

\* 18/ 8/82

CAPE SORELL # 1

\* BIT # 26 SEQ NBR: 6 \*  
\* STARTING DEPTH 9887.00 FEET \*

\* BIT DATA SIZE 8.50 \*  
\* INSERT SMITH F3 \*  
\* NOZZLES 14 14 14 @ 95 % EFFICIENCY \*

466581

* DRILL STRING* * SECTION *	TYPE *	NDR *	LENGTH * * FEET *	ID * * INCHES *	OD * * INCHES *	NOMINAL LINEAR * * WEIGHT (LB/F) *
* 1	* DRILL PIPE	* 78	* 30.00	* 3.50	* 5.00	* 23.24
* 2	* DRILL PIPE	* 217	* 30.00	* 3.50	* 5.00	* 20.99
* 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 * * INCHES *	DEPTH ( FEET ) * TOP * * BOTTOM *
* RISER	* 17.37 *	* .00 * * 301.00 *
* CASING	* 8.75 *	* 381.00 * * 9002.00 *
* OPEN HOLE 1	* 8.50 *	* 9002.00 * * 9887.00 *

\* COST DATA BIT COST 4451 \$ RIG COST 3646 \$/HR  
\* TRIP TIME 8.00 HRS \*

\* WEIGHTS HOOK LOAD OFF BOTTOM 324.5 KLBS  
\* STRING WEIGHT IN AIR 265.6 KLBS \*

\* VOLUMES ANNULUS 567.300L IN PIPES 112.200L \*

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

\* HYDRAULICS NOMINAL ANNULUS PRESSURE LOSSES AT 10 BDL/MN : 60 PSI \*

\* BIT WEAR TYPE EXPONENT .3  
\* EXPECTED: RUN LENGTH 750 FEET TEETH WEAR 4 /8TH \*