

\* 28/ 7/82

CAPE SORELL # 1

466430

\* BIT # 16 SEQ NBR: 6 \*

\* STARTING DEPTH 5014.78 FEET

\* BIT DATA SIZE 12.25

\* TOOTH SMITH SDGH

\* NOZZLES 16 16 16 @ 95 % EFFICIENCY

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

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

\* 1 \* DRILL PIPE \* 136 \* 29.97 \* 4.20 5.00 \* 19.50 \*

\* 2 \* HEAVY WGT DP \* 15 \* 30.46 \* 3.00 5.00 \* 49.30 \*

\* 3 \* DRILL COLLAR \* 3 \* 31.75 \* 2.25 6.25 \* 139.10 \*

\* 4 \* DRILL COLLAR \* 12 \* 32.50 \* 2.01 7.75 \* 139.16 \*

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

\* \* INCHES \* TOP BOTTOM

\* RISER \* 17.37 \* .00 301.00

\* CASING \* 12.35 \* 381.00 4144.00

\* OPEN HOLE 1 \* 12.25 \* 4144.00 5013.50

\* COST DATA BIT COST 2478 \$ RIG COST 3646 \$/HR

\* TRIP TIME 5.00 HRS

\* WEIGHTS HOOK LOAD OFF BOTTOM 241.7 KLBS

\* STRING WEIGHT IN AIR 169.5 KLBS

\* VOLUMES ANNULUS 660.1BBL IN PIPES 79.8BBL

\* DEVIATION .7 DEG 1.31FT / 100FT

\* HYDRAULICS NOMINAL ANNULUS PRESSURE LOSSES AT 10 BDL/MN : 11 PSI

\* BIT WEAR TYPE EXPONENT .6

\* EXPECTED: RUN LENGTH 500 FEET TEETH WEAR 4 /8TH