

\* GEOSERVICES  
 \* ON-LINE TDC

CAPE SORRELL # 1

DATE : 21/ 8/82 \*

\* BIT # 20 SMITH F2 BIT DIAMETER : 8.50 inch NOZZ 14/14/ 0

MUD RHEOLOGICAL PARAMETERS : PV = 16 YP = 11 GEL = 3 \*

|          |           | DEPTHS  |         |        | DRILLING PARAMETERS |     |      |       |      | MUD PARAMETERS |         |             |             | GAS  |      |      | OVERPRESSURE SURVEY |        |      | ACCUMULATED ON BIT |      |      |         |      |     |
|----------|-----------|---------|---------|--------|---------------------|-----|------|-------|------|----------------|---------|-------------|-------------|------|------|------|---------------------|--------|------|--------------------|------|------|---------|------|-----|
| TIME     | MEASURED  | VERTCL  | LAGGED  | ROP    | WOB                 | RPM | TORG | PRESS | FLOW | PIT            | DENSITY | TEMPERATURE | RESISTIVITY | DCS  | NORM | PF   | ECD                 | FRAC   | FEET | TIME               | COST |      |         |      |     |
| Hr:mn    | feet      | feet    | feet    | ft/h   | kibs                | rpm | ftlb | psi   | gpm  | bbls           | ppg     | degF        | ohm         | unit | ppg  | ppg  | ppg                 | feet   | DHr  | †                  |      |      |         |      |     |
| D * 4:31 | * 10295.1 | 10287.0 | 10273.0 | * 12.5 | * 38.0              | 61  | 3200 | 1632  | 307  | * 599          | * 9.5   | 9.4         | 83.1        | 98.2 | 1.28 | 1.28 | * 7                 | * 1.66 | 2.13 | * 9.7              | 9.7  | 16.9 | * 99.1  | 6.57 | 580 |
| D * 4:34 | * 10296.1 | 10288.0 | 10275.0 | * 19.4 | * 40.6              | 61  | 3100 | 1632  | 303  | * 593          | * 9.5   | 9.5         | 83.1        | 98.7 | 1.28 | 1.28 | * 7                 | * 1.52 | 2.13 | * 9.7              | 9.7  | 16.9 | * 100.1 | 6.64 | 576 |
| D * 4:39 | * 10297.1 | 10288.0 | 10278.0 | * 19.4 | * 38.2              | 61  | 3100 | 1628  | 305  | * 589          | * 9.5   | 9.4         | 83.1        | 97.9 | 1.28 | 1.28 | * 7                 | * 1.52 | 2.13 | * 9.7              | 9.7  | 16.9 | * 100.1 | 6.71 | 576 |
| D * 4:43 | * 10298.1 | 10289.1 | 10279.0 | * 11.2 | * 34.5              | 61  | 3100 | 1628  | 307  | * 587          | * 9.5   | 9.5         | 83.2        | 99.1 | 1.28 | 1.27 | * 7                 | * 1.68 | 2.13 | * 9.7              | 9.7  | 16.9 | * 101.1 | 6.77 | 574 |
| D * 4:49 | * 10299.1 | 10291.1 | 10282.0 | * 11.2 | * 36.4              | 63  | 3100 | 1628  | 307  | * 583          | * 9.5   | 9.4         | 83.2        | 99.4 | 1.28 | 1.28 | * 7                 | * 1.68 | 2.13 | * 9.7              | 9.7  | 16.9 | * 103.1 | 6.86 | 568 |
| D * 4:55 | * 10300.1 | 10292.0 | 10284.0 | * 8.7  | * 37.8              | 61  | 3100 | 1628  | 307  | * 583          | * 9.5   | 9.4         | 83.3        | 98.8 | 1.28 | 1.29 | * 7                 | * 1.75 | 2.13 | * 9.7              | 9.7  | 16.9 | * 104.0 | 6.97 | 567 |
| D * 5: 1 | * 10301.2 | 10293.2 | 10284.0 | * 12.9 | * 36.3              | 61  | 3100 | 1628  | 307  | * 583          | * 9.5   | 9.4         | 83.4        | 99.1 | 1.28 | 1.28 | * 7                 | * 1.62 | 2.13 | * 9.7              | 9.7  | 16.9 | * 105.2 | 7.06 | 564 |
| D * 5: 5 | * 10302.0 | 10294.0 | 10285.0 | * 10.2 | * 40.3              | 61  | 3100 | 1135  | 303  | * 583          | * 9.5   | 9.4         | 83.5        | 99.4 | 1.28 | 1.27 | * 7                 | * 1.70 | 2.13 | * 9.7              | 9.7  | 16.9 | * 106.0 | 7.14 | 562 |
| D * 5:19 | * 10303.2 | 10295.1 | 10287.0 | * 7.2  | * 38.7              | 57  | 2800 | 1675  | 312  | * 591          | * 9.5   | 9.4         | 83.4        | 98.7 | 1.28 | 1.28 | * 7                 | * 1.71 | 2.13 | * 9.7              | 9.7  | 16.9 | * 107.2 | 7.29 | 561 |
| D * 5:23 | * 10304.0 | 10295.1 | 10288.0 | * 7.2  | * 37.6              | 57  | 2900 | 1670  | 311  | * 603          | * 9.5   | 9.5         | 83.4        | 99.2 | 1.29 | 1.29 | * 7                 | * 1.71 | 2.13 | * 9.7              | 9.7  | 16.9 | * 107.2 | 7.35 | 561 |
| D * 5:29 | * 10305.0 | 10297.0 | 10290.0 | * 11.1 | * 36.0              | 57  | 2900 | 1693  | 312  | * 603          | * 9.5   | 9.4         | 83.6        | 99.6 | 1.28 | 1.29 | * 7                 | * 1.66 | 2.13 | * 9.7              | 9.7  | 16.9 | * 109.0 | 7.44 | 557 |

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