OR-331A

Schlumberger

CYBERDIP 1:500 3902-2850M.

CSU Field Log

COMPANY: AMOCO AUSTRALIA PETROLEUM CO. 329599

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M EPOC
STATE: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 29 OCT 85
RUN NO: 2

OTHER SERVICES-

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

13

DEPTH-DRILLER:	3900.3 M		
DEPTH-LOGGER:	3902.0 M		
BTM. LOG INTERVAL:	3900.0 M		
TOP LOG INTERVAL:	2850.0 M		
CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3900.3 M

- -

TYPE FLUID IN HOLE: F/WATER-GEL-POLYMER
DENSITY: 9.90 LB/G
VISCOSITY: 47.0 S
PH: 11.6
FLUID LOSS: 5.3 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .357 OHMM AT 95.0 DEGF
RMF: .309 OHMM AT 72.0 DEGF
RMC: .760 OHMM AT 70.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .147 OHMM AT 240. DEGF
RMF AT BHT: .099 OHMM AT 240. DEGF
RMC AT BHT: .237 OHMM AT 240. DEGF

TIME CIRC. STOPPED: 16:15/28TH
TIME LOGGER ON BTM.: 16:50/29TH

MAX. REC. TEMP: 240.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: R.WINSLOE
WITNESSED BY: C.E.KONEN

REMARKS:

4 PAD ALGORITHM USED.
MAX DIP ANGLE COMPUTED 70 DEGREES.
DEVIATION SCALE 0 10 DEGREES.

5 cm

EQUIPMENT NUMBERS-

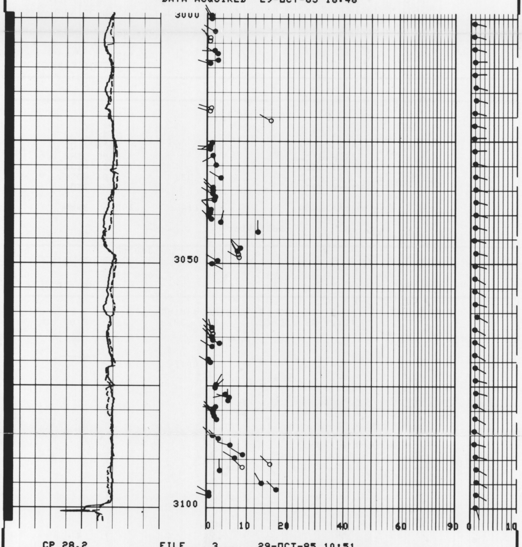
HDS-F 2343 HDH-LB 856 DAM-A 1769 HDE-F

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 3 29-OCT-85 11:12
DATA ACQUIRED 29-OCT-85 18:48

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

CP 28.2 FILE 3 29-OCT-85 10:58
DATA ACQUIRED 29-OCT-85 18:48



CP 28.2 FILE 3 29-OCT-85 10:51
DATA ACQUIRED 29-OCT-85 18:34

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

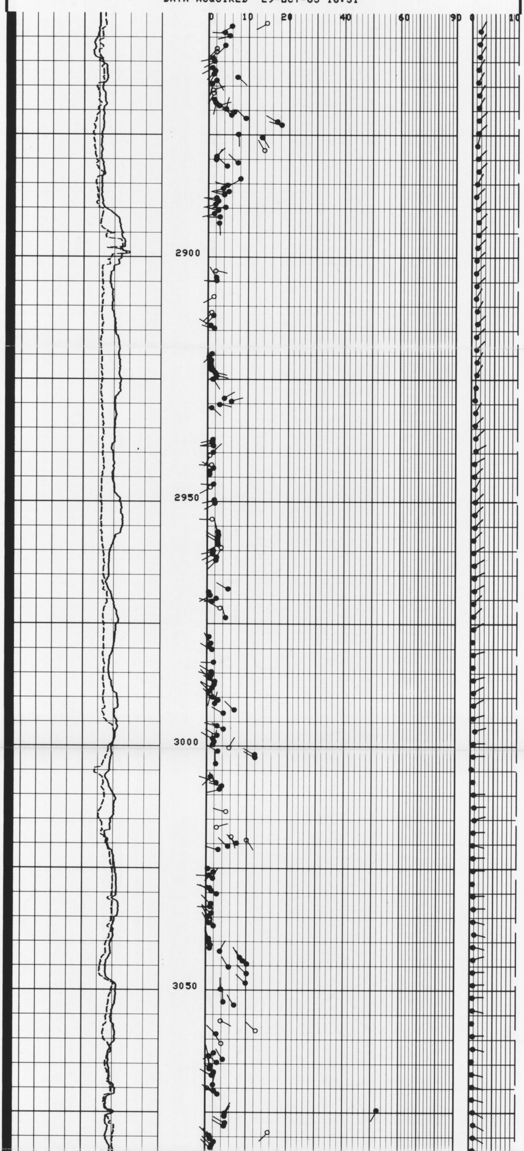
PARAMETERS

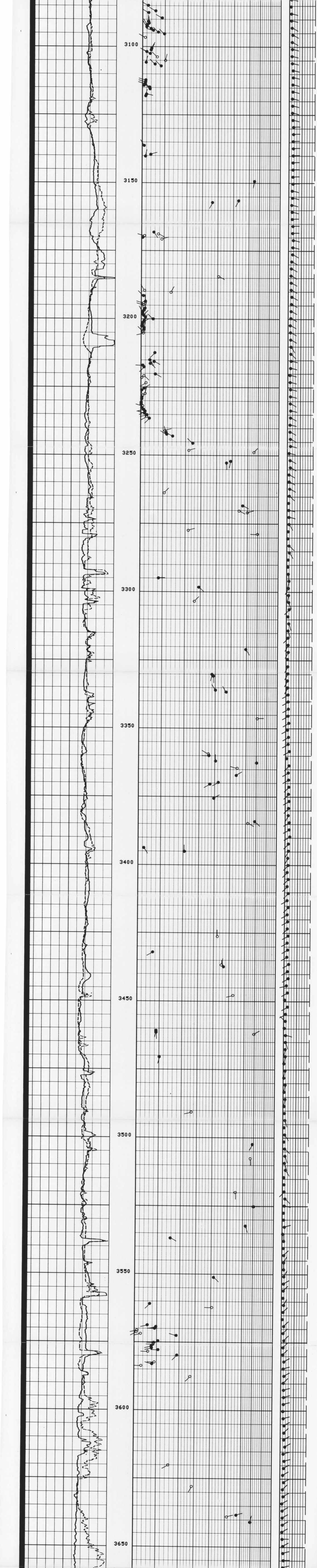
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	10	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

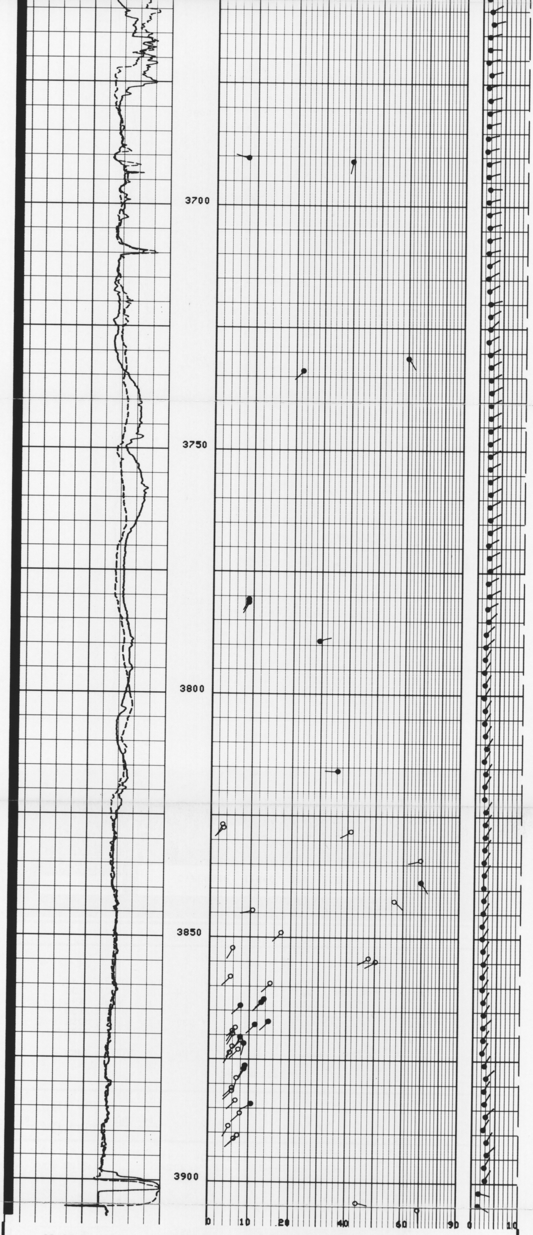
TAPE NOT MADE

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

CP 28.2 FILE 2 29-OCT-85 10:36
DATA ACQUIRED 29-OCT-85 18:31







CP 28.2

FILE 2 29-OCT-85 09:28
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	10	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

Schlumberger

CYBERDIP 1:500 3902-2850M.

CSU Field Log

OR-331A

Schlumberger

CYBERDIP 1:200 3902-2850M.

CSU Field Log

329600

COMPANY: AMOCO AUSTRALIA PETROLEUM CO.

