Schlumberger

DIL-LSS-CAL-GR-SP 1:500 SUITE#1 RUN#1

CSU Field Log

5 cm

ENCLOSURE 10

OR_0284

272039

```
COMPANY:     BRIDGE OIL LTD                                   OTHER SERVICES-

WELL:        CHAT #1

FIELD:       WILDCAT
RIG    :     MARGIE
STATE:       TASMANIA
NATION:      AUSTRALIA
LOCATION:    BASS STRAIT E.P. T/15P


LATITUDE:    040 10 53.2 S
LONGITUDE:   146 41 54.9 E                                    PROGRAM
                                                              TAPE NO:
PERMANENT DATUM:        MSL          ELEVATIONS-                28.4
ELEV. OF PERM. DATUM:     0.0 M        KB:    22.3 M          SERVICE
LOG MEASURED FROM:      KB             DF:    21.9 M          ORDER NO:
     22.3 M    ABOVE PERM. DATUM       GL:    82.3 M            MGE86-01
DRLG. MEASURED FROM:    KB


DATE:          18 JAN 86
RUN NO:        1

DEPTH-DRILLER:         934.0 M
DEPTH-LOGGER:          930.0 M
BTM. LOG INTERVAL:     928.5 M
TOP LOG INTERVAL:      256.0 M

CASING-DRILLER:        256.0 M
CASING-LOGGER:         256.0 M
CASING:              20 "
   WEIGHT:           94.0000 LB/F
BIT SIZE:            26 "           17 1/2 "
  DEPTH:               256.0 M        934.0 M
```

```
TYPE FLUID IN HOLE:   BENTONITE/SEA WATER
DENSITY:               9.40 LB/G
VISCOSITY:            50.0 S
PH:                    9.0
FLUID LOSS:           25.0 C3
SOURCE OF SAMPLE:     MUDPIT
RM:                     .363 OHMM AT 23.9 DEGC
RMF:                    .280 OHMM AT 21.1 DEGC
RMC:                    .494 OHMM AT 21.1 DEGC
SOURCE RMF/RMC:       PRESS/PRESS
RM AT BHT:              .246 OHMM AT 45.6 DEGC
RMF AT BHT:             .178 OHMM AT 45.6 DEGC
RMC AT BHT:             .314 OHMM AT 45.6 DEGC

TIME CIRC. STOPPED:   11:30 (18/1)
TIME LOGGER ON BTM.:  16:40 (18/1)

MAX. REC. TEMP:        45.6 DEGC

LOGGING UNIT NO:       390
LOGGING UNIT LOC:     VEA
RECORDED BY:          I CHANDRA / A BONNEMOY
WITNESSED BY:         B. C. FURR
```

REMARKS:

TOOL STRING RUN ECCENTRALIZED.
1 1/2 " STAND OFF USED ON DITD.
TEMPERATURE READINGS 112 DEGF AND 114 DEGF.
TOOL AT BOTTOM 5 HOURS AFTER CIRCULATION .

EQUIPMENT NUMBERS-

```
SGC-JC 3374     SLC-KB 1908     SLS-SC 203      SLM-DA 835
DIC-DA 1435     DIS-EC 1471     IEM-BE 1759     NSM-A 2794
SRE-CB 1715     DRS-C 3714
```

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```
   CP 28.4             FILE  101       18-JAN-86 18:14
                       DATA ACQUIRED        NA
```

```
  SONI SUMM :
SONI  STAT PUNI TUNI VALU

LMOD                 DT
ITTS                 DT
SPS                  DT
EDAC       M    M    60.9600 M
EDTH                 .600000
DTLI  ALLO           *
SPA        F    F    8
DTT   ALLO           *
TOD   DISA           *
TC                   1
SS                   FAST
WFS        F    F    10 F
WFD                  NEIT
VDLD                 NEIT
WFM                  1
CBL                  2
AMPL                 2
CBLG       US   US   35 US
ASGL       US   US   100 US
FD    DISA           *
SGW        US   US   80 US
FMSG       US   US   260 US
NMSG       US   US   180 US
AMSG       US   US   150 US
SGAD  ALLO           *
NC    ALLO           *
DETE                 E2
MGAI                 16.0000
GAIN                 2.00000
AGC   ALLO           *
DG4W                 /20
DG3W                 /20
DG2W                 /20
DG1W                 /20
DG                   AUTO
RATE       HZ   HZ   15 HZ
TOA   DISA           *
RPS                  LONG
MODE                 DDBH
```

