Attachment 11.

OR.0310

Schlumberger

DWQL-EPTQL YOLLA#1 SUITE#3 1/200

CSU Field Log

```
COMPANY:     AMOCO AUSTRALIA PETROLEUM CO.                      OTHER SERVICES-
                                                                  ISF-BHC-MSFL
WELL:        YOLLA #1                                             HDT-GR
                                                                  VSP-GR
FIELD:       WILDCAT                                              RFT-HP-GR
RIG  .:      R F BAUER                                            STL-GR
STATE:       TASMANIA                                             LDL-CNL-NGT
NATION:      AUSTRALIA
LOCATION:    BASS STRAIT - OFFSHORE TASMANIA.

LATITUDE:    039 50 18.96 S
LONGITUDE:   145 48 21.2 E
                                                                PROGRAM
PERMANENT DATUM:          MSL          ELEVATIONS-              TAPE NO:
ELEV. OF PERM. DATUM:      0.0 M         KB:    11.0 M            28.2
LOG MEASURED FROM:        KB             DF:    10.4 M          SERVICE
     11.0 M     ABOVE PERM. DATUM        GL:   -79.6 M          ORDER NO:
DRLG. MEASURED FROM:      KB                                      RFB 850801

DATE:             26 AUG 85
RUN NO:           1

DEPTH-DRILLER:          3347.0 M
DEPTH-LOGGER:           3351.0 M
BTM. LOG INTERVAL:      3350.0 M
TOP LOG INTERVAL:       1755.0 M

CASING-DRILLER:          399.0 M        1752.0 M          0.0 M
CASING-LOGGER:             0.0 M        1755.0 M          0.0 M
CASING:                20              13 3/8
   WEIGHT:             129.000 LB/F 72.0000 LB/F  0.0      LB/F
BIT SIZE:              26              17 1/2         12 1/4
  DEPTH:                 399.0 M        1759.0 M       3347.0 M

TYPE FLUID IN HOLE:    FRESH WATER/AQUAGEL/POLYMER
DENSITY:                 9.80 LB/G
VISCOSITY:             44.0 S
PH:                    11.0
FLUID LOSS:             9.0 C3
SOURCE OF SAMPLE:      FLOWLINE
RM:                     1.070 OHMM AT 23.0 DEGC
RMF:                     .838 OHMM AT 16.0 DEGC
RMC:                    1.370 OHMM AT 16.0 DEGC
SOURCE RMF/RMC:        PRESS /PRESS
RM AT BHT:               .296 OHMM AT 140. DEGC
RMF AT BHT:              .195 OHMM AT 140. DEGC
RMC AT BHT:              .319 OHMM AT 140. DEGC

TIME CIRC. STOPPED:    22:30 21/08
TIME LOGGER ON BTM.:   16:30 22/08

MAX. REC. TEMP:        140.0 DEGC

LOGGING UNIT NO:          65
LOGGING UNIT LOC:      SEA
RECORDED BY:           D.BOUBE R.WINSLOE
WITNESSED BY:          G.M. KJELLGREN
```

5 cm

REMARKS:

