

* 10/ 8/82 TIME 5. 9

CAPE SORELL # 1

466544

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*****
* DEPTH OF EXECUTION 9032.04 FEET
* FLOW RATE 530 GPM POWER LAW
*
* MUD DATA WEIGHT 9.25 PPG
* ----- PV 14 CPS
* YP 12.00 LB/FT2
* GCL 4.00 LB/100 FT2
* N .7105
* K .2619 LB/100 FT2
*
* HOLES VOLUMES WITH PIPES 1251.1 BBL
* ----- WITHOUT PIPES 1381.9 BBL
* ANNULAR 1147.2 BBL
* INSIDE PIPES 103.92 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* * * * * 40 15 * * *
*DR.STRING* .00 1580.00 * 3.50 5.00 * 240 74 * * *
*DR.STRING* 1580.00 8090.00 * 3.50 5.00 * 937 305 * * *
*DR.STRING* 8090.00 8547.70 * 3.00 5.00 * 145 45 * * *
*DR.STRING* 8547.70 8645.02 * 2.25 6.25 * 123 30 * * *
*DR.STRING* 8645.02 9057.44 * 2.81 7.75 * 170 55 * * *
*BIT * * * * 689 213 * FT/S * 200.9 *
*ANNULUS * 9032.04 8620.42 * 7.75 12.25 * 3 1 * LA 635.5 * 144.3 141.2 *
*ANNULUS * 8620.42 8523.10 * 6.25 12.25 * 0 0 * LA 668.8 * 117.0 114.2 *
*ANNULUS * 8523.10 8066.20 * 5.00 12.25 * 2 0 * LA 679.0 * 103.9 101.2 *
*ANNULUS * 8066.20 4144.00 * 5.00 12.25 * 14 4 * LA 679.0 * 103.9 101.2 *
*ANNULUS * 4144.00 1556.20 * 5.00 12.35 * 9 3 * LA 687.1 * 101.9 99.2 *
*ANNULUS * 1556.20 381.00 * 5.00 12.35 * 4 1 * LA 687.1 * 101.9 99.2 *
*ANNULUS * 381.00 .00 * 5.00 17.37 * 1 0 * LA 1119.7 * 46.9 44.8 *
* TOTAL * * * * 2443 755 * *
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*ANNULAR PRESSURE LOSSES 32 PSI
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*EQUIV.CIRCULATING DENSITY 9.32 PPG
* MAX DEPTH 24210.11
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* HUD LAG TIMES S -> B 8.24 MN
* ----- B -> S 90.91 MN
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* CUTTINGS DATA SIZE .10 IN
* ----- DENSITY 20.00 PPG
* LAG TIME 93.59 MN
* MAX SLIP VELOCITY 3.16 FT/MN
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* BIT DATA SIZE 12.25 INCH
* ----- NOZZLES 16 16 16 /3ENDS
* NOZZLES EFFICIENCY 95 %
* BIT P. LOSSES 689 PSI
* H.H.P RATIO 28.22 %
* BIT H.H.P 1.889
* BIT VELOCITY 200.07 FT/S
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