```
   CP 28.4             FILE     5       18-JAN-86 17:52
```

AFTER SURVEY TOOL CHECK SUMMARY

```
  PERFORMED:     18-JAN-86 17:52
  PROGRAM FILE: MEGDDB (VERSION    28.4    85/11/11)

DITD                      TOOL   CHECK

                   ZERO                     PLUS
           BEFORE       AFTER        BEFORE      AFTER      UNITS
   ILD       0.0          -.0         495.3      494.3      MMHO
   ILM       0.0           .1         496.1      493.6      MMHO
   SFL       0.0          -.0         500.0      498.6      MMHO

ILD SONDE ERROR CORRECTION :       7.0 MMHO
ILM SONDE ERROR CORRECTION :       6.9 MMHO

   CP 28.4             FILE     5       18-JAN-86 17:51
```

EVENT MARK SUMMARY:

```
OUTPUT   INTERVAL        DEPTH TRACK
         BETWEEN PIPS    EDGE

IHV      .100000 M3      LEFT EDGE
ITT      .00100000 S     RIGHT EDGE
```

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

```
   CP 28.4             FILE     3       18-JAN-86 17:47
```

```
   CP 28.4             FILE     3       18-JAN-86 16:51
```

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

SENSOR MEASURE POINT TO TOOL ZERO

```
         SRAT 13.74 METER             AMPL 12.22 METER
         TT1  12.52 METER             CBL  12.22 METER
         TT3  12.22 METER             TT2  12.22 METER
         T0   12.22 METER             TT4  11.91 METER
         SLTT 12.22 METER             TT   12.22 METER
         GR   18.82 METER             SCBL 12.22 METER
         ILD   2.87 METER             CALI 19.99 METER
         SFL   1.96 METER             ILM   1.75 METER
         SPAR   .76 METER             SP     .76 METER
         I1   19.96 METER             TENS   .76 METER
         NOIS   .76 METER             CMSF 19.89 METER
```

PARAMETERS

