

8/ 0/82 TIME 5:36 CAPE SORELL # 1

466514

 * DEPTH OF EXECUTION 7928.39 FEET *
 * FLOW RATE 521 GPM POWER LAW *
 *
 * MUD DATA WEIGHT 9.28 PPG *
 * ----- PV 13 CPS *
 * YP 14.80 LB/FT2 *
 * GEL 5.00 LB/100 FT2 *
 * N .6699 *
 * K .3374 LB/100 FT2 *
 *
 * HOLES VOLUMES WITH PIPES 1105.2 BBL *
 * ----- WITHOUT PIPES 1220.9 BBL *
 * ANNULAR 1013.0 BBL *
 * INSIDE PIPES 92.17 BBL *

* FROM	TO	* PIPE ID	* PIPE OD	* HOLE DIAM	* P. LOSSES	* H.P	* TYPE	* CRITICAL	* MUD FLOW	* CUTTINGS VELOCITY	
* FEET		* INCH	* INCH	* INCH	* PSI				* GPM	* FT/MN	
SURF. EGPT						46	14				
DR.STRING	.00	594.00	3.50	5.00		86	26				
DR.STRING	594.00	7104.00	3.50	5.00		744	207				
DR.STRING	7104.00	7560.90	3.00	5.00		139	42				
DR.STRING	7560.90	7658.22	2.25	6.25		118	36				
DR.STRING	7658.22	8069.60	2.81	7.75		170	52				
*BIT						667	203	FT/S		203.8	
*ANNULUS	7928.39	7517.01		7.75	12.25	4	1	LA	673.7	141.8	138.8
*ANNULUS	7517.01	7419.69		6.25	12.25	1	0	LA	718.8	115.0	112.3
*ANNULUS	7419.69	6962.79		5.00	12.25	2	1	LA	736.3	102.0	99.6
*ANNULUS	6962.79	4144.00		5.00	12.25	12	4	LA	736.3	102.0	99.6
*ANNULUS	4144.00	452.79		5.00	12.35	15	5	LA	745.6	100.1	97.6
*ANNULUS	452.79	381.00		5.00	12.35	0	0	LA	745.6	100.1	97.6
*ANNULUS	381.00	-.00		5.00	17.37	1	0	LA	1245.3	46.1	44.2
* TOTAL						2204	669				

*ANNULAR PRESSURE LOSSES 33 PSI *
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 *EQUIV. CIRCULATING DENSITY 9.36 PPG *
 * MAX DEPTH 23295.19 *

* MUD LAG TIMES S -> B 7.44 MN *
 * ----- B -> S 81.73 MN *

* CUTTINGS DATA SIZE .10 IN *
 * ----- DENSITY 20.00 PPG *
 * LAG TIME 83.90 MN *
 * MAX SLIP VELOCITY 2.96 FT/MN *

* BIT DATA SIZE 12.25 INCH *
 * ----- NOZZLES 16 16 16 /32NDS *
 * NOZZLES EFFICIENCY 95 % *
 * BIT P. LOSSES 667 PSI *
 * H.H.P RATIO 30.28 % *
 * BIT H.H.P 1.720 *
 * BIT VELOCITY 283.75 FT/S *
