56	1.04	* 0.6	0.6	14.0	* 1768. 18.84	54
D * 14:19	* 3878.0	3876.3	3857.0	* 230.9	* 3.2	100	1800	1794	492	* 542	* 8.6	57.1	65.3	.20	.21	* 3	* .46	1.04	* 0.6	0.6	14.0	* 1770. 18.86	54
D * 14:21	* 3880.8	3879.1	3857.0	* 159.8	* 1.9	100	1600	1789	493	* 540	* 8.6	57.1	65.1	.20	.21	* 3	* .55	1.04	* 0.6	0.6	14.0	* 1773. 18.89	54
D * 14:32	* 3883.3	3881.8	3857.0	* 114.3	* 1.3	108	1000	1881	517	* 534	* 8.6	57.0	64.7	.20	.22	* 4	* .44	1.04	* 0.6	0.6	14.0	* 1776. 18.91	54
D * 14:32	* 3886.4	3884.2	3857.0	* 225.3	* -1.1	106	1100	1746	500	* 534	* 8.6	57.0	64.3	.20	.22	* 3	* -.80	1.04	* 0.6	0.6	14.0	* 1778. 18.92	54
D * 14:33	* 3889.4	3887.1	3857.0	* 730.1	* 2.1	99	1200	1741	493	* 532	* 8.6	57.1	64.2	.20	.22	* 3	* .26	1.04	* 0.6	0.6	14.0	* 1782. 18.93	54
D * 14:33	* 3891.6	3889.2	3857.0	* 479.6	* 2.3	99	1400	1746	479	* 534	* 8.6	57.0	64.2	.20	.21	* 4	* .33	1.04	* 0.6	0.6	14.0	* 1784. 18.93	54
D * 14:34	* 3893.1	3892.0	3857.0	* 123.0	* .3	103	1600	1736	481	* 530	* 8.6	57.1	63.9	.20	.22	* 4	* .36	1.04	* 0.6	0.6	14.0	* 1786. 18.94	54
D * 14:35	* 3896.0	3894.1	3857.0	* 198.5	* 3.0	99	1500	1755	479	* 528	* 8.6	57.1	63.8	.20	.21	* 4	* .40	1.04	* 0.6	0.6	14.0	* 1789. 18.96	54
D * 14:36	* 3898.0	3896.1	3857.0	* 163.5	* -1.3	100	1600	1751	483	* 524	* 8.6	57.1	63.8	.20	.21	* 3	* .46	1.04	* 0.6	0.6	14.0	* 1790. 18.96	54
D * 14:37	* 3900.5	3899.2	3857.0	* 169.5	* 2.7	102	1700	1751	478	* 518	* 8.6	57.0	63.9	.20	.21	* 3	* .53	1.04	* 0.6	0.6	14.0	* 1793. 19.00	54
D * 14:39	* 3903.2	3902.1	3857.0	* 161.3	* 3.0	104	1600	1736	483	* 516	* 8.6	57.0	63.8	.20	.21	* 3	* .55	1.04	* 0.6	0.6	14.0	* 1796. 19.03	54
D * 14:40	* 3905.5	3904.0	3857.0	* 250.5	* 3.6	103	1700	1760	483	* 514	* 8.6	57.1	63.8	.20	.21	* 3	* .41	1.04	* 0.6	0.6	14.0	* 1798. 19.04	54
D * 14:41	* 3908.1	3907.0	3857.0	* 109.8	* 2.7	103	1700	1755	488	* 512	* 8.6	57.0	64.0	.20	.21	* 3	* .62	1.04	* 0.6	0.6	14.0	* 1801. 19.06	54
D * 14:43	* 3910.8	3909.1	3857.0	* 61.7	* 3.7	101	1500	1751	488	* 506	* 8.6	57.0	64.2	.20	.21	* 3	* .70	1.04	* 0.6	0.6	14.0	* 1803. 19.10	54
D * 14:52	* 3915.5	3913.9	3857.0	* 1076.	* 8.4	105	1100	1654	475	* 504	* 8.6	56.9	64.2	.20	.21	* 4	* -.90	1.04	* 0.6	0.6	14.0	* 1808. 19.12	54
D * 14:54	* 3918.3	3917.2	3857.0	* 56.2	* 3.5	100	1500	1930	503	* 502	* 8.6	56.9	63.8	.20	.21	* 4	* .72	1.04	* 0.6	0.6	14.0	* 1811. 19.15	54
D * 14:55	* 3920.6	3919.3	3857.0	* 220.6	* 4.1	100	1500	1765	502	* 500	* 8.6	56.8	63.6	.20	.22	* 4	* .52	1.04	* 0.6	0.6	14.0	* 1813. 19.16	54