```
     NAME  VALUE        UNIT               NAME  VALUE       UNIT

     CDTS  100.000                         SPFS  R-H
     DTF   189.000      US/F               DTM   56.0000     US/F
     SPS   DT                              ITTS  DT
     DSIN  5            US                 DDEL  200         US
     WMUD  9.20000      LB/G               DWCO  512
     DSEC  7.00000      MMHO               SPT   STAN
     MSEC  6.90000      MMHO               SBR   1.00000     OHMM
     BS    17.5000      IN                 BHS   OPEN
```

EVENT MARK SUMMARY:

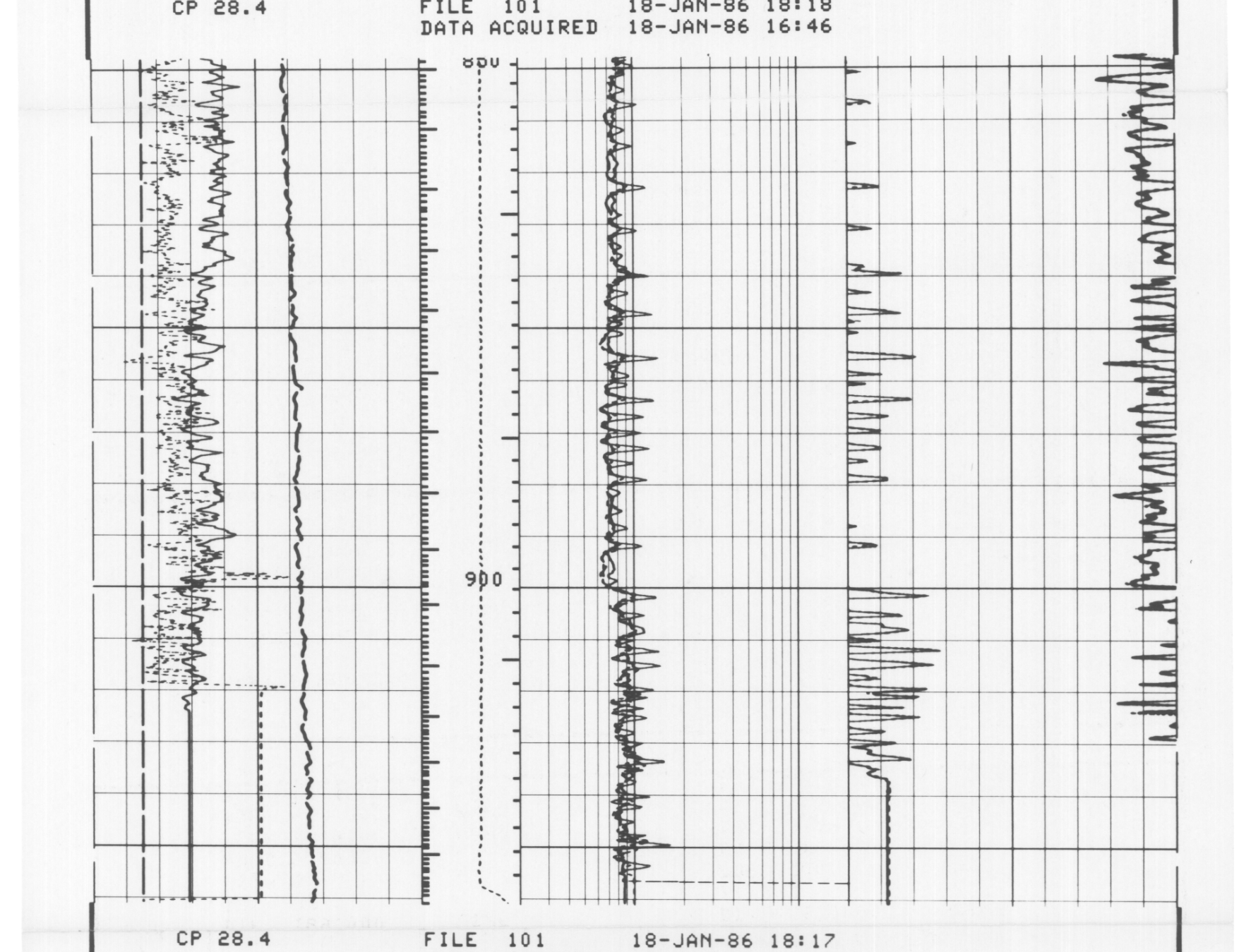
```
OUTPUT   INTERVAL        DEPTH TRACK
         BETWEEN PIPS    EDGE

IHV      .100000 M3      LEFT EDGE
ITT      .00100000 S     RIGHT EDGE
```

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

←REPEAT SECTION→

```
   CP 28.4             FILE  101       18-JAN-86 18:18
                       DATA ACQUIRED   18-JAN-86 16:46
```



```
   CP 28.4             FILE  101       18-JAN-86 18:17
                       DATA ACQUIRED   18-JAN-86 16:38
```

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

SENSOR MEASURE POINT TO TOOL ZERO

```
         SRAT 13.74 METER             AMPL 12.22 METER
         TT1  12.52 METER             CBL  12.22 METER
         TT3  12.22 METER             TT2  12.22 METER
         T0   12.22 METER             TT4  11.91 METER
         SLTT 12.22 METER             TT   12.22 METER
         GR   18.82 METER             SCBL 12.22 METER
         ILD   2.87 METER             CALI 19.99 METER
         SFL   1.96 METER             ILM   1.75 METER
         SPAR   .76 METER             SP     .76 METER
         I1   19.96 METER             TENS   .76 METER
         NOIS   .76 METER             CMSF 19.89 METER
```

PARAMETERS

