

\*\*\*\*\*

\* 20/ 8/02 CAPE SORELL # 1

\*\*\*\*\*

\*\*\*\*\*

\* BIT # 28 SEQ NBR: 6 \*

\*\*\*\*\*

\* STARTING DEPTH 10196.04 FEET \*

\* ----- \*

\* \*

\* BIT DATA SIZE 8.50 \*

\* ----- INSERT SMITH F2 \*

\* NOZZLES 14 14 0 @ 95 % EFFICIENCY \*

\*\*\*\*\*

\* DRILL STRING\* TYPE \* NDR \* LENGTH \* ID OD \* NOMINAL LINEAR \*

\* SECTION \* \* \* FEET \* INCHES \* WEIGHT (LB/F) \*

\*\*\*\*\*

\* 1 \* DRILL PIPE \* 80 \* 30.00 \* 3.50 5.00 \* 23.24 \*

\* 2 \* DRILL PIPE \* 217 \* 30.00 \* 3.50 5.00 \* 20.97 \*

\* 3 \* HEAVY WGT DP \* 1 \* 457.67 \* 3.00 5.00 \* 49.30 \*

\* 4 \* DRILL COLLAR \* 1 \* 574.20 \* 2.25 6.25 \* 90.50 \*

\*\*\*\*\*

\* HOLE \* ID \* DEPTH ( FEET ) \*

\* \* INCHES \* TOP BOTTOM \*

\*\*\*\*\*

\* RISER \* 17.37 \* .00 301.00 \*

\* CASING \* 8.75 \* 381.00 9002.00 \*

\* OPEN HOLE 1 \* 8.50 \* 9002.00 10196.01 \*

\*\*\*\*\*

\* COST DATA BIT COST 4387 \$ RIG COST 3646 \$/HR \*

\* ----- TRIP TIME 8.00 HRS \*

\* \*

\* WEIGHTS HOOK LOAD OFF BOTTOM 329.3 KLBS \*

\* ----- STRING WEIGHT IN AIR 272.5 KLBS \*

\* \*

\* VOLUMES ANNULUS 501.5BDL IN PIPES 115.9BDL \*

\* ----- \*

\* \*

\* DEVIATION .5 DEG .003FT / 100FT \*

\* ----- \*

\* \*

\* HYDRAULICS NOMINAL ANNULUS PRESSURE LOSSES AT 10 BDL/HN : 177 PSI \*

\* ----- \*

\* \*

\* BIT WEAR TYPE EXPONENT .3 \*

\* ----- EXPECTED: RUN LENGTH 200 FEET TEETH WEAR 4 /0TH \*

\*\*\*\*\*

466595