

* 18/ 8/82 TIME 6:3

CAPE SORELL # 1

466582

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*****
* DEPTH OF EXECUTION 9887.00 FEET
* FLOW RATE 326 GPM
* MUD DATA WEIGHT 9.26 PPG
* ----- PV 13 CPS
* YP 9.00 LB/FT2
* GEL 5.00 LB/100 FT2
* N .8174
* K .1026 LB/100 FT2
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* HOLES VOLUMES WITH PIPES 679.57 BBL
* ----- WITHOUT PIPES 815.03 BBL
* ANNULAR 567.07 BBL
* INSIDE PIPES 112.50 BBL

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* * 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. EQPT * * * * * * * * * * *
* DR. STRING* .00 2370.00 * 3.50 5.00 * 140 20 * * * *
* DR. STRING* 2370.00 8880.00 * 3.50 5.00 * 406 77 * * * *
* DR. STRING* 8880.00 9337.67 * 3.00 5.00 * 60 11 * * * *
* DR. STRING* 9337.67 9911.95 * 2.25 6.25 * 298 57 * * * *
* BIT * * * * * 1002 171 * FT/S * 348.0 *
* ANNULUS * 9887.00 9312.72 * 6.25 8.50 * 10 2 * TU 252.8 * 240.7 234.7 *
* ANNULUS * 9312.72 9002.00 * 5.00 8.50 * 2 0 * TU 264.9 * 169.1 163.4 *
* ANNULUS * 9002.00 8855.05 * 5.00 8.75 * 1 0 * TU 275.5 * 154.9 149.3 *
* ANNULUS * 8855.05 2345.05 * 5.00 8.75 * 20 5 * TU 275.5 * 154.9 149.3 *
* ANNULUS * 2345.05 381.00 * 5.00 8.75 * 8 2 * TU 275.5 * 154.9 149.3 *
* ANNULUS * 381.00 .00 * 5.00 17.37 * 1 0 * LA 646.0 * 28.8 25.6 *
* TOTAL * * * * * 1983 377 * * *

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* ANNULAR PRESSURE LOSSES 50 PSI
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* EQUIV. CIRCULATING DENSITY 9.36 PPG
* MAX DEPTH 36155.91

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* MUD LAG TIMES S -> B 14.50 MN
* ----- B -> S 73.00 MN

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* CUTTINGS DATA SIZE .10 IN
* ----- DENSITY 20.00 PPG
* LAG TIME 76.95 MN
* MAX SLIP VELOCITY 5.95 FT/MN

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* BIT DATA SIZE 8.50 INCH
* ----- NOZZLES 14 14 0 /32NDS
* NOZZLES EFFICIENCY 95 %
* BIT P. LOSSES 1002 PSI
* H.H.P RATIO 50.53 %
* BIT H.H.P 3.358
* BIT VELOCITY 348.00 FT/S
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