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M EPOC
STATE: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 29 OCT 85
RUN NO: 2

OTHER SERVICES-

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

(14)

DEPTH-DRILLER: 3900.3 M
DEPTH-LOGGER: 3902.0 M
BTM. LOG INTERVAL: 3900.0 M
TOP LOG INTERVAL: 2850.0 M

CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3900.3 M

TYPE FLUID IN HOLE: F/WATER-GEL-POLYMER
DENSITY: 9.90 LB/G
VISCOSITY: 47.0 S
PH: 11.6
FLUID LOSS: 5.3 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .357 OHMM AT 95.0 DEGF
RMF: .309 OHMM AT 72.0 DEGF
RMC: .760 OHMM AT 70.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .147 OHMM AT 240. DEGF
RMF AT BHT: .099 OHMM AT 240. DEGF
RMC AT BHT: .237 OHMM AT 240. DEGF

TIME CIRC. STOPPED: 16:15/28TH
TIME LOGGER ON BTM.: 16:50/29TH

MAX. REC. TEMP: 240.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: R.WINSLOE
WITNESSED BY: C.E.KONEN

REMARKS:

4 PAD ALGORITHM USED.
MAX DIP ANGLE COMPUTED 70 DEGREES.
DEVIATION SCALE 0 10 DEGREES.

5 cm

EQUIPMENT NUMBERS-

HDS-F 2343 HDH-LB 856 DAM-A 1769 HDE-F

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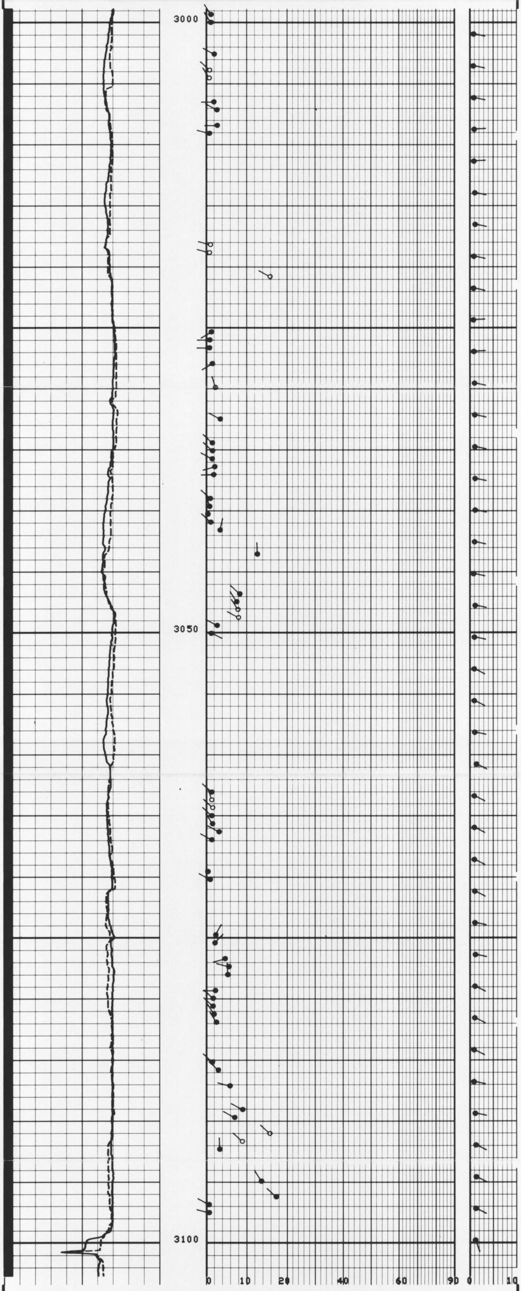
CP 28.2 FILE 3 29-OCT-85 11:14
DATA ACQUIRED 29-OCT-85 18:48

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

CP 28.2 FILE 3 29-OCT-85 10:58
DATA ACQUIRED 29-OCT-85 18:48



CP 28.2 FILE 3 29-OCT-85 10:51
DATA ACQUIRED 29-OCT-85 18:34

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

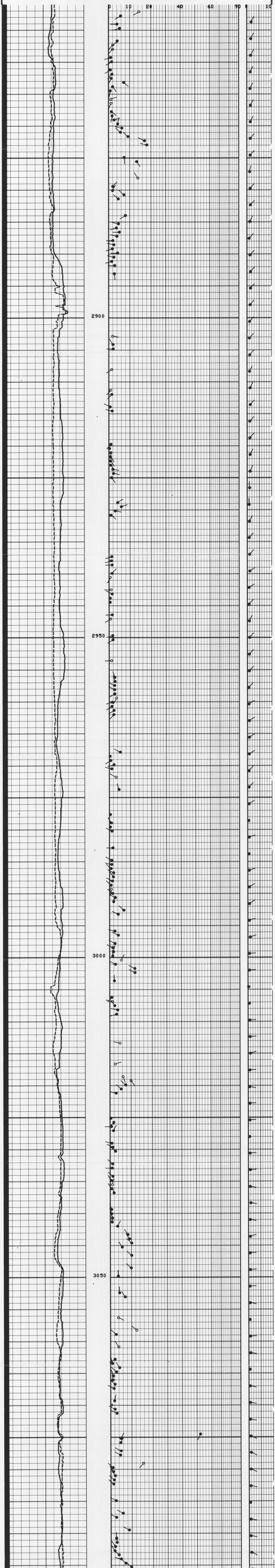
PARAMETERS

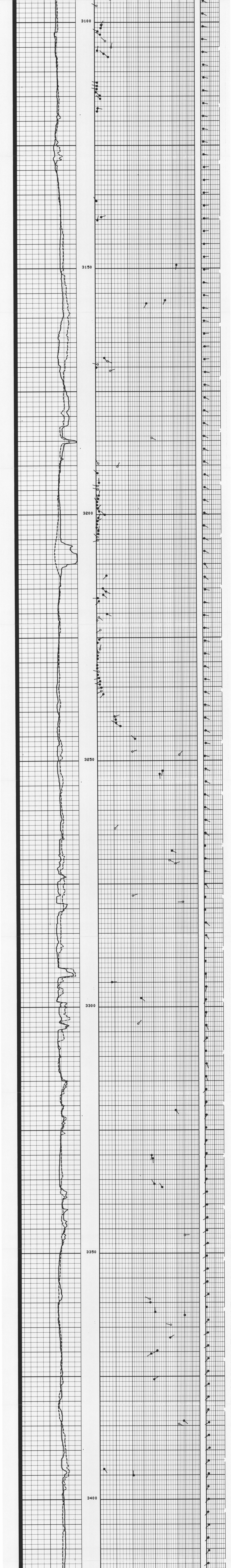
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	10	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

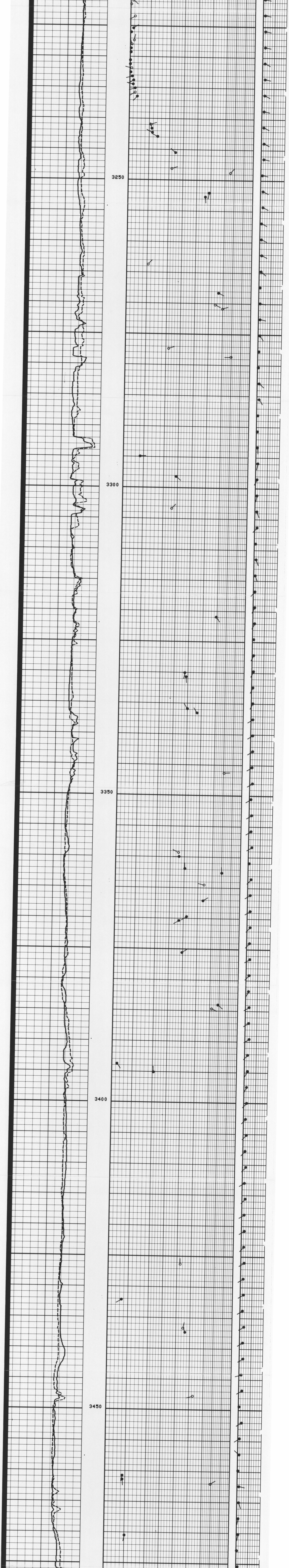
TAPE NOT MADE

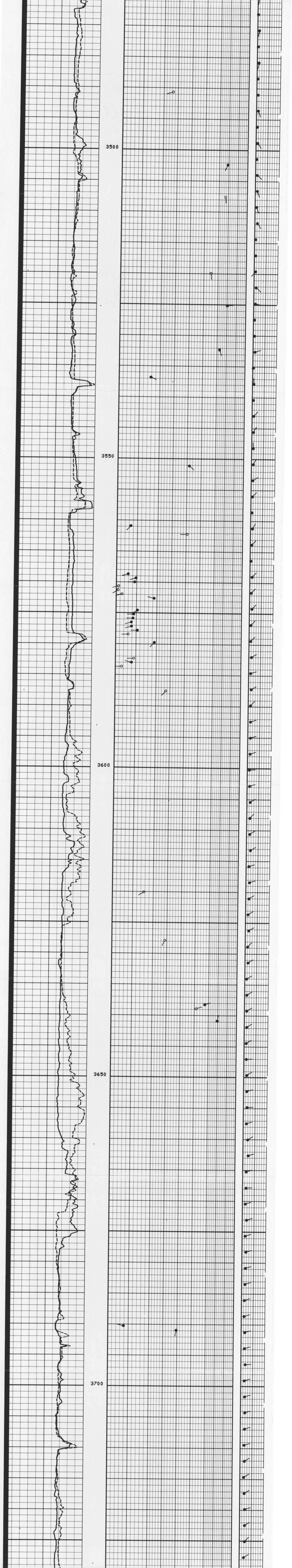
C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

