

* 3/ 8/82 TIME 5:39

CAPE SORELL # 1

* DEPTH OF EXECUTION 6281.00 FEET
* FLOW RATE 500 GPM POWER LAW

* MUD DATA WEIGHT 9.30 PPG
* PV 11 CPS
* YP 9.00 LB/FT2
* GEL 2.00 LB/100 FT2
* N .6881
* K .2464 LB/100 FT2

* HOLES VOLUMES WITH PIPES 916.73 BBL
* WITHOUT PIPES 900.79 BBL
* ANNULAR 813.95 BBL
* INSIDE PIPES 182.78 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

Table with columns: SURF. EQPT, DR. STRING, ANNULUS, BIT, TOTAL. Rows include data for string sections and annulus sections with values for depth, pipe size, hole size, pressure losses, and velocities.

* ANNULAR PRESSURE LOSSES 15 PSI

* EQUIV. CIRCULATING DENSITY 9.35 PPG
* MAX DEPTH 26350.83

* MUD LAG TIMES S -> B 7.44 MN
* B -> S 50.94 MN

* CUTTINGS DATA SIZE .10 IN
* DENSITY 20.00 PPG
* LAG TIME 60.68 MN
* MAX SLIP VELOCITY 3.55 FT/MN

* BIT DATA SIZE 12.25 INCH
* NOZZLES 16 16 16 /32NDS
* NOZZLES EFFICIENCY 95 %
* BIT P. LOSSES 830 PSI
* H.H.P RATIO 47.78 %
* BIT H.H.P 2.384
* BIT VELOCITY 316.12 FT/S