

* 19/ 0/82 TIME 7: 7

CAPE SORELL # 1

466587

* DEPTH OF EXECUTION 10055.31 FEET *
* FLOW RATE 329 GPM POWER LAW *

* MUD DATA WEIGHT 9.20 PPG *
* PV 17 CPS *
* YP 11.00 LB/FT2 *
* GEL 4.00 LB/100 FT2 *
* N .7726 *
* K .1740 LB/100 FT2 *

* HOLES VOLUMES WITH PIPES 682.08 BBL *
* WITHOUT PIPES 826.04 BBL *
* ANNULAR 574.00 BBL *
* INSIDE PIPES 114.28 BBL *

* FROM TO * PIPE * PIPE * HOLE * P.LOSSES* H.P *TYPE* CRITICAL * MUD * CUTTINGS *
* * * ID OD DIAM * * FLOW * VELOCITY VELOCITY *
* * FEET * INCH INCH INCH * PSI * * GPM * FT/MN FT/MN *

SURF. CBPT													
DR. STRING	.00	2520.00	* 3.50	5.00	*	168	32	*					
DR. STRING	2520.00	9030.00	* 3.50	5.00	*	433	83	*					
DR. STRING	9030.00	9487.67	* 3.00	5.00	*	64	12	*					
DR. STRING	9487.67	10061.95	* 2.25	6.25	*	319	61	*					
*BIT	*	*	*	*	*	1014	195	* FT/S	*	351.3	*		*
*ANNULUS	* 10055.31	9481.03	*	6.25	8.50	*	16	3	* LA	353.1	*	243.0	237.7
*ANNULUS	* 9481.03	9023.36	*	5.00	8.50	*	5	1	* LA	300.6	*	170.7	167.2
*ANNULUS	* 9023.36	9002.00	*	5.00	8.50	*	0	0	* LA	300.6	*	170.7	167.2
*ANNULUS	* 9002.00	2513.36	*	5.00	8.75	*	65	13	* LA	397.7	*	156.4	153.0
*ANNULUS	* 2513.36	381.00	*	5.00	8.75	*	21	4	* LA	397.7	*	156.4	153.0
*ANNULUS	* 381.00	.00	*	5.00	17.37	*	0	0	* LA	1007.3	*	29.1	26.9
* TOTAL*	*	*	*	*	*	2120	400	*	*		*		*

* ANNULAR PRESSURE LOSSES 109 PSI *

* EQUIV. CIRCULATING DENSITY 9.41 PPG *
* MAX DEPTH 33442.71 *

* MUD LAG TIMES S -> B 14.59 MN *
* B -> S 73.38 MN *

* CUTTINGS DATA SIZE .10 IN *
* DENSITY 20.00 PPG *
* LAG TIME 75.79 MN *
* MAX SLIP VELOCITY 5.26 FT/MN *

* BIT DATA SIZE 8.50 INCH *
* NOZZLES 14 14 0 /32NDS *
* NOZZLES EFFICIENCY 75 % *
* BIT P. LOSSES 1014 PSI *
* H.H.P. RATIO 47.67 % *
* BIT H.H.P 3.431 *
* BIT VELOCITY 351.31 FT/S *
