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* GEOSERVICES                                       CAPE SORELL # 1                          DATE : 26/ 7/82  *
* ON-LINE TDC                                                                                                 *
*-----------------------------------------------------------------------------------------------------------*
* BIT # 14      SMITH SDGH  BIT DIAMETER : 12.25 inch   NOZZ 12/12/12      MUD RHEOLOGICAL PARAMETERS : PV = 20  YP = 12  GEL = 5 *
*-----------------------------------------------------------------------------------------------------------*
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TIME	MEASURED	DEPTHS VERTCL	LAGGED	ROP	WOB	RPM	TORQ	PRESS	FLOW IN	PIT VOL	DENSITY IN	DENSITY OUT	TEMP IN	TEMP OUT	RESIST IN	RESIST OUT	GAS DCS	NORM	PF	ECD	FRAC	FEET	ON BIT TIME	COST
Hr:mn	feet	feet	feet	ft/h	klbs	rpm	ftlb	psi	gpm	bbls	ppg	ppg	degF	degF	ohmm	ohmm	unit		ppg	ppg	ppg	feet	DHr	$
21:12	4170.8	4166.4	4168.0	.0	.0	74	1000	2689	577	325	9.0	9.0	60.1	76.8	.69	.70	1	1.01	1.20	10.2	9.0	14.7	.0	.00	254
21:14	4171.1	4169.5	4167.0	50.7	13.6	83	1100	2718	577	325	9.0	9.0	60.4	77.8	.69	.68	1	.97	1.20	10.5	9.0	14.8	3.1	.01	6702
21:16	4172.2	4169.5	4167.0	50.7	15.2	85	1000	2737	578	325	9.0	9.0	60.7	80.0	.69	.67	3	.97	1.20	10.5	9.0	14.8	3.1	.02	6702
21:22	4173.3	4170.6	4167.0	141.3	.0	85	1000	2757	580	327	9.0	9.0	62.2	80.3	.69	.68	1	.79	1.20	8.6	9.0	14.1	4.2	.03	5008
23:1	4174.8	4171.7	4173.0	111.2	-4.7	0	0	19	16	566	9.0	9.0	73.3	83.1	.60	.60	9	.84	1.20	8.6	9.0	14.1	5.3	.44	3935
23:1	4175.5	4171.7	4173.0	111.2	.0	0	0	841	103	566	9.0	9.0	73.3	83.1	.60	.60	9	.84	1.20	8.6	9.0	14.1	5.3	.44	3935
23:2	4176.8	4175.2	4173.0	108.9	.0	51	1100	2024	601	572	9.0	9.0	73.3	82.6	.60	.60	9	-.22	1.20	8.6	9.0	14.1	8.8	.45	2550
23:9	4177.9	4176.3	4173.0	76.4	17.8	88	1200	2703	587	546	9.0	9.0	73.3	83.6	.59	.61	8	.96	1.20	10.6	9.0	14.8	9.9	.46	2267
23:22	4178.9	4176.3	4173.0	76.4	.0	88	1200	2742	587	564	9.0	9.0	73.7	82.5	.59	.64	7	.96	1.20	10.6	9.0	14.8	9.9	.47	2267
23:22	4179.3	4176.3	4173.0	76.4	.0	87	1500	2742	587	564	9.0	9.0	73.7	82.5	.59	.64	7	.96	1.20	10.6	9.0	14.8	9.9	.47	2267
