OR_349B

Schlumberger

DIL-BHC-MSFL-GR 1:600 2114-866M

CSU Field Log

ENCLOSURE 12b

380085

```
COMPANY:    HEMATITE PETROLEUM PTY. LTD.

WELL:       PIPIPA 1

FIELD:      WILDCAT
SUITE :     SUITE 2 RUN 2
STATE:      TASMANIA
NATION:     AUSTRALA
LOCATION:   BASS BASIN

   SEC:               TWP:              RGE:
LATITUDE:   40 23 11.26S
LONGITUDE:  145 41 44.96E

PERMANENT DATUM:        MSL          ELEVATIONS-
ELEV. OF PERM. DATUM:                  KB:   21.0 M
LOG MEASURED FROM:      DF             DF:   20.7 M
     20.7 M    ABOVE PERM. DATUM       GL:  -73.0 M
DRLG. MEASURED FROM:    DF

DATE:                 17 MAY  1982
RUN NO:               2
```

```
OTHER SERVICES-
  LDT-CNL-GR
  HDT
  CST
  CIS-S

PROGRAM
TAPE NO:
  20.1A
```

```
DEPTH-DRILLER:        2115.0 M
DEPTH-LOGGER:         2115.0 M
BTM. LOG INTERVAL:    2114.0 M
TOP LOG INTERVAL:      866.0 M

CASING-DRILLER:        213 M        866 M
CASING-LOGGER:         213 M        866 M
CASING:               20           13 3/8
   WEIGHT:            94.00 LB/F   45.00 LB/F
BIT SIZE:             17 1/2       12 1/4
   DEPTH:              880 M       2115 M
```

```
TYPE FLUID IN HOLE:   SEAWATER POLYMER
DENSITY:              10.0 LB/G
VISCOSITY:            47.0 S
PH:                   10.6
FLUID LOSS:            6.8 C3
SOURCE OF SAMPLE:     FLOWLINE
RM:                    0.302 OHM  AT 18.3 DC
RMF:                   0.212 OHM  AT 15.5 DC
RMC:                   0.412 OHM  AT 16.6 DC
SOURCE RMF/RMC:       PRESS /PRESS
RM AT BHT:             0.122 OHM  AT 76.6 DC
RMF AT BHT:            0.080 OHM  AT 76.6 DC
RMC AT BHT:            0.160 OHM  AT 76.6 DC

TIME CIRC. STOPPED:   2330/16
TIME LOGGER ON BTM.:  0800/17

MAX. REC. TEMP:        76.6 DC

LOGGING UNIT NO:       500
LOGGING UNIT LOC:     S. CROSS
RECORDED BY:          M. AW
WITNESSED BY:         C.BALNAVES R.TOLLIDAY
```

REMARKS:

```
EQUIPMENT NUMBERS-

DIS 1092          DIC 1655          SLS RC 741        SLC K 741
SGC JAA 1537      NSM 973           SLM DA 1040       IEM BC 946
MRM 2718
```

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

FILE

101

AFTER SURVEY TOOL CHECK SUMMARY

```
  PERFORMED:      82/05/17
  PROGRAM FILE: ISON   (VERSION    20.1A   79/07/07)


DITD                          TOOL  CHECK

                      ZERO                         PLUS
             BEFORE          AFTER        BEFORE      AFTER      UNITS
    ILD        0.0            0.0         500.2       493.7      MMHO
    ILM        -*            -0.7         502.0       500.1      MMHO
    SFL        -*             0.0         497.1       499.5      MMHO

ILD  SONDE ERROR CORRECTION :        6.2    MMHO
ILM  SONDE ERROR CORRECTION :        7.8    MMHO
                               FILE

                                14
```

```
         BS  (IN  )                   SFLA(OHMM)
10.00              20.00      0.0               2.000
        CALI(IN  )                    ILD (OHMM)
10.00              20.00      0.0               10.00
         GR  (GAPI)                   MSFL(OHMM)
0.0                150.0      0.0               10.00
         SP  (MV  )                   SFLA(OHMM)               CILD(MMHO)
-80.00             20.00      0.0               10.00 2000.                0.0
                                                  *DT (US/M)
                              900.0                                      100.0
```