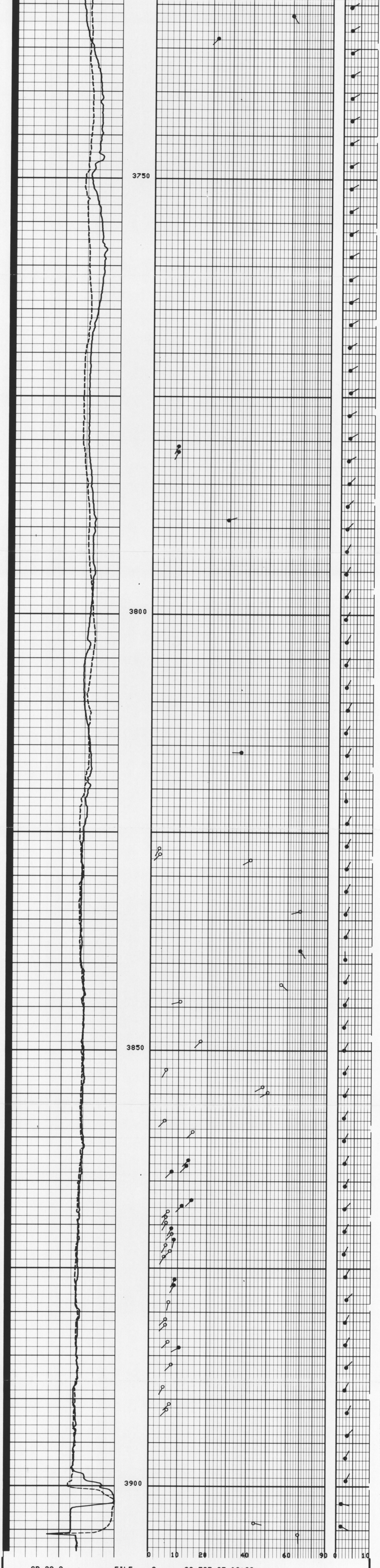
CP 28.2 FILE 2 29-OCT-85 10:36
DATA ACQUIRED 29-OCT-85 18:31











CP 28.2

FILE 2 29-OCT-85 09:28
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)	
0.0	20.000
C1S (IN)	
0.0	20.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	10	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

Schlumberger

CYBERDIP 1:200 3902-2850M.

CSU Field Log

5 cm

OR-331A

⑤

Schlumberger

CYBERDIP 1:200 3902-3400M.

CSU Field Log

329601

COMPANY:	AMOCO AUSTRALIA PETROLEUM CO.		
WELL:	TILANA #1		
FIELD:	WILDCAT		
RIG :	DIAMOND M EPOC		
SLAB:	TASMANIA		
NATION:	AUSTRALIA		
LOCATION:	SHOT POINT 5199 , LINE 871-A-50		
LATITUDE:	039 53'36.96"S		
LONGITUDE:	145 58'42.2" E		
PERMANENT DATUM:	MSL	ELEVATIONS-	
ELEV. OF PERM. DATUM:		KB:	22.3 M
LOG MEASURED FROM:	KB	DF:	22.0 M
22.3 M	ABOVE PERM. DATUM	GL:	-79.9 M
DRLG. MEASURED FROM:	KB		
DATE:	29 OCT 85		
RUN NO:	2		
DEPTH-DRILLER:	3900.3 M		
DEPTH-LOGGER:	3902.0 M		
BTM. LOG INTERVAL:	3900.0 M		
TOP LOG INTERVAL:	3400.0 M		
CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3900.3 M

OTHER SERVICES-
ISF-MSFL-BHC
LDTC-CNTH-GR
WST
CST-GR
RFT-HP-GR

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

TYPE FLUID IN HOLE:	F/WATER-GEL-POLYMER
DENSITY:	9.90 LB/G
VISCOSITY:	47.0 S
PH:	11.6
FLUID LOSS:	5.3 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	.357 OHMM AT 95.0 DEGF
RMF:	.309 OHMM AT 72.0 DEGF
RMC:	.760 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:	PRESS /PRESS
RM AT BHT:	.147 OHMM AT 240. DEGF
RMF AT BHT:	.099 OHMM AT 240. DEGF
RMC AT BHT:	.237 OHMM AT 240. DEGF
TIME CIRC. STOPPED:	1615/28
TIME LOGGER ON BTM.:	
MAX. REC. TEMP:	240.0 DEGF
LOGGING UNIT NO:	822
LOGGING UNIT LOC:	VEA
RECORDED BY:	R.WINSLOE
WITNESSED BY:	C.E.KONEN

REMARKS:

4 PAD ALGORITHM USED.
MAX DIP COMPUTED 70 DEGREES.

5 cm

EQUIPMENT NUMBERS-

HDS-F 2343 HDH-LB 856 DAM-A 1769 DAM-AC 3909
HDE-F

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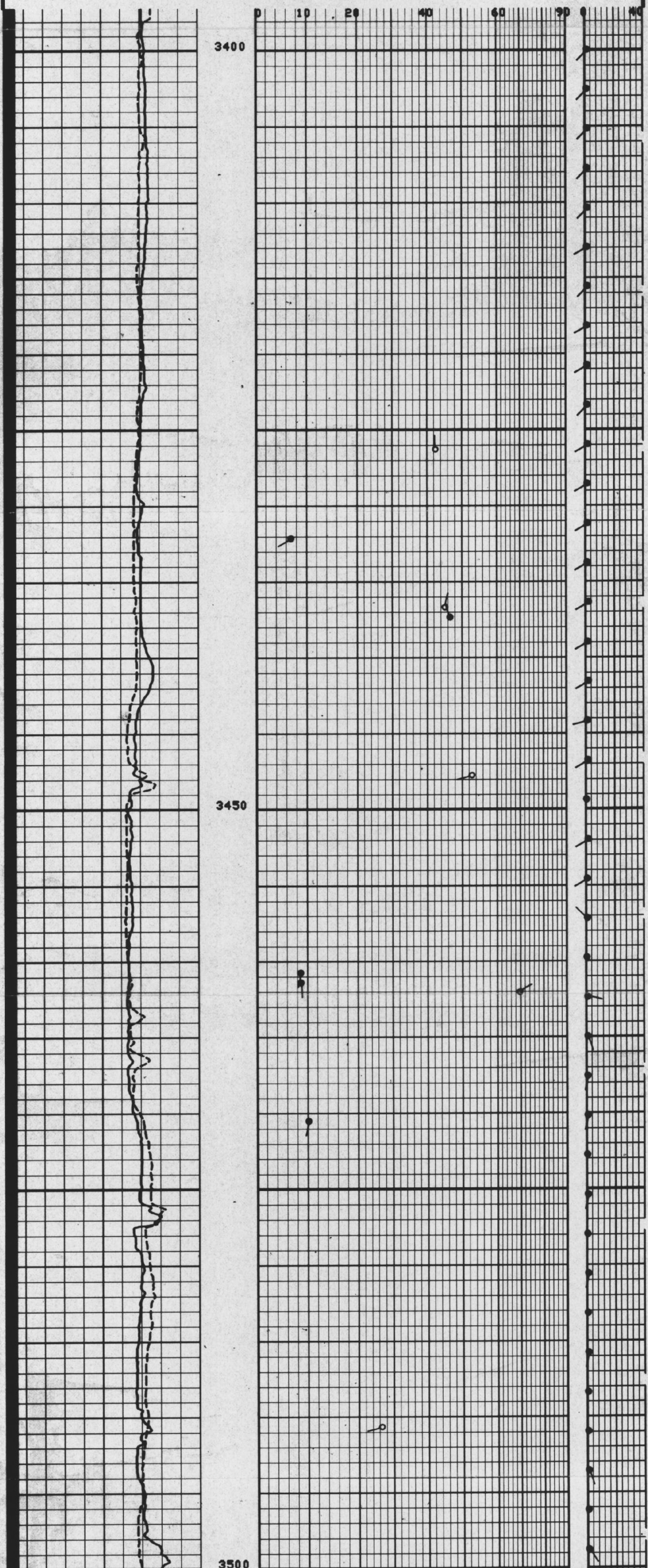
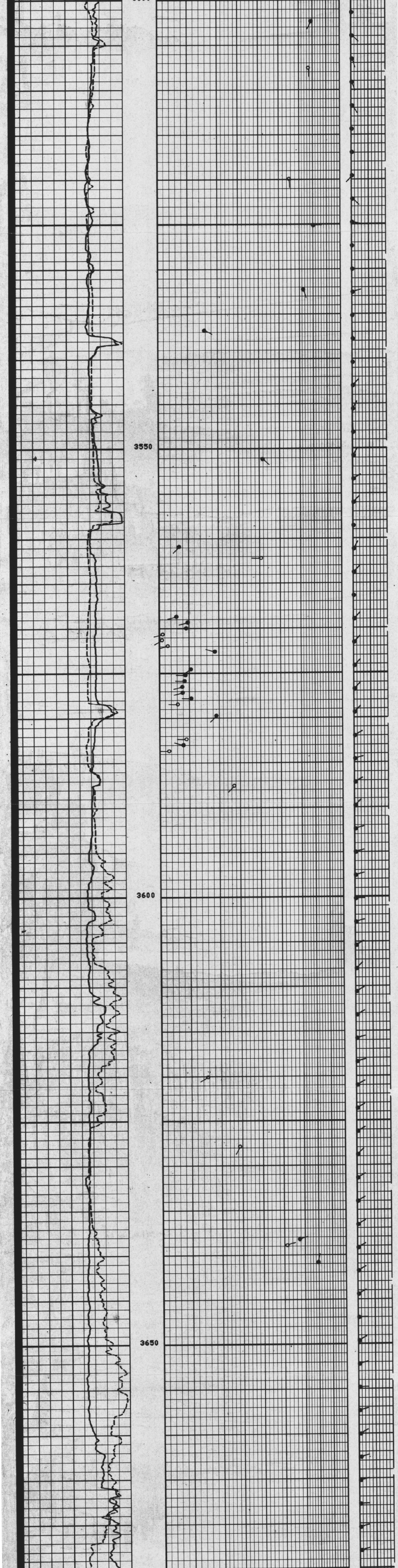
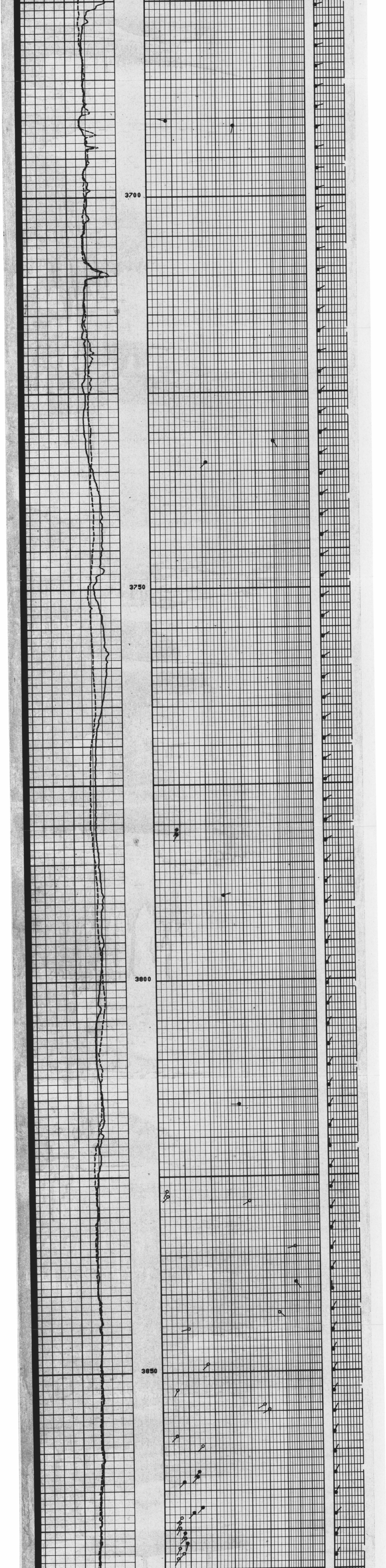
CP 28.2 FILE 0 31-OCT-85 12:38
DATA ACQUIRED 29-OCT-85 17:40

