```
*******************************************************************************
*  22/ 8/82    TIME  5:34                              CAPE SORELL # 1
*******************************************************************************


*******************************************************************************
* DEPTH OF EXECUTION 10449.63  FEET                                            *
* FLOW RATE        329   GPM                              POWER LAW            *
*                                                                              *
* MUD DATA         WEIGHT        9.46 PPG                                      *
* --------         PV            17   CPS                                      *
*                  YP            12.00 LB/FT2                                   *
*                  GEL           3.00 LB/100 FT2                               *
*                  N             .7258                                         *
*                  K             .2013 LB/100 FT2                             *
*                                                                              *
* HOLES VOLUMES    WITH   PIPES   711.82 BBL                                   *
* ------------     WITHOUT PIPES  854.51 BBL                                   *
*                  ANNULAR        592.90 BBL                                   *
*                  INSIDE PIPES   118.92 BBL                                   *
*******************************************************************************
```

	FROM	TO	PIPE ID INCH	PIPE OD INCH	HOLE DIAM INCH	P.LOSSES PSI	H.P	TYPE	CRITICAL FLOW GPM	MUD VELOCITY FT/MN	CUTTINGS VELOCITY FT/MN
		FEET									
SURF.EQPT						22	4				
DR.STRING	.00	2910.00	3.50	5.00		198	38				
DR.STRING	2910.00	9420.00	3.50	5.00		444	85				
DR.STRING	9420.00	9877.67	3.00	5.00		65	13				
DR.STRING	9877.67	10451.95	2.25	6.25		327	63				
BIT						1407	270	FT/S		408.0	
ANNULUS	10449.63	9875.35		6.25	8.50	17	3	LA	300.3	243.3	239.8
ANNULUS	9875.35	9417.68		5.00	8.50	6	1	LA	420.9	178.9	167.8
ANNULUS	9417.68	9002.00		5.00	8.50	5	1	LA	420.9	178.9	167.8
ANNULUS	9002.00	2907.68		5.00	8.75	63	12	LA	441.6	156.6	153.6
ANNULUS	2907.68	381.00		5.00	8.75	26	5	LA	441.6	156.6	153.6
ANNULUS	381.00	.00		5.00	17.37	0	0	LA	1201.4	29.2	27.4
TOTAL						2581	476				

```
*******************************************************************************
* ANNULAR PRESSURE LOSSES          118 PSI                                     *
*                                                                              *
* EQUIV.CIRCULATING DENSITY         9.68 PPG                                   *
*            MAX DEPTH             29943.12                                    *
*******************************************************************************
* MUD LAG TIMES     S -> B         15.16 MN                                    *
* ------------      B -> S         75.58 MN                                    *
*******************************************************************************
* CUTTINGS DATA     SIZE           .10 IN                                      *
* ------------      DENSITY        20.00 PPG                                   *
*                   LAG TIME       77.62 MN                                    *
*                   MAX SLIP VELOCITY  3.54 FT/MN                              *
*******************************************************************************
* BIT DATA          SIZE           8.50 INCH                                   *
* --------          NOZZLES        13 13  0 /32NDS                             *
*                   NOZZLES EFFICIENCY 95  %                                   *
*                   BIT P. LOSSES  1407 PSI                                    *
*                   H.H.P RATIO    54.51 %                                     *
*                   BIT H.H.P      4.765                                       *
*                   BIT VELOCITY   408.00 FT/S                                 *
*******************************************************************************
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