CYBERLOOK MADE USING DATA TRANSMITTED FROM RIG.
EPTQL PARAMETERS CHOSEN BY M.JENNINGS
SXO COMPUTED FROM EPT ONLY

EQUIPMENT NUMBERS-

LDT-C	CNT-H	NGT-C	IRT-R
SLT-N	EPT-D	SRT-B	

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.

```
   CP 28.2          FILE  102        30-AUG-85 01:59
                    DATA ACQUIRED    22-AUG-85 10:23
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

Apparent grain density

Formation grain density

Minimum shale index

EPT Attenuation

Apparent total porosity

EPT Matrix corrected porosity

Flushed Zone Water Vol.

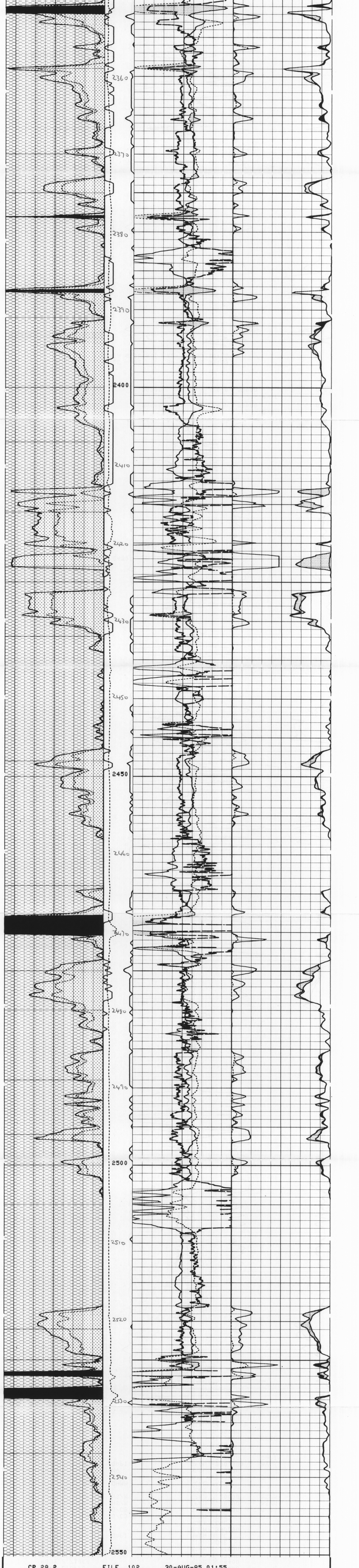
Flushed Zone Water Sat.

Water Saturation

Bulk volume water

Effective porosity

```
   CP 28.2          FILE  102        30-AUG-85 01:59
                    DATA ACQUIRED    22-AUG-85 10:23
```



```
   CP 28.2          FILE  102        30-AUG-85 01:55
                    DATA ACQUIRED    22-AUG-85 09:54
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

