

* 7/7/82 TIME 5:43

CAPE SORELL # 1

406028

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*****
* DEPTH OF EXECUTION 1420.00 FEET
* FLOW RATE 1030 GPM BINGHAM
*
* MUD DATA WEIGHT 8.70 PPG
* ----- PV 3 CPS
* YP 4.00 LB/FT2
* GEL 1.00 LB/100 FT2
* N .5850
* K .1563 LB/100 FT2
*
* HOLES VOLUMES WITH PIPES 977.30 BBL
* ----- WITHOUT PIPES 1005.2 BBL
* ANNULAR 957.74 BBL
* INSIDE PIPES 19.64 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.EGPT* * * * 122 73 * * *
*DR.STRING* .00 780.00 * 4.20 5.00 * 114 68 * * *
*DR.STRING* 780.00 1236.89 * 3.00 5.00 * 367 221 * * *
*DR.STRING* 1236.89 1441.38 * 3.00 9.50 * 164 99 * * *
*BIT * * * 685 412 * FT/S * 296.9 *
*ANNULUS * 1420.00 1215.51 * 9.50 26.00 * 0 0 * LA 3234.8 * 43.1 39.0 *
*ANNULUS * 1215.51 750.62 * 5.00 26.00 * 0 0 * LA 3587.3 * 38.8 35.8 *
*ANNULUS * 750.62 693.00 * 5.00 26.00 * 0 0 * LA 3587.3 * 38.8 35.8 *
*ANNULUS * 693.00 .00 * 5.00 28.00 * 0 0 * LA 4179.6 * 33.3 30.5 *
* TOTAL * * * 1453 873 * * *
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*ANNULAR PRESSURE LOSSES 1 PSI
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*EQUIV.CIRCULATING DENSITY 8.71 PPG
* MAX DEPTH 7729.30
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* MUD LAG TIMES S -> B .00 MN
* ----- B -> S 39.05 MN
*****
* CUTTINGS DATA SIZE .10 IN
* ----- DENSITY 20.00 PPG
* LAG TIME 42.49 MN
* MAX SLIP VELOCITY 3.30 FT/MN
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* BIT DATA SIZE 26.00 INCH
* ----- NOZZLES 22 22 22 /32NDS
* NOZZLES EFFICIENCY 75 %
* BIT P. LOSSES 685 PSI
* H.H.P RATIO 47.15 %
* BIT H.H.P .776
* BIT VELOCITY 296.93 FT/S
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