23:35	4180.0	4170.4	4173.0	15.5	20.6	86	1200	2732	588	562	9.0	9.0	75.0	81.9	.59	.63	8	1.52	1.20	8.6	9.0	14.1	12.0	.52	1879
0:27	4181.5	4179.6	4180.0	22.7	24.8	87	1200	2718	582	552	9.0	9.0	75.9	82.5	.60	.63	3	1.36	1.20	8.6	9.0	14.1	13.2	.57	1730
0:29	4250.8	4249.2	4180.0	804.5	23.7	87	1200	2723	577	550	9.0	9.0	75.9	82.4	.60	.62	3	.40	1.20	8.6	9.0	14.2	82.8	.58	275
0:30	4252.2	4250.0	4180.0	45.7	.0	87	1200	2718	582	540	9.0	9.0	75.9	82.7	.60	.62	3	1.14	1.20	8.6	9.0	14.2	83.6	.59	273
0:33	4262.0	4250.0	4180.0	45.7	.0	87	1100	2713	577	546	9.0	9.0	76.0	83.1	.60	.62	4	1.14	1.20	8.6	9.0	14.2	83.6	.59	273
0:33	4265.8	4250.0	4180.0	45.7	.0	88	1000	2723	582	546	9.0	9.0	76.0	83.0	.60	.62	4	1.14	1.20	8.6	9.0	14.2	83.6	.59	273
0:35	4266.2	4264.2	4180.0	3330.	22.9	89	1000	2723	587	544	9.0	9.0	76.0	83.0	.60	.61	3	.04	1.20	8.6	9.0	14.2	97.8	.60	234
0:36	4267.4	4265.8	4180.0	268.3	.0	88	1100	2708	585	542	9.0	9.0	76.0	83.3	.60	.62	3	.70	1.20	8.6	9.0	14.2	99.4	.61	231
0:40	4268.3	4265.8	4180.0	268.3	.0	88	1100	2713	587	542	9.0	9.0	76.2	83.7	.60	.62	4	.70	1.20	8.6	9.0	14.2	99.4	.61	231
0:40	4270.5	4268.9	4180.0	596.6	31.5	89	1000	2708	577	542	9.0	9.0	76.2	83.7	.60	.62	4	.51	1.20	8.6	9.0	14.2	102.5	.62	224
0:40	4271.7	4270.1	4180.0	883.8	27.6	88	1100	2713	579	542	9.0	9.0	76.2	83.6	.60	.62	4	.39	1.20	8.6	9.0	14.2	103.7	.62	221
0:42	4273.0	4270.1	4180.0	883.8	.0	88	1000	2713	587	544	9.0	9.0	76.3	83.2	.60	.63	4	.39	1.20	8.6	9.0	14.2	103.7	.63	221
0:43	4273.3	4271.7	4180.0	251.0	26.6	89	1000	2718	587	542	9.0	9.0	76.3	83.2	.60	.63	3	.71	1.20	8.6	9.0	14.2	105.3	.63	219
0:47	4274.0	4271.7	4180.0	251.0	23.1	87	1300	2723	582	542	9.0	9.0	76.3	83.4	.60	.62	4	.71	1.20	8.6	9.0	14.2	105.3	.65	219
0:50	4275.3	4272.4	4180.0	39.3	.0	88	1000	2718	577	540	9.0	9.0	76.3	84.1	.60	.62	4	1.19	1.20	8.6	9.0	14.2	106.0	.66	218
0:53	4280.0	4273.7	4180.0	71.0	.0	0	-100	2771	582	536	9.0	9.0	76.4	84.5	.61	.62	4	1.00	1.20	10.3	9.0	14.8	107.3	.67	216
1:2	4282.1	4278.4	4180.0	1204.	26.0	87	1000	2752	582	540	9.0	9.0	76.7	83.2	.61	.62	4	.30	1.21	8.6	9.0	14.8	110.0	.67	207
1:3	4283.3	4281.7	4180.0	82.0	25.0	86	1000	2742	582	540	9.0	9.0	76.7	83.1	.61	.63	3	1.01	1.21	10.3	9.0	14.8	115.3	.69	201
1:12	4284.0	4281.7	4180.0	82.0	23.9	85	1100	2732	588	530	9.0	9.0	76.8	84.2	.61	.62	1	1.01	1.21	10.3	9.0	14.8	115.3	.73	201