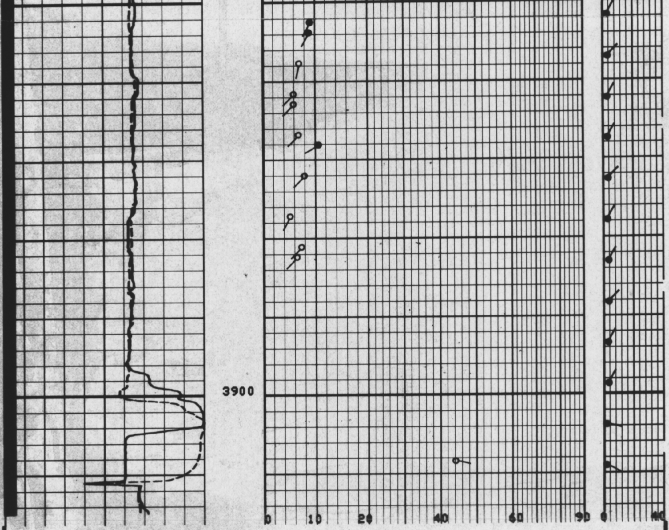
C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

CP 28.2 FILE 2 31-OCT-85 12:17
DATA ACQUIRED 29-OCT-85 17:40









CP 28.2 FILE 2 31-OCT-85 11:39
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

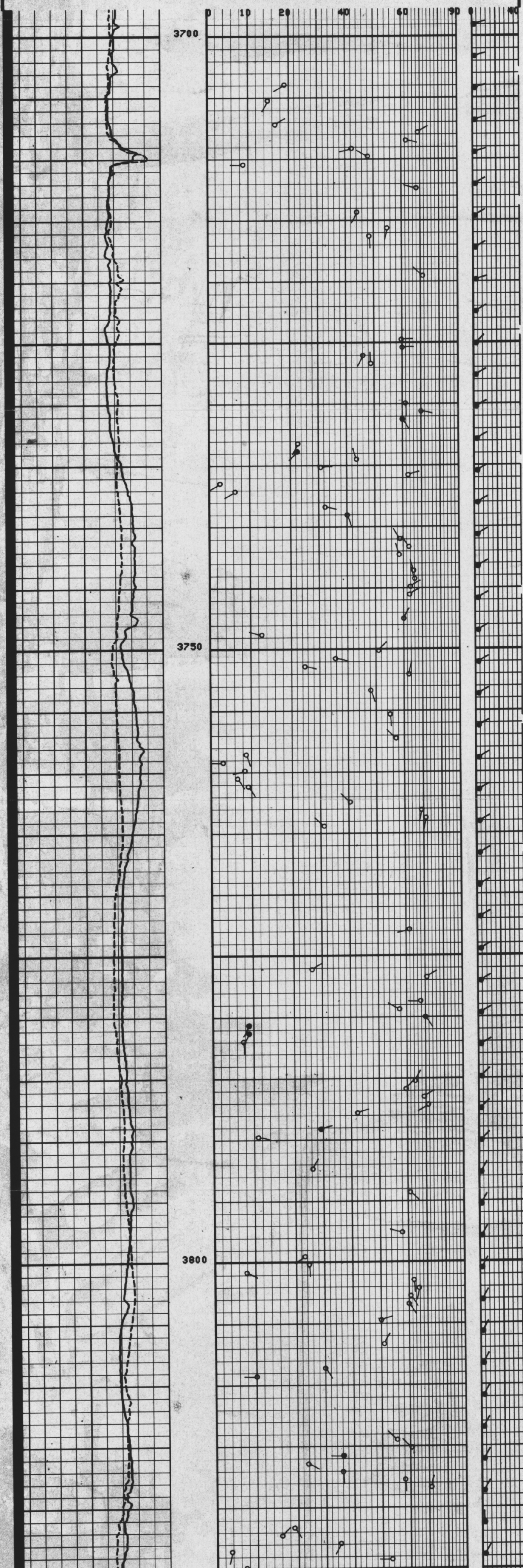
PARAMETERS

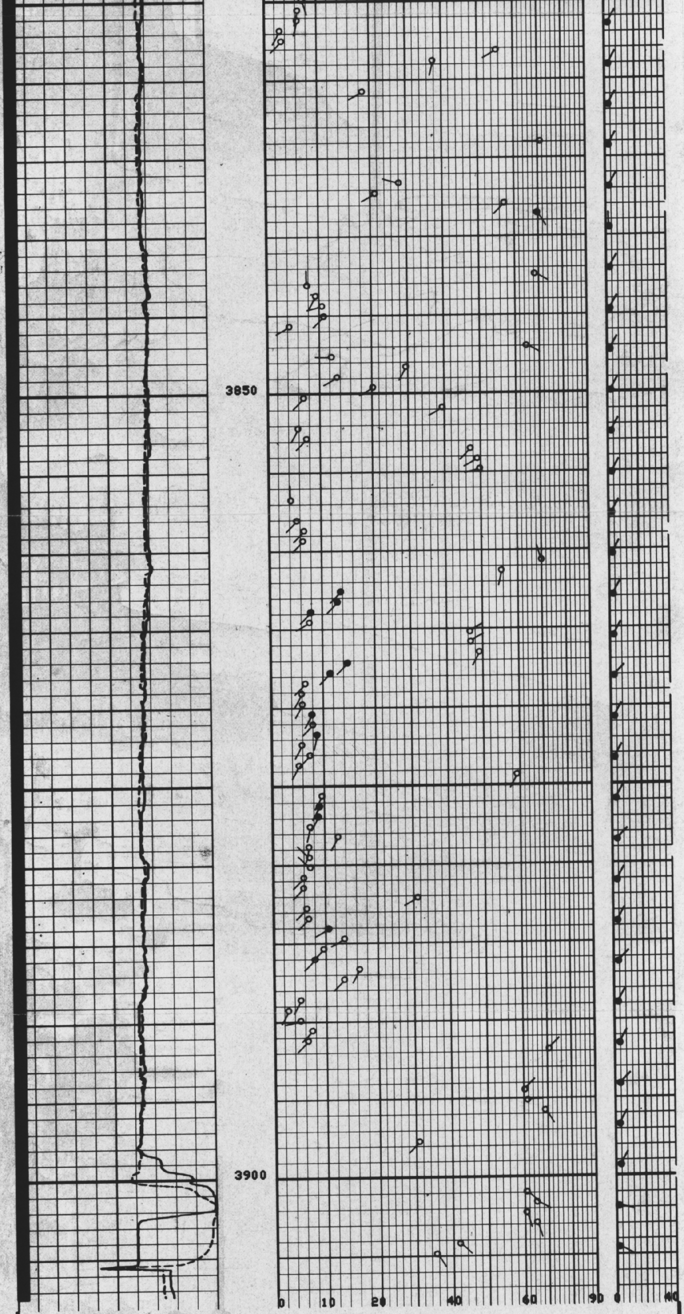
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	40	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

CP 28.2 FILE 2 31-OCT-85 11:38
DATA ACQUIRED 29-OCT-85 17:11





CP 28.2

FILE 2 31-OCT-85 11:24
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)
0.0 20.000
C1S (IN)
0.0 20.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	3PAD	
DSCA	40	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DD	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

5 cm

OR-331A

329602

(16)

Schlumberger

CYBERDIP 1:500 3902-3400M.