FILE

5 cm

12

FILE

12

```
         BS  (IN  )                   SFLA(OHMM)
10.00              20.00      0.0               2.000
        CALI(IN  )                    ILD (OHMM)
10.00              20.00      0.0               10.00
         GR  (GAPI)                   MSFL(OHMM)
0.0                150.0      0.0               10.00
         SP  (MV  )                   SFLA(OHMM)               CILD(MMHO)
-80.00             20.00      0.0               10.00 2000.                0.0
                                                  *DT (US/M)
                              900.0                                      100.0
```

```
             SENSOR MEASURE POINT TO TENSION REFERENCE POINT

        AMPL   10.5  METER                     DT      9.8  METER
        SRAT    9.8  METER                     CBL    10.5  METER
        GR     22.5  METER                     TT     10.5  METER
        ILD     2.1  METER                     CALI   16.6  METER
        ILM     1.0  METER                     SFL     1.2  METER
        SPAR     .0  METER                     SP       .0  METER
        CMSF   16.5  METER                     TENS     .0  METER
        NOIS    8.0  METER                     I1     16.6  METER
```

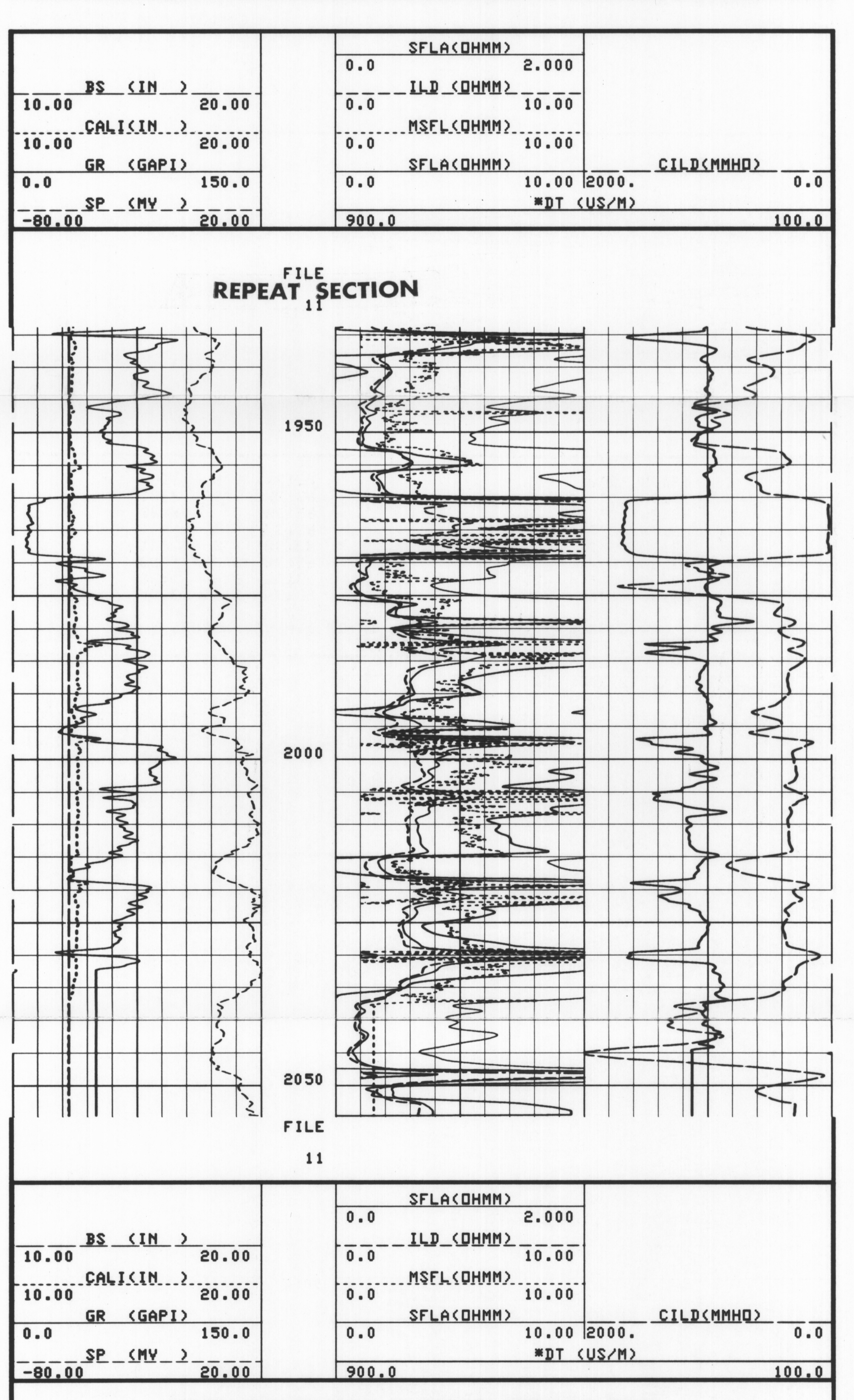
```
                              PARAMETERS

        NAME  VALUE    UNIT                    NAME  VALUE    UNIT

        CDTS  100.0                            BS    12.25    IN
        DTF   189.0    US/F                    DTM   56.00    US/F
        SBR   1.000    OHMM                    DSEC  6.200    MMHO
        SPT   STAN                             MSEC  7.800    MMHO
        DO    0.0                              BHS   OPEN
```

```
         BS  (IN  )                   SFLA(OHMM)
10.00              20.00      0.0               2.000
        CALI(IN  )                    ILD (OHMM)
10.00              20.00      0.0               10.00
         GR  (GAPI)                   MSFL(OHMM)
0.0                150.0      0.0               10.00
         SP  (MV  )                   SFLA(OHMM)               CILD(MMHO)
-80.00             20.00      0.0               10.00 2000.                0.0
                                                  *DT (US/M)
                              900.0                                      100.0
```