```
     NAME  VALUE        UNIT               NAME  VALUE       UNIT

     CDTS  100.000                         SPFS  R-H
     DTF   189.000      US/F               DTM   56.0000     US/F
     SPS   DT                              ITTS  DT
     DSIN  5            US                 DDEL  200         US
     WMUD  9.20000      LB/G               DWCO  512
     DSEC  7.00000      MMHO               SPT   STAN
     MSEC  6.90000      MMHO               SBR   1.00000     OHMM
     BS    17.5000      IN                 BHS   OPEN
```

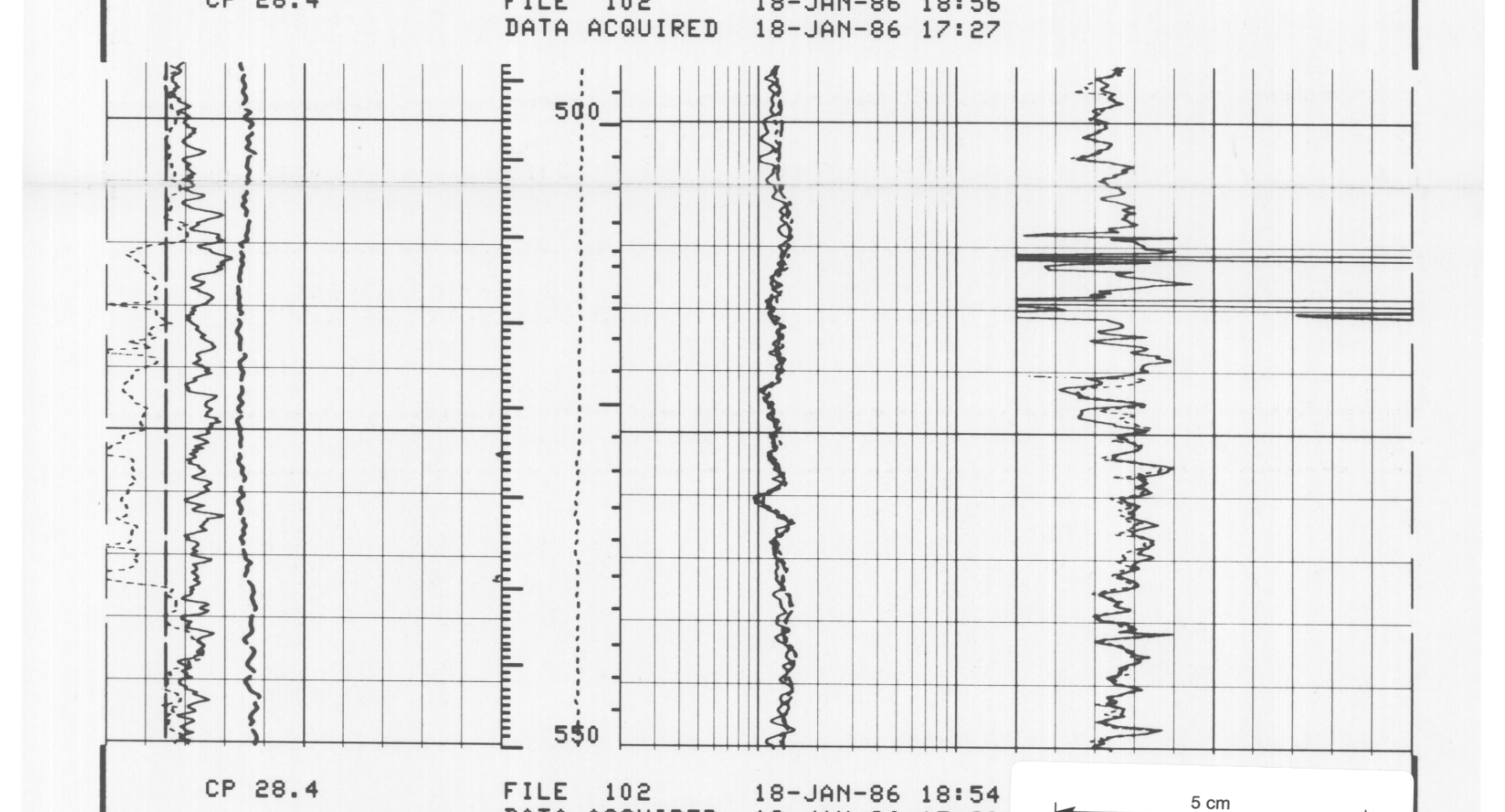
EVENT MARK SUMMARY:

```
OUTPUT   INTERVAL        DEPTH TRACK
         BETWEEN PIPS    EDGE

IHV      .100000 M3      LEFT EDGE
ITT      .00100000 S     RIGHT EDGE
```

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

```
   CP 28.4             FILE  102       18-JAN-86 18:56
                       DATA ACQUIRED   18-JAN-86 17:27
```



```
   CP 28.4             FILE  102       18-JAN-86 18:54
                       DATA ACQUIRED   18-JAN-86 17:20
```

5 cm

| | | |
|---|---|---|
| BS (IN )<br>16.000 26.000<br>CALI(IN )<br>16.000 26.000<br>GR (GAPI)<br>0.0 150.00<br>SP (MV )<br>-80.00 20.000 | ILD (OHMM)<br>.20000 20.000<br>ILM (OHMM)<br>.20000 20.000<br>SFLU(OHMM)<br>.20000 20.000 | DT (US/F)<br>140.00 40.000<br>DTL (US/F)<br>140.00 40.000 |

SENSOR MEASURE POINT TO TOOL ZERO