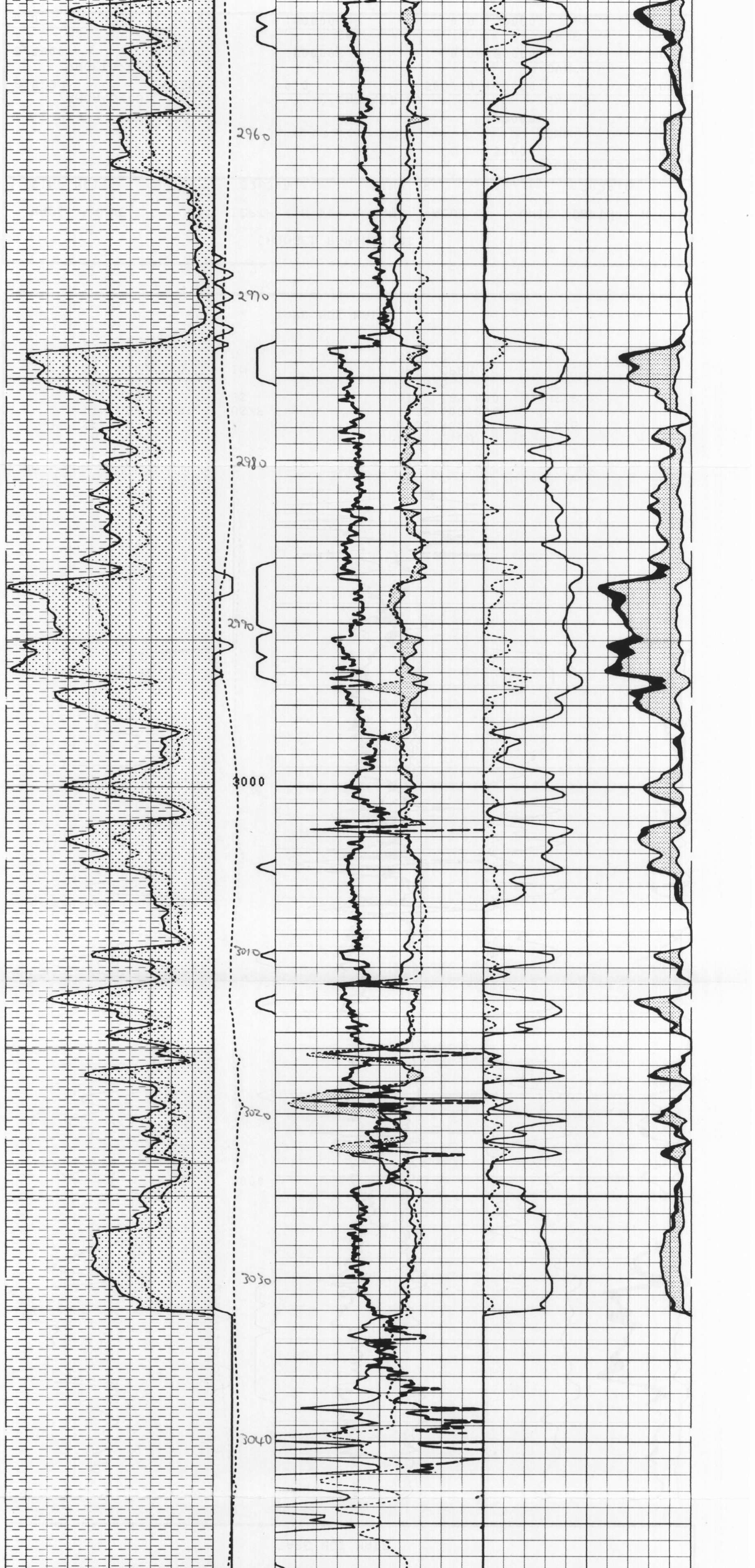
```
                              PARAMETERS

        NAME  VALUE        UNIT              NAME  VALUE        UNIT

        DMRT 3350.00       M                 SWMN .0500000
        TPCN 7.20000       NS/M              TPSH 8.90000       NS/M
        GRSS CGR                             CNPS NPHI
        UM32 4.77900                         UM33 8.99700
        UM23 8.99700                         UM31 13.7700
        UM21 13.7700                         UM22 4.77900
        RG33 2.87700                         UF   .398000
        RG31 2.71000                         RG32 2.64400
        RG22 2.64400                         RG23 2.87700
        LDTA PRES                            RG21 2.71000
        SDGC DGCN                            SIS  NONE
        GULM 35.0000       GAPI              NMLA ABSE
        NLIM .360000                         DLLM .390000
        LSWB ALLO                            MDET COAL
        GDSH 3.10000       G/C3              FRTC NONE
        DRUL .150000       G/C3              GDCL 2.63000       G/C3
        TPM3 8.70000       NS/M              TPFM 6.00000       NS/M
        TPM1 9.80000       NS/M              TPM2 7.20000       NS/M
        POUT SAND                            FEPT FIX
        RWB  .300000       OHMM              FCAL PRES
        NPSH .300000                         RWF  .0830000      OHMM
        SPSH 0.0           MV                NPCL .120000
        GRSH 88.0000       GAPI              SPCL -200.000      MV
        PMAX .250000                         GRCL 12.0000       GAPI
        SINP GR                              NGSI RHOG
        SONI PRES                            RXOF PRES
        RTLF DISA                            BHT  130.000       DEGC
        KCON 1.00000                         KEXP 1.00000
        FRT  DISA                            KES  E4
        HC   BS                              RMF  .200000
        PMUD 0.0           %                 MATR LIME
        NFO  KALM                            CBAR 1.00000
        MDEN 2.65000       G/C3              FD   1.00000       G/C3
        DHC  CALI                            BFM  LIQU
        SPFS R-H                             WMUD 9.80000       LB/G
        DTM  56.0000       US/F              CDTS 100.000
        DDEL 200           US                DTF  189.000       US/F
        DWCO 512                             DSIN 5             US
        BS   12.2500       IN                BHS  OPEN
        DO   0.0           M                 DO2  0.0           M
        PP   NORM

                             TAPE NOT MADE
```

5 cm

```
                          CHANGED PARAMETERS

 NAME  VALUE       UNIT  DEPTH ( M )    NAME  VALUE       UNIT  DEPTH ( M )

 SINP NEIT                 3360.0       SINP GR                   3032.0
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

