

\* 31/ 7/82 CAPE SORELL # 1

466439

\* BIT # 17 SEQ NBR: 6 \*

\* STARTING DEPTH 5332.12 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	140	29.97	4.20	5.00	19.50
2	HEAVY WGT DP	15	30.46	3.00	5.00	49.30
3	DRILL COLLAR	1	97.32	2.25	6.25	139.10
4	DRILL COLLAR	1	301.00	2.81	7.75	139.16

HOLE	ID	DEPTH ( FEET )	
	INCHES	TOP	BOTTOM
RIGER	17.37	.00	301.00
CASING	12.35	301.00	4144.00
OPEN HOLE 1	12.25	4144.00	5332.12

\* COST DATA BIT COST 2470 \$ RIG COST 3646 \$/HR  
TRIP TIME 5.00 HRS

\* WEIGHTS HOOK LOAD OFF BOTTOM 247.0 KLBS  
STRING WEIGHT IN AIR 175.6 KLBS

\* VOLUMES ANNULUS 699.0BBL IN PIPES 85.5BBL

\* DEVIATION .7 DEG 1.31FT / 100FT

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

\* BIT WEAR TYPE EXPONENT .6  
EXPECTED: RUN LENGTH 500 FEET TEETH WEAR 4 /8TH