```
         SRAT 13.74 METER             AMPL 12.22 METER
         TT1  12.52 METER             CBL  12.22 METER
         TT3  12.22 METER             TT2  12.22 METER
         T0   12.22 METER             TT4  11.91 METER
         SLTT 12.22 METER             TT   12.22 METER
         GR   18.82 METER             SCBL 12.22 METER
         ILD   2.87 METER             CALI 19.99 METER
         SFL   1.96 METER             ILM   1.75 METER
         SPAR   .76 METER             SP     .76 METER
         I1   19.96 METER             TENS   .76 METER
         NOIS   .76 METER             CMSF 19.89 METER
```

PARAMETERS

```
     NAME  VALUE        UNIT               NAME  VALUE       UNIT

     CDTS  100.000                         SPFS  R-H
     DTF   189.000      US/F               DTM   56.0000     US/F
     SPS   DT                              ITTS  DT
     DSIN  5            US                 DDEL  200         US
     WMUD  9.20000      LB/G               DWCO  512
     DSEC  7.00000      MMHO               SPT   STAN
     MSEC  6.90000      MMHO               SBR   1.00000     OHMM
     BS    17.5000      IN                 BHS   OPEN
     PP    RECO                            DO    0.0         M
```

REMARKS:

LOG RECOMPUTED USING SINGLE TRANSMITTER TO REMOVE CYCLE SKIP
DTL NOT PRESENTED FROM 520 TO 505

BEFORE SURVEY CALIBRATION SUMMARY

```
  PERFORMED:     18-JAN-86 16:08
  PROGRAM FILE: MEGDDB (VERSION    28.4    85/11/11)


DITD                  ELECTRONICS CALIBRATION SUMMARY

              MEASURED                     CALIBRATED
            ZERO     PLUS               ZERO       PLUS         UNITS
   ILD       .20     527.0              0.0        495.3         MMHO
   ILM      -.02     503.1              0.0        496.1         MMHO
   SFL     -2.78     529.5              0.0        500.0         MMHO

ILD SONDE ERROR CORRECTION :       7.0 MMHO
ILM SONDE ERROR CORRECTION :       6.9 MMHO

SGTE                  DETECTOR CALIBRATION SUMMARY

             MEASURED
           BKGD     JIG          CALIBRATED          UNITS
   GR        6      153             165               GAPI

SRTB                  CALIPER CALIBRATION SUMMARY

             MEASURED                      CALIBRATED
           SMALL    LARGE               SMALL      LARGE        UNITS
  CALI     3.12      5.6                8.00       12.0          IN

   CP 28.4             FILE     1       18-JAN-86 16:08
```

SHOP SUMMARY

```
  PERFORMED:     15-JAN-86 09:11
  PROGRAM FILE: SHOP   (VERSION    28.4    85/11/11)

DITD                  ELECTRONICS CALIBRATION SUMMARY

                  TEST LOOP CALIBRATION              TOOL CHECK
              MEASURED         CALIBRATED            CALIBRATED
            ZERO     PLUS    ZERO       PLUS       ZERO      PLUS    UNITS
   ILD      -6.0     523.8    0.0       500.0      0.0       495.5   MMHO
   ILM       -.9     507.6    0.0       500.0      0.0       496.2   MMHO
ILD  SONDE ERROR CORRECTION :        7.0 MMHO
ILM  SONDE ERROR CORRECTION :        6.9 MMHO

                     (IS:1471, IC:1435)
```

TOOL SKETCH

```
                  SENSOR                  SENSOR TO TOOL ZERO


SRTB    XXX:----CALI                            19.86 M.

        XXX :---MSFL                            19.76 M.


SGTE    XXX-----GR                              18.69 M.



SLTN    XXX-----DT                              13.56 M.





DITD    XXX-----ILD                             2.87 M.
        XXX-----SFL                             1.95 M.
        XXX-----ILM                             1.75 M.
        XXX-----SP                              .76 M.
        OOO-----TOOL ZERO

            TOOL LENGTH = 24.11 M.
```

Schlumberger

DIL-LSS-CAL-GR-SP 1:500 SUITE#1 RUN#1

CSU Field Log