

* 14/ 8/82 TIME 5:23

CAPE SORELL # 1

466548

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*****
* DEPTH OF EXECUTION 8951.62 FEET *
* FLOW RATE 351 GPM POWER LAW *
*
* MUD DATA WEIGHT 9.87 PPG *
* ----- PV 14 CPS *
* YP 12.00 LB/FT2 *
* GEL 4.00 LB/100 FT2 *
* N .7105 *
* K .2619 LB/100 FT2 *
*
* HOLES VOLUMES WITH PIPES 626.70 BBL *
* ----- WITHOUT PIPES 747.17 BBL *
* ANNULAR 524.91 BBL *
* INSIDE PIPES 101.79 BBL *
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* * FROM TO * PIPE * PIPE * HOLE * P.LOSSES* H.P *TYPE* CRITICAL * MUD * CUTTINGS *
* * * * ID OD DIAM * * * * * * * * * * * * * * * *
* * FEET * INCH INCH INCH * PSI * * * * * * * * * * *
*****
* SURF. EOPT * * * * * 23 5 * * * * *
* DR. STRING * .00 1500.00 * 3.50 5.00 * * 107 22 * * * * *
* DR. STRING * 1500.00 8010.00 * 3.50 5.00 * * 464 75 * * * * *
* DR. STRING * 8010.00 8467.67 * 3.00 5.00 * * 68 14 * * * * *
* DR. STRING * 8467.67 8969.70 * 2.25 6.25 * * 298 61 * * * * *
* BIT * * * * * 682 140 * FT/S * * 290.1 * *
* ANNULUS * 8951.62 8449.59 * * 6.25 8.75 * * 12 2 * LA 371.5 * 229.7 224.4 *
* ANNULUS * 8449.59 7991.92 * * 5.00 8.75 * * 5 1 * LA 408.5 * 167.0 163.6 *
* ANNULUS * 7991.92 1481.92 * * 5.00 8.75 * * 69 14 * LA 408.5 * 167.0 163.6 *
* ANNULUS * 1481.92 381.00 * * 5.00 8.75 * * 12 2 * LA 408.5 * 167.0 163.6 *
* ANNULUS * 381.00 .00 * * 5.00 17.37 * * 1 0 * LA 1136.2 * 31.1 29.1 *
* TOTAL * * * * * 1740 357 * * * * *
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* ANNULAR PRESSURE LOSSES 98 PSI *
*
* EQUIV. CIRCULATING DENSITY 9.28 PPG *
* MAX DEPTH 33802.40 *
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* MUD LAG TIMES S -> B 12.17 MN *
* ----- B -> S 62.73 MN *
*****
* CUTTINGS DATA SIZE .10 IN *
* ----- DENSITY 20.00 PPG *
* LAG TIME 64.62 MN *
* MAX SLIP VELOCITY 5.29 FT/MN *
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* BIT DATA SIZE 8.50 INCH *
* ----- NOZZLES 13 13 13 /32NDS *
* NOZZLES EFFICIENCY 95 % *
* BIT P. LOSSES 682 PSI *
* H.H.P RATIO 39.21 % *
* BIT H.H.P 2.465 *
* BIT VELOCITY 290.14 FT/S *
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