1:13	4285.1	4283.5	4180.0	43.4	.0	87	1100	2723	587	530	9.0	9.0	76.8	84.2	.61	.62	3	1.15	1.21	8.6	9.0	14.2	117.1	.73	199
1:13	4286.3	4283.5	4180.0	43.4	21.5	86	1000	2708	582	530	9.0	9.0	76.9	84.2	.61	.63	3	1.15	1.21	8.6	9.0	14.2	117.1	.73	199
1:17	4287.0	4284.7	4250.0	249.0	.0	86	1000	2708	582	530	9.0	9.0	76.9	84.2	.62	.61	3	.66	1.21	8.6	9.0	14.2	118.3	.74	198
1:17	4288.2	4286.5	4252.0	124.1	.0	87	1100	2699	592	532	9.0	9.0	77.0	84.2	.62	.62	3	.92	1.21	11.0	9.0	15.0	120.1	.75	195
1:21	4289.4	4287.8	4265.0	38.0	25.8	70	1200	2665	591	530	9.0	9.0	77.1	84.5	.62	.62	3	1.22	1.21	8.6	9.0	14.2	121.4	.78	194
1:32	4292.3	4287.8	4273.0	38.0	.0	85	1000	2674	587	530	9.0	9.0	77.4	84.6	.61	.62	3	1.22	1.21	8.6	9.0	14.2	121.4	.81	194
1:33	4294.2	4292.6	4273.0	361.8	27.4	83	1100	2679	582	536	9.0	9.0	77.4	84.9	.61	.61	3	.60	1.21	8.6	9.0	14.2	126.2	.82	188
1:34	4295.8	4294.2	4273.0	63.1	13.0	0	-100	2752	582	530	9.0	9.0	77.5	84.9	.61	.62	1	.98	1.21	10.5	9.0	14.8	127.8	.84	186
1:35	4296.7	4295.1	4274.0	217.5	.0	0	0	-39	0	530	9.0	9.0	77.6	84.9	.61	.62	3	-.59	1.21	8.6	9.0	14.2	128.7	.85	185
1:42	4312.1	4310.5	4275.0	309.9	7.3	0	-100	1190	582	560	9.0	9.0	77.6	83.7	.61	.63	4	-1.00	1.21	8.6	9.0	14.2	144.1	.86	166
1:43	4314.2	4310.5	4275.0	309.9	.0	0	0	-29	0	556	9.0	9.0	77.7	83.8	.61	.63	4	-1.00	1.21	8.6	9.0	14.2	144.1	.87	166
2:48	4317.8	4316.2	4314.0	384.5	.0	85	1200	2752	592	540	9.0	9.0	81.7	89.5	.61	.62	3	.30	1.21	8.6	9.0	14.2	149.0	.88	160
2:50	4319.2	4317.6	4314.0	115.3	19.7	87	1200	2757	592	538	9.0	9.0	81.8	88.9	.61	.62	3	.79	1.21	8.6	9.0	14.2	151.2	.89	158
2:56	4325.8	4324.1	4314.0	299.3	.0	91	1100	2616	591	538	9.0	9.0	82.1	87.7	.61	.62	3	.61	1.21	8.6	9.0	14.2	157.0	.90	152
3:1	4326.3	4324.7	4314.0	29.9	24.6	89	1000	2761	596	538	9.0	9.0	82.2	87.6	.61	.62	3	1.21	1.21	8.6	9.0	14.2	158.3	.92	152
3:1	4327.3	4324.7	4314.0	29.9	25.2	89	1000	2752	596	538	9.0	9.0	82.2	87.6	.61	.62	3	1.21	1.21	8.6	9.0	14.2	158.3	.93	152
3:2	4328.5	4326.9	4314.0	248.5	22.1	89	1000	2761	596	538	9.0	9.0	82.1	87.5	.61	.63	3	.69	1.21	8.6	9.0	14.2	160.5	.94	158
3:12	4329.7	4326.9	4314.0	248.5	29.4	88	1100	2761	596	540	9.0	9.0	82.1	87.6	.61	.63	1	.69	1.21	8.6	9.0	14.2	160.5	1.09	158