466512

```
*  8/ 8/82                                          CAPE SORELL # 1
*****************************************************************************

*****************************************************************************
*  BIT # 20       SEG NBR:    6      *
*****************************************************************************
* STARTING DEPTH   7893.00  FEET                                            *
* --------------                                                            *
*                                                                           *
* BIT DATA    SIZE     12.25                                                *
* --------    INSERT  SMITH F2                                              *
*             NOZZLES  16 16 16   @  95 % EFFICIENCY                        *
*****************************************************************************
*DRILL STRING*     TYPE      * NBR * LENGTH  *   ID     OD   * NOMINAL LINEAR *
*  SECTION   *               *     *  FEET   *   INCHES      * WEIGHT (LB/F)  *
*****************************************************************************
*     1      * DRILL PIPE    *   3 *  297.00 *  3.50    5.00 *     23.24      *
*     2      * DRILL PIPE    * 217 *   30.00 *  3.50    5.00 *     20.99      *
*     3      * HEAVY WGT DP  *  15 *   30.46 *  3.00    5.00 *     49.30      *
*     4      * DRILL COLLAR  *   1 *   97.32 *  2.25    6.25 *    139.10      *
*     5      * DRILL COLLAR  *   1 *  411.30 *  2.81    7.75 *    139.16      *
*****************************************************************************
*     HOLE       *   ID   *     DEPTH ( FEET )                               *
*                * INCHES *    TOP       BOTTOM                              *
*****************************************************************************
*  RISER         *  17.37 *       .00    381.00                              *
*  CASING        *  12.35 *    381.00   4144.00                              *
*  OPEN HOLE   1 *  12.25 *   4144.00   7895.49                              *
*****************************************************************************
* COST DATA    BIT COST   8557 $       RIG COST    3646 $/HR                *
* ---------    TRIP TIME   6.00 HRS                                          *
*                                                                           *
* WEIGHTS      HOOK LOAD OFF BOTTOM  311.5   KLBS                            *
* -------      STRING WEIGHT IN AIR  250.7   KLBS                            *
*                                                                           *
* VOLUMES      ANNULUS  1089.2BBL     IN PIPES    90.1BBL                    *
* -------                                                                   *
*                                                                           *
* DEVIATION      .5 DEG    .873FT / 100FT                                   *
* ---------                                                                 *
*                                                                           *
* HYDRAULICS   NOMINAL ANNULUS PRESSURE LOSSES AT 10 BBL/MN :    19 PSI      *
* ----------                                                                *
*                                                                           *
* BIT WEAR     TYPE EXPONENT  .3                                            *
* --------     EXPECTED:   RUN LENGTH  1000  FEET   TEETH WEAR   4 /8TH     *
*****************************************************************************
```