Field Log

COMPANY:	AMOCO AUSTRALIA PETROLEUM CO.	
WELL:	TILANA #1	
FIELD:	WILDCAT	
RIG :	DIAMOND M EPOC	
SLAB:	TASMANIA	
NATION:	AUSTRALIA	
LOCATION:	SHOT POINT 5199 , LINE 871-A-50	
LATITUDE:	039 53'36.96"S	
LONGITUDE:	145 58'42.2" E	
PERMANENT DATUM:	MSL	ELEVATIONS-
ELEV. OF PERM. DATUM:		KB: 22.3 M
LOG MEASURED FROM:	KB	DF: 22.0 M
22.3 M	ABOVE PERM. DATUM	
DRLG. MEASURED FROM:	KB	GL: -79.9 M
DATE:	29 OCT 85	
RUN NO:	2	
DEPTH-DRILLER:	3900.3 M	
DEPTH-LOGGER:	3902.0 M	
BTM. LOG INTERVAL:	3900.0 M	
TOP LOG INTERVAL:	3400.0 M	
CASING-DRILLER:	413.0 M	1651.0 M
CASING-LOGGER:	413.0 M	1651.5 M
CASING:	20 IN.	13 3/8 IN.
WEIGHT:	133.000 LB/F	68.0000 LB/F
BIT SIZE:	26 IN.	17 1/2 IN.
DEPTH:	416.0 M	1661.0 M

BIT SIZE: 12 1/4 IN.
DEPTH: 3900.3 M

OTHER SERVICES-
ISF-MSFL-BHC
LDTC-CNTH-GR
WST
CST-GR
RFT-HP-GR

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

TYPE FLUID IN HOLE:	F/WATER-GEL-POLYMER
DENSITY:	9.90 LB/G
VISCOSITY:	47.0 S
PH:	11.6
FLUID LOSS:	5.3 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	.357 OHMM AT 95.0 DEGF
RMF:	.309 OHMM AT 72.0 DEGF
RMC:	.760 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:	PRESS /PRESS
RM AT BHT:	.147 OHMM AT 240. DEGF
RMF AT BHT:	.099 OHMM AT 240. DEGF
RMC AT BHT:	.237 OHMM AT 240. DEGF
TIME CIRC. STOPPED:	1615/28
TIME LOGGER ON BTM.:	1650/29
MAX. REC. TEMP:	240.0 DEGF
LOGGING UNIT NO:	822
LOGGING UNIT LOC:	VEA
RECORDED BY:	R.WINSLOE
WITNESSED BY:	C.E.KONEN

REMARKS:

4 PAD ALGORITHM USED.
MAX DIP COMPUTED 70 DEGREES.

5 cm

EQUIPMENT NUMBERS-

HDS-F 2343	HDH-LB 856	DAM-A 1769	DAM-AC 3909
HDE-F			

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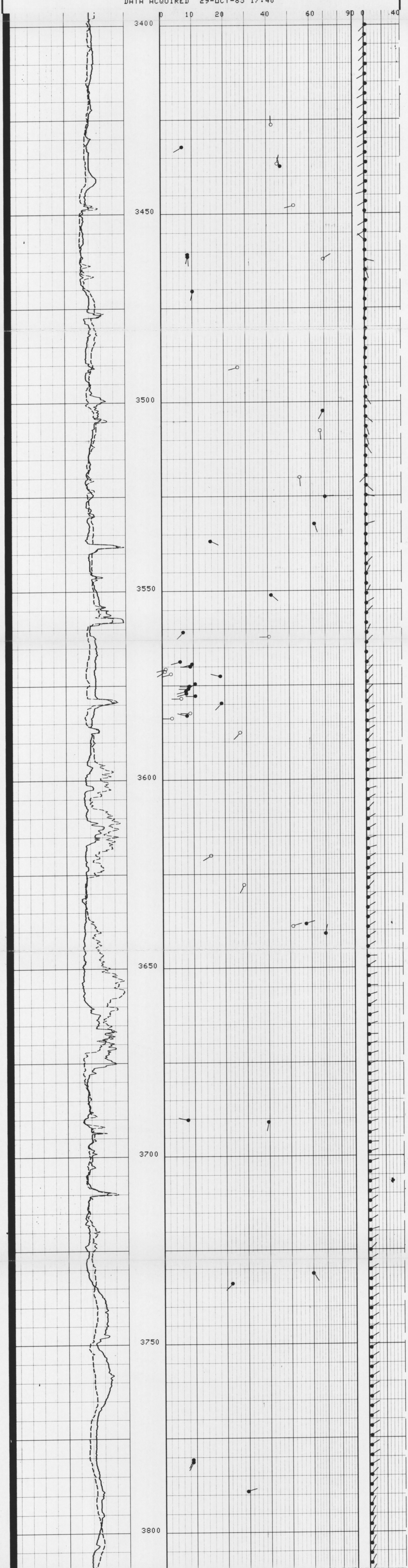
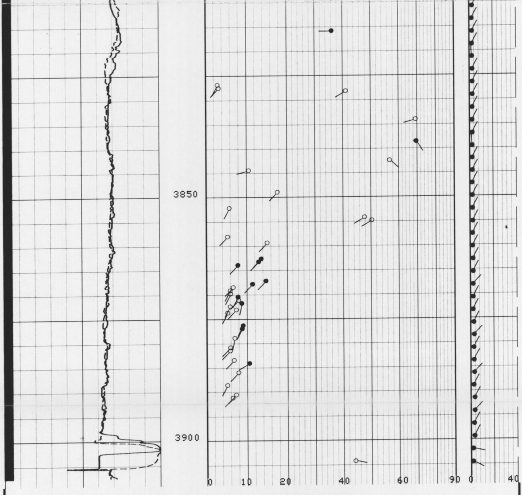
CP 28.2 FILE 0 31-OCT-85 12:49
DATA ACQUIRED 29-OCT-85 17:40

C2S (IN)	
0.0	20.000
C1S (IN)	
0.0	20.000

CP 28.2 FILE 2 31-OCT-85 12:17
DATA ACQUIRED 29-OCT-85 17:40





CP 28.2

FILE 2 31-OCT-85 11:39
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)	
0.0	20.000
C1S (IN)	
0.0	20.000

PARAMETERS

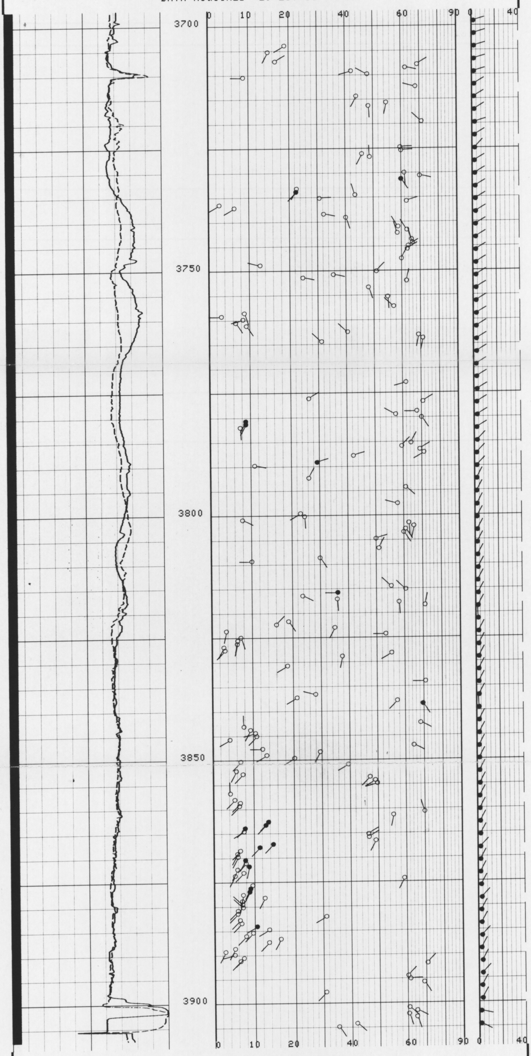
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	4PAD	
DSCA	40	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

C2S (IN)	
0.0	20.000
C1S (IN)	
0.0	20.000

CP 28.2

FILE 2 31-OCT-85 11:38
DATA ACQUIRED 29-OCT-85 17:11



CP 28.2

FILE 2 31-OCT-85 11:24
DATA ACQUIRED 29-OCT-85 16:51

C2S (IN)	
0.0	20.000
C1S (IN)	
0.0	20.000

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MODE	4/2		TDCA	3PAD	
DSCA	40	DEG	DMAX	70	DEG
MCT	72		MDEC	13	DEG
BHS	OPEN		STYP	HDSF	
DO	0.0	M	BS	12.2500	IN
PP	RECO				

TAPE NOT MADE

Schlumberger

CYBERDIP TILANA #1 3902M.-3400M.

CSU Field Log

OR-331A

Schlumberger

ISF-BHC-GR-CAL-SP SUITE #1 1/200

CSU Field Log

329603

COMPANY: AMOCO AUSTRALIA PETROLEUM CO.

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M. EPOCH
STATE: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50
SEC: TWP: RGE:
LATITUDE: 039D 53'36.96"S
LONGITUDE: 145D 58'42.2"E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

OTHER SERVICES-
NONE

PROGRAM
TAPE NO:
26.4
SERVICE
ORDER NO:

DATE: 14 SEP 85
RUN NO: 1

(17)

DEPTH-DRILLER: 1661.8 M
DEPTH-LOGGER: 1661.0 M
BTM. LOG INTERVAL: 1661.0 M
TOP LOG INTERVAL: 80.0 M

CASING-DRILLER:	203 M	413 M	
CASING-LOGGER:		413 M	
CASING:	30 IN.	20 IN.	
WEIGHT:	310.0 LB/F	133.0 LB/F	
BIT SIZE:	36 IN.	26 IN.	12 1/4 IN.
DEPTH:	209 M	416 M	1661 M

TYPE FLUID IN HOLE: GEL / STARCH
DENSITY: 9.2 LB/G
VISCOSITY: 45.0 S
PH: 12.0
FLUID LOSS: 8.0 C3
SOURCE OF SAMPLE: FLOWLINE

RM: .415 OHMM AT 85.0 DEGF
RMF: .356 OHMM AT 65.0 DEGF
RMC: .535 OHMM AT 65.0 DEGF
SOURCE RMF/RMC: PRESS/PRESS
RM AT BHT: .259 OHMM AT 140. DEGF
RMF AT BHT: .174 OHMM AT 140. DEGF
RMC AT BHT: .262 OHMM AT 140. DEGF

TIME CIRC. STOPPED: 22:20 13/09
TIME LOGGER ON BTM.: 03:21 14/09

MAX. REC. TEMP: 140.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: A. HALIM
WITNESSED BY: W. F. BARRETT

REMARKS:

TOOL RUN WITH 1.5 IN. RUBBER FIN STANDOFFS.
GR LOGGED TO SEABED.
BOTTOM HOLE TEMPERATURE RECORDED 139 DEGF AND 140 DEGF.