D * 14:56	* 3923.3	3921.4	3857.0	* 188.1	* 3.1	100	1600	1678	464	* 494	* 8.6	56.8	63.4	.20	.21	* 3	* .50	1.04	* 0.6	0.6	14.0	* 1815. 19.18	54
D * 14:57	* 3926.1	3923.9	3857.0	* 102.1	* 6.5	103	1600	1683	469	* 492	* 8.6	56.8	63.4	.20	.21	* 3	* .62	1.04	* 0.6	0.6	14.0	* 1818. 19.20	53
D * 14:59	* 3928.2	3927.0	3857.0	* 58.9	* 5.0	103	1700	1683	469	* 488	* 8.6	56.7	63.5	.20	.21	* 3	* .82	1.05	* 10.8	0.6	14.8	* 1821. 19.22	53
D * 15: 0	* 3930.7	3929.0	3857.0	* 140.2	* 4.4	101	1700	1683	469	* 486	* 8.6	56.7	63.4	.20	.21	* 3	* .63	1.05	* 0.6	0.6	14.0	* 1823. 19.24	53
D * 15: 1	* 3933.2	3932.1	3857.0	* 92.3	* 4.0	105	1500	1736	483	* 480	* 8.6	56.7	63.4	.20	.21	* 4	* .68	1.05	* 0.6	0.6	14.0	* 1826. 19.26	53
D * 15: 2	* 3935.8	3934.0	3857.0	* 393.8	* 8.3	105	1600	1736	478	* 474	* 8.6	56.8	63.4	.20	.21	* 4	* .44	1.05	* 0.6	0.6	14.0	* 1828. 19.28	53
D * 15: 3	* 3938.1	3936.1	3857.0	* 199.5	* 4.8	99	1700	1746	478	* 474	* 8.6	55.5	63.5	.20	.21	* 3	* .59	1.05	* 0.6	0.6	14.0	* 1830. 19.29	53
D * 15: 5	* 3940.7	3939.0	3857.0	* 91.1	* 3.2	101	1500	1736	478	* 466	* 8.6	56.6	63.8	.21	.21	* 3	* .69	1.05	* 0.6	0.6	14.0	* 1833. 19.33	53
D * 15:19	* 3943.4	3942.2	3857.0	* 47.1	* -3.5	94	1300	1722	483	* 472	* 8.6	56.5	63.6	.21	.21	* 3	* .69	1.05	* 0.6	0.6	14.0	* 1836. 19.40	53
D * 15:20	* 3945.6	3944.2	3857.0	* 214.1	* 6.0	103	1600	1722	473	* 466	* 8.6	56.5	63.3	.21	.21	* 3	* .52	1.05	* 0.6	0.6	14.0	* 1838. 19.41	53
D * 15:23	* 3948.0	3946.9	3857.0	* 91.2	* 8.5	103	1600	1707	469	* 462	* 8.6	56.4	63.3	.20	.21	* 3	* .68	1.05	* 0.6	0.6	14.0	* 1841. 19.47	53
D * 15:40	* 3950.6	3949.4	3881.0	* 80.3	* 21.9	99	1200	1818	492	* 440	* 8.6	56.2	63.2	.21	.21	* 3	* .84	1.05	* 10.6	0.6	14.7	* 1843. 19.64	53
D * 15:47	* 3953.8	3951.8	3884.0	* 25.8	* 21.0	99	1700	1814	488	* 428	* 8.6	56.0	64.2	.21	.21	* 3	* 1.27	1.05	* 0.6	0.6	14.0	* 1845. 19.76	54
D * 15:53	* 3955.5	3954.0	3902.0	* 28.2	* 26.1	103	1800	1823	488	* 420	* 8.6	56.0	64.0	.21	.21	* 3	* 1.30	1.05	* 0.6	0.6	14.0	* 1848. 19.86	54
D * 15:58	* 3958.1	3957.0	3910.0	* 27.8	* 30.4	103	2000	1838	493	* 410	* 8.6	56.0	64.0	.21	.21	* 3	* 1.41	1.05	* 0.6	0.6	14.0	* 1851. 19.94	54
D * 16: 2	* 3960.6	3959.1	3911.0	* 37.1	* 32.6	102	2000	1843	492	* 396	* 8.6	56.0	63.9	.21	.21	* 1	* 1.31	1.05	* 0.6	0.6	14.0	* 1853. 20.01	54
D * 16: 7	* 3963.1	3961.8	3919.0	* 33.9	* 32.0	105	1700	1852	488	* 382	* 8.6	56.0	63.8	.21	.21	* 3	* 1.36	1.05	* 0.6	0.6	14.0	* 1855. 20.09	54