```
   CP 28.2          FILE  102        30-AUG-85 01:48
                    DATA ACQUIRED    22-AUG-85 09:01
```



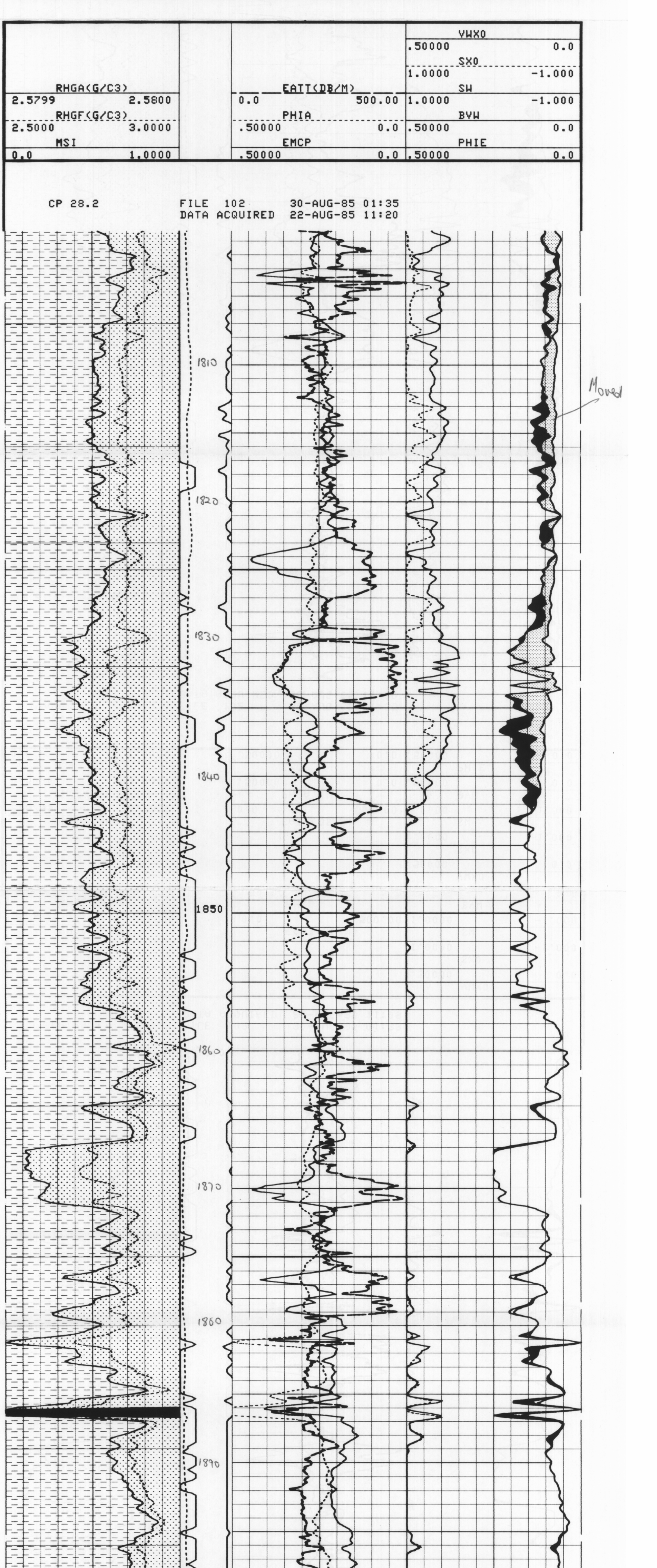
```
   CP 28.2          FILE  102        30-AUG-85 01:46
                    DATA ACQUIRED    22-AUG-85 08:50
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

```
                              PARAMETERS

        NAME  VALUE        UNIT              NAME  VALUE        UNIT

        DMRT 3350.00       M                 SWMN .0500000
        TPCN 7.20000       NS/M              TPSH 8.90000       NS/M
        GRSS CGR                             CNPS NPHI
        UM32 4.77900                         UM33 8.99700
        UM23 8.99700                         UM31 13.7700
        UM21 13.7700                         UM22 4.77900
        RG33 2.87700                         UF   .398000
        RG31 2.71000                         RG32 2.64400
        RG22 2.64400                         RG23 2.87700
        LDTA PRES                            RG21 2.71000
        SDGC DGCN                            SIS  NONE
        GULM 35.0000       GAPI              NMLA ABSE
        NLIM .360000                         DLLM .390000
        LSWB ALLO                            MDET COAL
        GDSH 3.10000       G/C3              FRTC NONE
        DRUL .150000       G/C3              GDCL 2.63000       G/C3
        TPM3 8.70000       NS/M              TPFM 6.00000       NS/M
        TPM1 9.80000       NS/M              TPM2 7.20000       NS/M
        POUT SAND                            FEPT FIX
        RWB  .300000       OHMM              FCAL PRES
        NPSH .300000                         RWF  .0830000      OHMM
        SPSH 0.0           MV                NPCL .120000
        GRSH 88.0000       GAPI              SPCL -200.000      MV
        PMAX .250000                         GRCL 12.0000       GAPI
        SINP NEIT                            NGSI RHOG
        SONI PRES                            RXOF PRES
        RTLF DISA                            BHT  130.000       DEGC
        KCON 1.00000                         KEXP 1.00000
        FRT  DISA                            KES  E4
        HC   BS                              RMF  .200000
        PMUD 0.0           %                 MATR LIME
        NFO  KALM                            CBAR 1.00000
        MDEN 2.65000       G/C3              FD   1.00000       G/C3
        DHC  CALI                            BFM  LIQU
        SPFS R-H                             WMUD 9.80000       LB/G
        DTM  56.0000       US/F              CDTS 100.000
        DDEL 200           US                DTF  189.000       US/F
        DWCO 512                             DSIN 5             US
        BS   12.2500       IN                BHS  OPEN
        DO   0.0           M                 DO2  0.0           M
        PP   NORM

                             TAPE NOT MADE
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