EQUIPMENT NUMBERS-

IRS-VA 812	IRC-QB 1725	SGC-JAA 1537	DRS-B 788
SRE-CB 1958	SLS-WA 1094	SLC-KB 1959	SLM-DA 1717
IEM-BD 805	MRM-AB 2876	NSM-A 2866	

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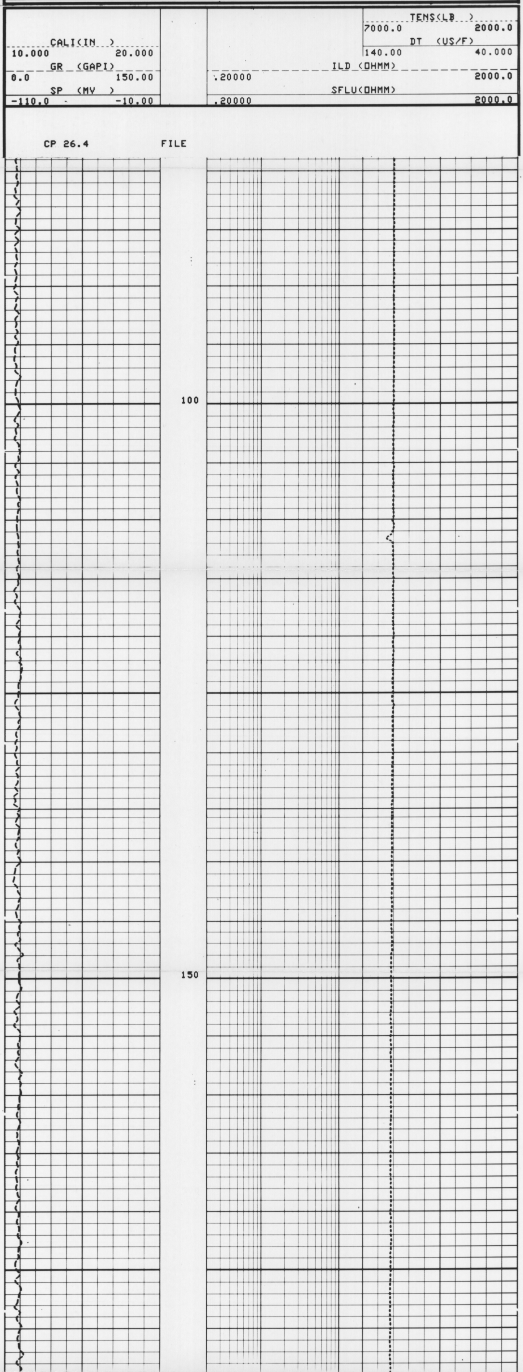
```
   CP 26.4           FILE    6

   SONI SUMM :
LMOD                    DT
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
FD    DISA              *
SGW         US    US    80 US
FMSG        US    US    260 US
NMSG        US    US    180 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
MODE                    BHC
ITTD                    NEIT

   CP 26.4           FILE    6
```

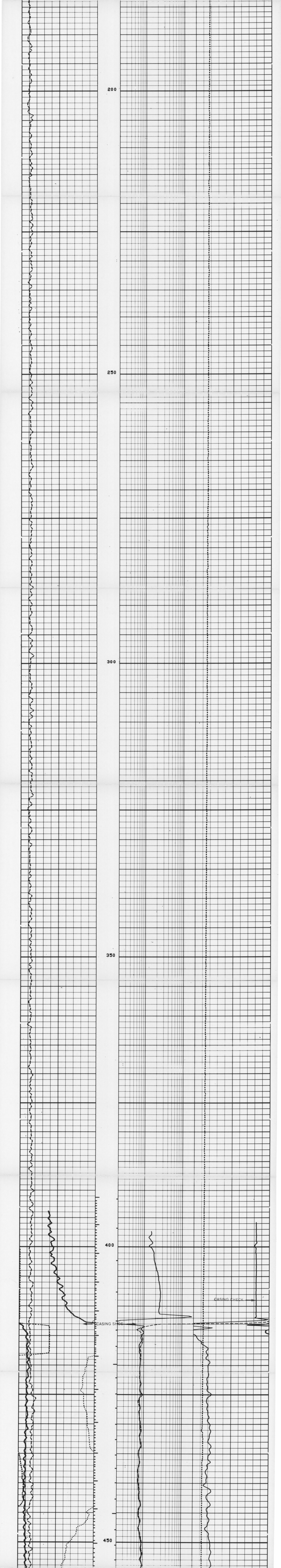
```
              AFTER SURVEY TOOL CHECK SUMMARY

  PERFORMED:      85/09/14
  PROGRAM FILE: ISN    (VERSION    26.4    84/09/19)

SRTB                      TOOL  CHECK

                ZERO                        PLUS
           BEFORE      AFTER         BEFORE      AFTER    UNITS
  CMSF       0.0         2.9         1000.0      991.9    MMHO
    I1       0.0        -2.7          200.0      336.2    MMHO

IRTQ                      TOOL  CHECK

                ZERO                        PLUS
           BEFORE      AFTER         BEFORE      AFTER    UNITS
   ILD       0.0         -.2          495.1      493.1    MMHO
   SFL       0.0         -.0          500.0      497.6    MMHO

ILD  SONDE ERROR CORRECTION :        3.9 MMHO

   CP 26.4           FILE    5
```