FILE

REPEAT SECTION

11



FILE

11

```
         BS  (IN  )                   SFLA(OHMM)
10.00              20.00      0.0               2.000
        CALI(IN  )                    ILD (OHMM)
10.00              20.00      0.0               10.00
         GR  (GAPI)                   MSFL(OHMM)
0.0                150.0      0.0               10.00
         SP  (MV  )                   SFLA(OHMM)               CILD(MMHO)
-80.00             20.00      0.0               10.00 2000.                0.0
                                                  *DT (US/M)
                              900.0                                      100.0
```

```
             SENSOR MEASURE POINT TO TENSION REFERENCE POINT

        AMPL   10.5  METER                     DT      9.8  METER
        SRAT    9.8  METER                     CBL    10.5  METER
        GR     22.5  METER                     TT     10.5  METER
        ILD     2.1  METER                     CALI   16.6  METER
        ILM     1.0  METER                     SFL     1.2  METER
        SPAR     .0  METER                     SP       .0  METER
        CMSF   16.5  METER                     TENS     .0  METER
        NOIS    8.0  METER                     I1     16.6  METER
```

```
                              PARAMETERS

        NAME  VALUE    UNIT                    NAME  VALUE    UNIT

        CDTS  100.0                            BS    12.25    IN
        DTF   189.0    US/F                    DTM   56.00    US/F
        SBR   1.000    OHMM                    DSEC  6.200    MMHO
        SPT   STAN                             MSEC  7.800    MMHO
        DO    0.0                              BHS   OPEN
```

BEFORE SURVEY CALIBRATION SUMMARY

```
  PERFORMED:      82/05/17
  PROGRAM FILE: ISON   (VERSION    20.1A   79/07/07)

DITD              ELECTRONICS CALIBRATION SUMMARY

            MEASURED                       CALIBRATED
           ZERO    PLUS                   ZERO      PLUS          UNITS
    ILD     0.0    552.2                   0.0      500.2          MMHO
    ILM    -1.5   -712.6                   -*       502.0          MMHO
    SFL    -0.6    515.5                   -*       497.1          MMHO

ILD  SONDE ERROR CORRECTION :        6.2    MMHO
ILM  SONDE ERROR CORRECTION :        7.8    MMHO

SRTB              ELECTRONICS CALIBRATION SUMMARY

            MEASURED                       CALIBRATED
           ZERO    PLUS                   ZERO      PLUS          UNITS
   CMSF    -0.7    946.0                  -0.7      1000.          MMHO
     I1    18.1    150.0                  -0.2      200.0          MMHO

SGTE              DETECTOR CALIBRATION SUMMARY

            MEASURED
           BKGD    JIG          CALIBRATED          UNITS
    GR       5     169             165              GAPI

SRTB              CALIPER CALIBRATION SUMMARY

            MEASURED                       CALIBRATED
           SMALL   LARGE                  SMALL     LARGE         UNITS
   CALI     3.5     6.0                    8.0      12.0           IN
                   FILE

                    11
```

5 cm