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\* 21/ 8/02 CAPE SORELL # 1

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\* BIT # 29 SEQ NBR: 6 \*

\*\*\*\*\*

\* STARTING DEPTH 10367.43 FEET

\* ----- \*

\* \* \* \* \*

\* BIT DATA SIZE 8.50 \*

\* ----- INSERT SMITH F3 \*

\* NOZZLES 13 13 13 @ 95 % EFFICIENCY \*

\*\*\*\*\*

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

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

\*\*\*\*\*

\* 1 \* DRILL PIPE \* 93 \* 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 \* 301.00 9002.00 \*

\* OPEN HOLE 1 \* 8.50 \* 9002.00 10367.43 \*

\*\*\*\*\*

\* COST DATA BIT COST 4451 \$ RIG COST 3646 \$/HR \*

\* ----- TRIP TIME 0.00 HRS \*

\* \* \* \* \*

\* WEIGHTS HOOK LOAD OFF BOTTOM 331.0 KLBS \*

\* ----- STRING WEIGHT IN AIR 276.0 KLBS \*

\* \* \* \* \*

\* VOLUMES ANNULUS 509.4DBL IN PIPES 117.9DBL \*

\* ----- \*

\* \* \* \* \*

\* DEVIATION .5 DEG .883FT / 100FT \*

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\* \* \* \* \*

\* HYDRAULICS NOMINAL ANNULUS PRESSURE LOSSES AT 10 DBL/MN : 177 PSI \*

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\* \* \* \* \*

\* BIT WEAR TYPE EXPONENT .3 \*

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

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466003