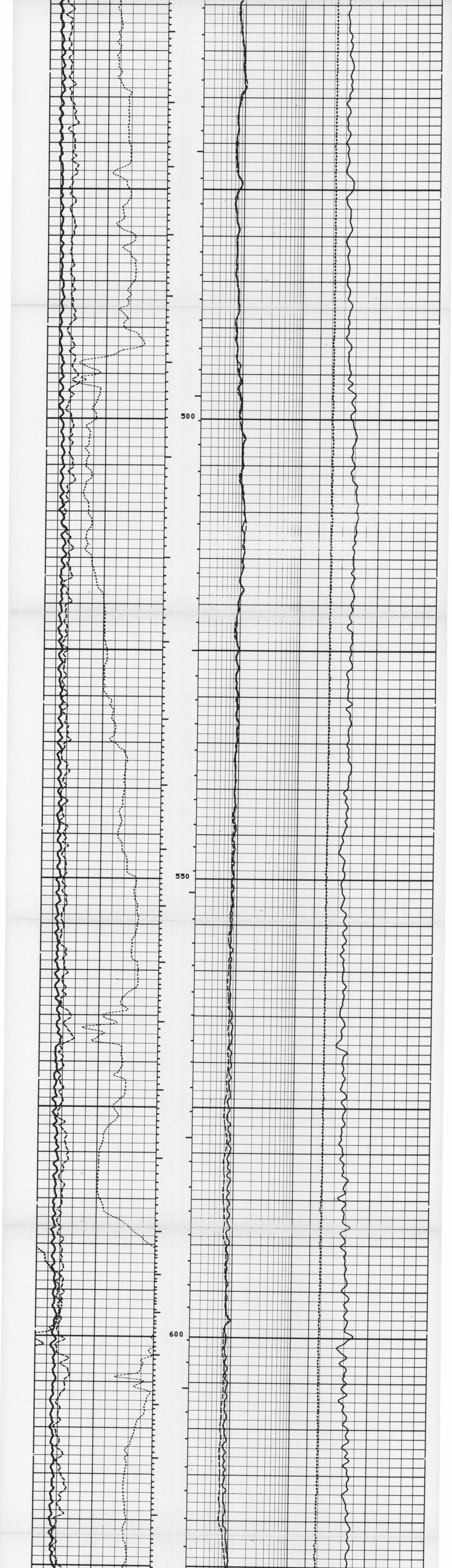
Schlumberger

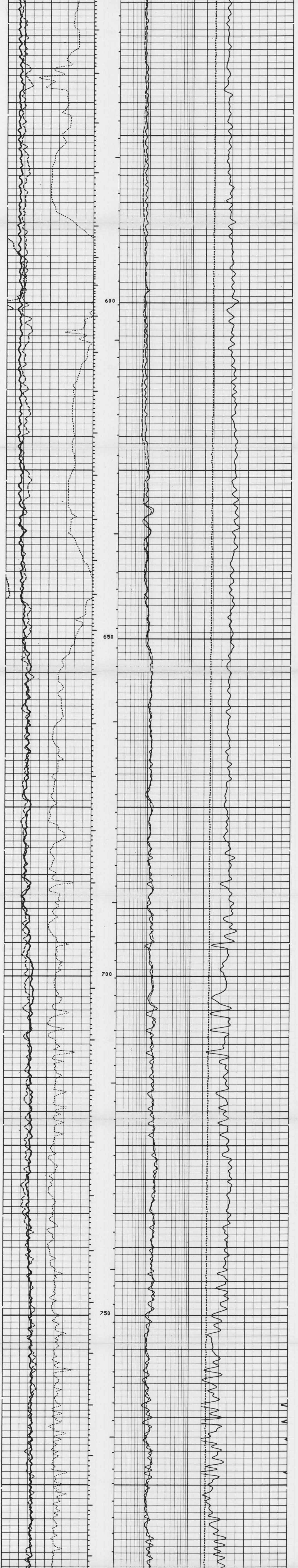
MAIN LOG

CSU Field Log





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700
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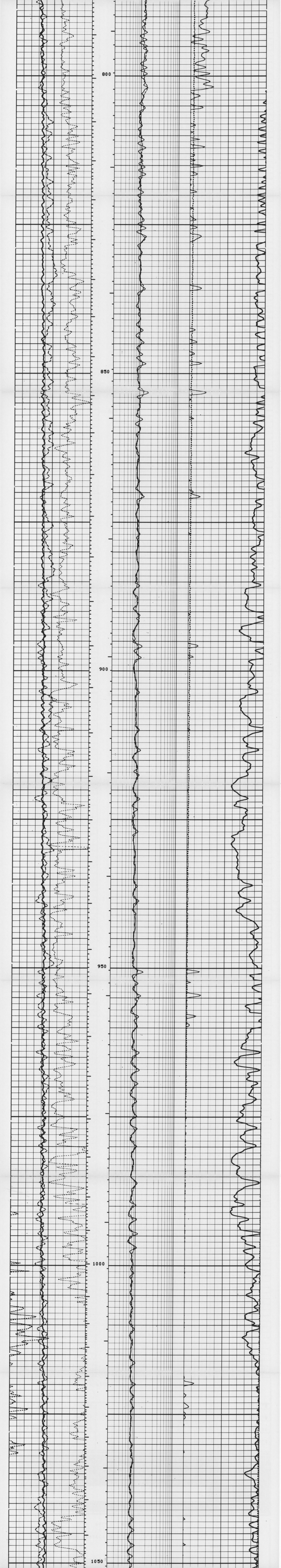
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850
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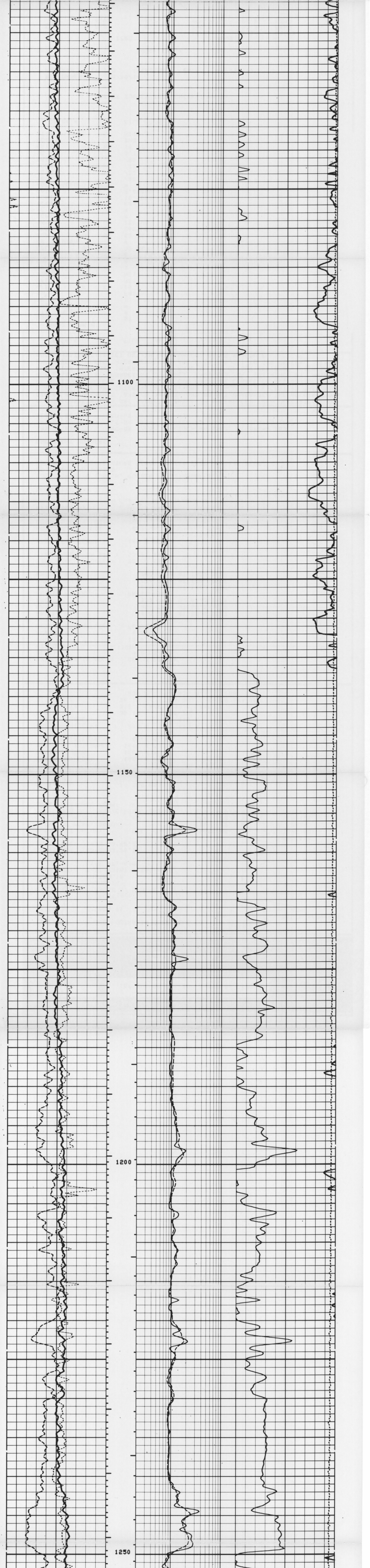
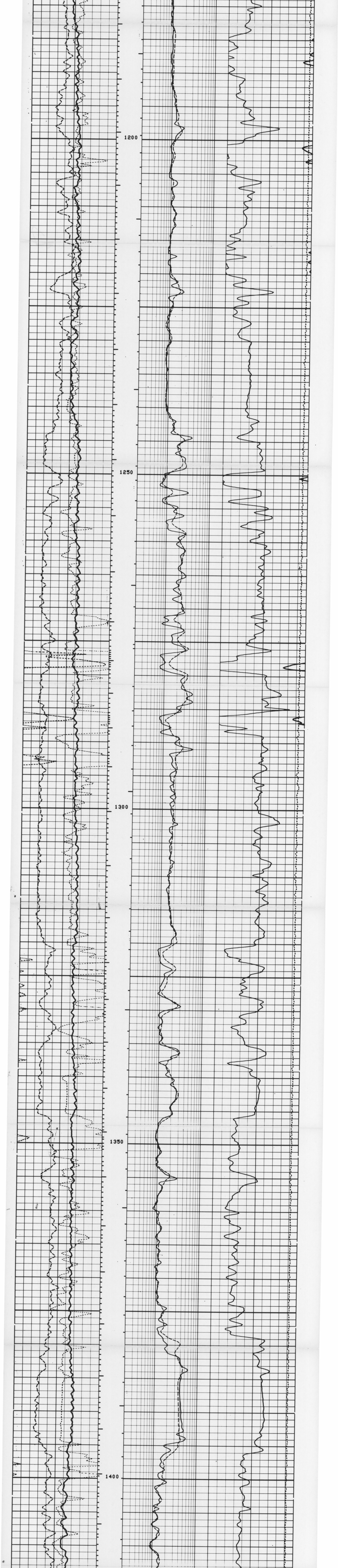
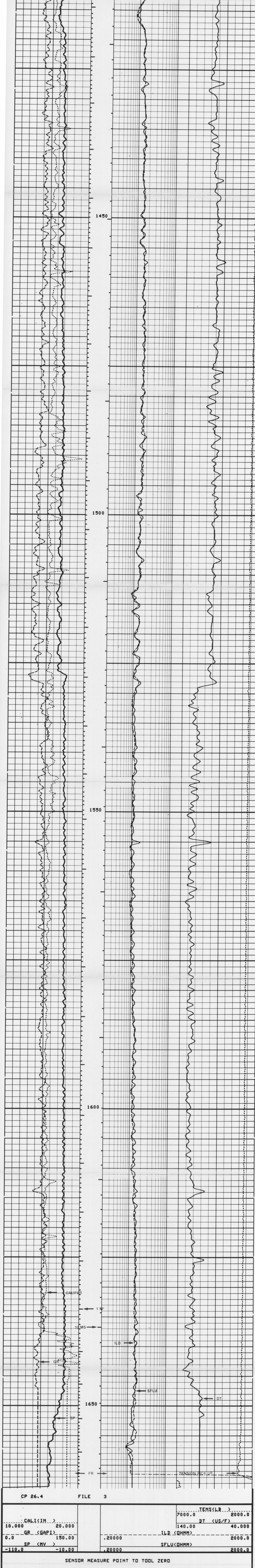
1000
1050


1100
1150
1200
1250





SENSOR MEASURE POINT TO TOOL ZERO

CBL	10.2	METER	AMPL	10.2	METER
TT3	9.1	METER	TT4	8.8	METER
TT1	9.9	METER	TT2	10.2	METER
GR	16.8	METER	SRAT	9.5	METER
ILD	2.0	METER	CALI	18.0	METER
SP	.1	METER	SFL	1.9	METER
TENS	.1	METER	SPAR	.1	METER
I1	17.9	METER	CMSF	17.9	METER
NOIS	7.7	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
BS	12.2500	IN			

Schlumberger

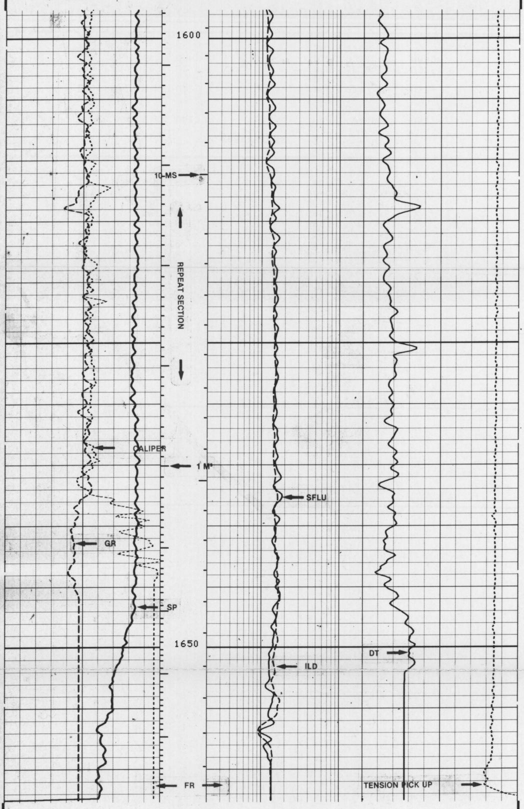
REPEAT SECTION

CSU Field Log

5 cm

TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
CALI(IN) 10.000 20.000
GR (GAPI) 0.0 150.00
SP (MV) -110.0 -10.00
ILD (OHMM) .20000 2000.0
SFLU(OHMM) .20000 2000.0

CP 26.4 FILE 2



CP 26.4 FILE 2

TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
CALI(IN) 10.000 20.000
GR (GAPI) 0.0 150.00
SP (MV) -110.0 -10.00
ILD (OHMM) .20000 2000.0
SFLU(OHMM) .20000 2000.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	10.2	METER	AMPL	10.2	METER
TT3	9.1	METER	TT4	8.8	METER
TT1	9.9	METER	TT2	10.2	METER
GR	16.8	METER	SRAT	9.5	METER
ILD	2.0	METER	CALI	18.0	METER
SP	.1	METER	SFL	1.9	METER
TENS	.1	METER	SPAR	.1	METER
I1	17.9	METER	CMSF	17.9	METER
NOIS	7.7	METER			