```
   CP 28.2          FILE  102        30-AUG-85 01:35
                    DATA ACQUIRED    22-AUG-85 11:20
```



```
   CP 28.2          FILE  102        30-AUG-85 01:33
                    DATA ACQUIRED    22-AUG-85 11:09
```

```
                                                             VWXO
                                                   .50000             0.0
                                                             SXO
                                                   1.0000            -1.000
     RHGA(G/C3)                     EATT(DB/M)               SW
2.5799          2.5800        0.0            500.00 1.0000            -1.000
     RHGF(G/C3)                     PHIA                     BVW
2.5000          3.0000        .50000            0.0 .50000             0.0
     MSI                            EMCP                     PHIE
0.0             1.0000        .50000            0.0 .50000             0.0
```

```
                              PARAMETERS

        NAME  VALUE        UNIT              NAME  VALUE        UNIT

        DMRT 3350.00       M                 SWMN .0500000
        TPCN 7.20000       NS/M              TPSH 8.90000       NS/M
        GRSS CGR                             CNPS NPHI
        UM32 4.77900                         UM33 8.99700
        UM23 8.99700                         UM31 13.7700
        UM21 13.7700                         UM22 4.77900
        RG33 2.87700                         UF   .398000
        RG31 2.71000                         RG32 2.64400
        RG22 2.64400                         RG23 2.87700
        LDTA PRES                            RG21 2.71000
        SDGC DGCN                            SIS  NONE
        GULM 35.0000       GAPI              NMLA ABSE
        NLIM .360000                         DLLM .390000
        LSWB ALLO                            MDET COAL
        GDSH 3.10000       G/C3              FRTC NONE
        DRUL .150000       G/C3              GDCL 2.63000       G/C3
        TPM3 8.70000       NS/M              TPFM 6.00000       NS/M
        TPM1 9.80000       NS/M              TPM2 7.20000       NS/M
        POUT SAND                            FEPT FIX
        RWB  .500000       OHMM              FCAL PRES
        NPSH .300000                         RWF  .0670000      OHMM
        SPSH 0.0           MV                NPCL .120000
        GRSH 75.0000       GAPI              SPCL -200.000      MV
        PMAX .350000                         GRCL 12.0000       GAPI
        SINP GR                              NGSI RHOG
        SONI PRES                            RXOF PRES
        RTLF DISA                            BHT  130.000       DEGC
        KCON 1.00000                         KEXP 1.00000
        FRT  DISA                            KES  E4
        HC   BS                              RMF  .250000
        PMUD 0.0           %                 MATR LIME
        NFO  KALM                            CBAR 1.00000
        MDEN 2.65000       G/C3              FD   1.00000       G/C3
        DHC  CALI                            BFM  LIQU
        SPFS R-H                             WMUD 9.80000       LB/G
        DTM  56.0000       US/F              CDTS 100.000
        DDEL 200           US                DTF  189.000       US/F
        DWCO 512                             DSIN 5             US
        BS   12.2500       IN                BHS  OPEN
        DO   0.0           M                 DO2  0.0           M
        PP   NORM

                             TAPE NOT MADE
```

5 cm