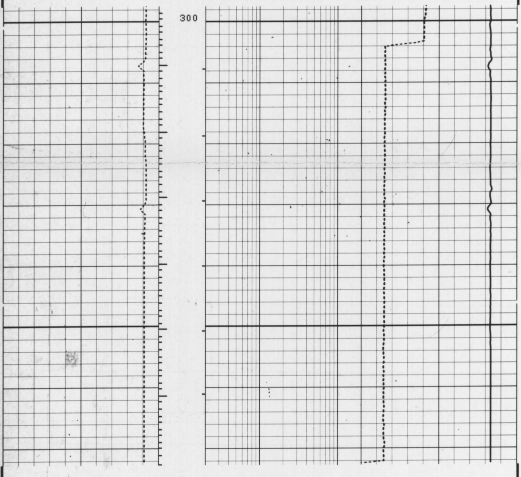
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
BS	12.2500	IN			

TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
CALI(IN) 10.000 20.000

CASING CHECK

CP 26.4 FILE 1



CP 26.4 FILE 1

TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
CALI(IN) 10.000 20.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	10.2	METER	AMPL	10.2	METER
TT3	9.1	METER	TT4	8.8	METER
TT1	9.9	METER	TT2	10.2	METER
GR	16.8	METER	SRAT	9.5	METER
ILD	2.0	METER	CALI	18.0	METER
SP	.1	METER	SFL	1.9	METER
TENS	.1	METER	SPAR	.1	METER
I1	17.9	METER	CMSF	17.9	METER
NOIS	7.7	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
BS	12.2500	IN			

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 85/09/14
PROGRAM FILE: ISN (VERSION 26.4 84/09/19)

SRTB ELECTRONICS CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	ZERO	PLUS	ZERO	PLUS	UNITS
CMSF	-4.6	987.5	0.0	1000.0	MMHO
I1	.9	75.7	0.0	200.0	MMHO

IRTQ ELECTRONICS CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	ZERO	PLUS	ZERO	PLUS	UNITS
ILD	-1.1	526.0	0.0	495.1	MMHO
SFL	-.1	539.5	0.0	500.0	MMHO

ILD SONDE ERROR CORRECTION : 3.9 MMHO

SGTE DETECTOR CALIBRATION SUMMARY

	MEASURED			
	BKGD	JIG	CALIBRATED	UNITS
GR	5	146	165	GAPI

SRTB CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
CALI	2.8	4.5	8.0	12.0	IN

CP 26.4 FILE 0

SHOP SUMMARY

PERFORMED: 85/09/15
PROGRAM FILE: SHOP (VERSION 26.4 84/09/19)

IRTQ ELECTRONICS CALIBRATION SUMMARY

	TEST LOOP CALIBRATION				TOOL CHECK		
	MEASURED		CALIBRATED		CALIBRATED		
	ZERO	PLUS	ZERO	PLUS	ZERO	PLUS	UNITS
ILD	-6.0	525.6	0.0	500.0	0.0	495.5	MMHO

ILD SONDE ERROR CORRECTION : 3.9 MMHO

(IS:812 , IC:1725)

Schlumberger

ISF-BHC-GR-CAL-SP SUITE #1 1/200

CSU Field Log

5 cm

OK-331A

Schlumberger

ISF-BHC-GR-CAL-SP SUITE #1 1/500

CSU Field Log

COMPANY: AMOCO AUSTRALIA PETROLEUM CO. 329604

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M. EPOCH
STATE: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50
SEC: TWP: RGE:
LATITUDE: 039D 53'36.96"S
LONGITUDE: 145D 58'42.2"

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 14 SEP 85
RUN NO: 1

OTHER SERVICES-
NONE

PROGRAM
TAPE NO:
26.4
SERVICE
ORDER NO:

(18)

DEPTH-DRILLER: 1661.8 M
DEPTH-LOGGER: 1661.0 M
BTM. LOG INTERVAL: 1661.0 M
TOP LOG INTERVAL: 80.0 M

CASING-DRILLER:	203 M	413 M	
CASING-LOGGER:		413 M	
CASING:	30 IN.	20 IN.	
WEIGHT:	310.0 LB/F	133.0 LB/F	
BIT SIZE:	36 IN.	26 IN.	12 1/4 IN.
DEPTH:	209 M	416 M	1661 M

TYPE FLUID IN HOLE: GEL / STARCH
DENSITY: 9.2 LB/G
VISCOSITY: 45.0 S
PH: 12.0
FLUID LOSS: 8.0 C3
SOURCE OF SAMPLE: FLOWLINE

RM: .415 OHMM AT 85.0 DEGF
RMF: .356 OHMM AT 65.0 DEGF
RMC: .535 OHMM AT 65.0 DEGF
SOURCE RMF/RMC: PRESS/PRESS
RM AT BHT: .259 OHMM AT 140. DEGF
RMF AT BHT: .174 OHMM AT 140. DEGF
RMC AT BHT: .262 OHMM AT 140. DEGF

TIME CIRC. STOPPED: 22:20 13/09
TIME LOGGER ON BTM.: 03:21 14/09

MAX. REC. TEMP: 140.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: A. HALIM
WITNESSED BY: W. F. BARRETT

5 cm

REMARKS:

TOOL RUN WITH 1.5 IN. RUBBER FIN STANDOFFS.
GR LOGGED TO SEABED.
BOTTOM HOLE TEMPERATURE RECORDED 139 DEGF AND 140 DEGF.

EQUIPMENT NUMBERS-

IRS-VA 812	IRC-QB 1725	SGC-JAA 1537	DRS-B 788
SRE-CB 1958	SLS-WA 1094	SLC-KB 1959	SLM-DA 1717
IEM-BD 805	MRM-AB 2876	NSM-A 2866	

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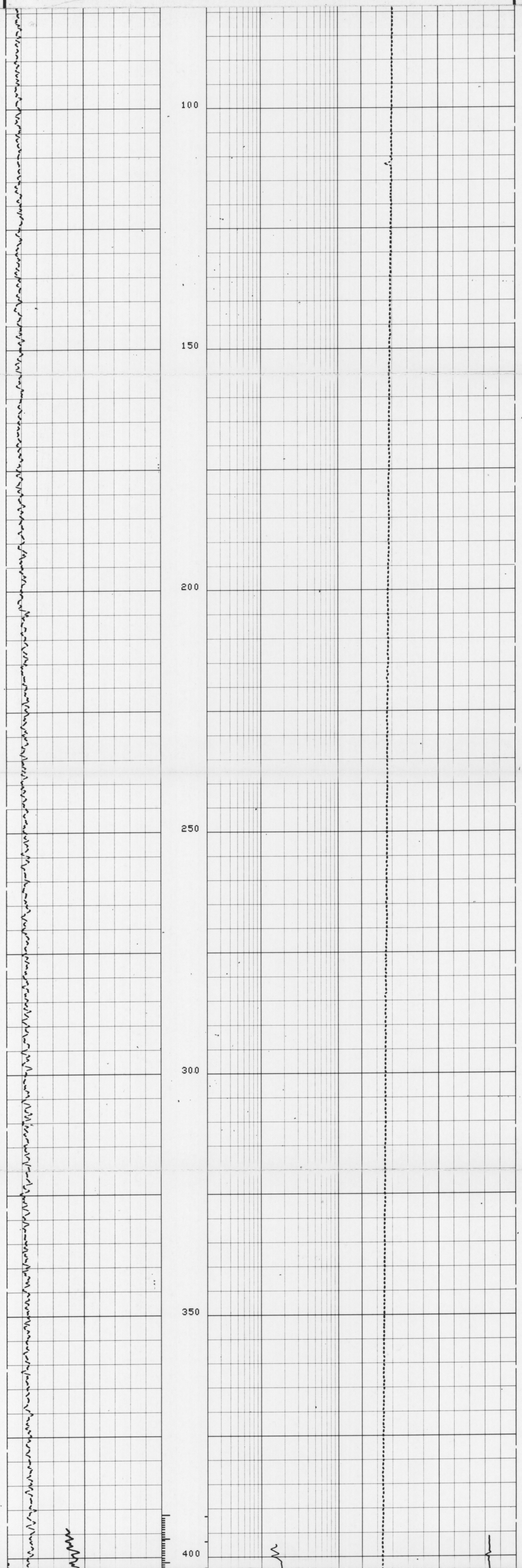
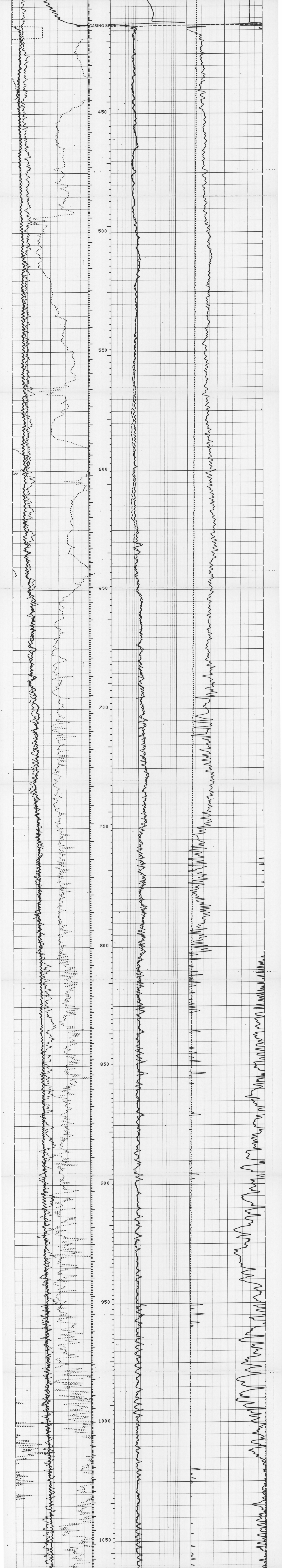
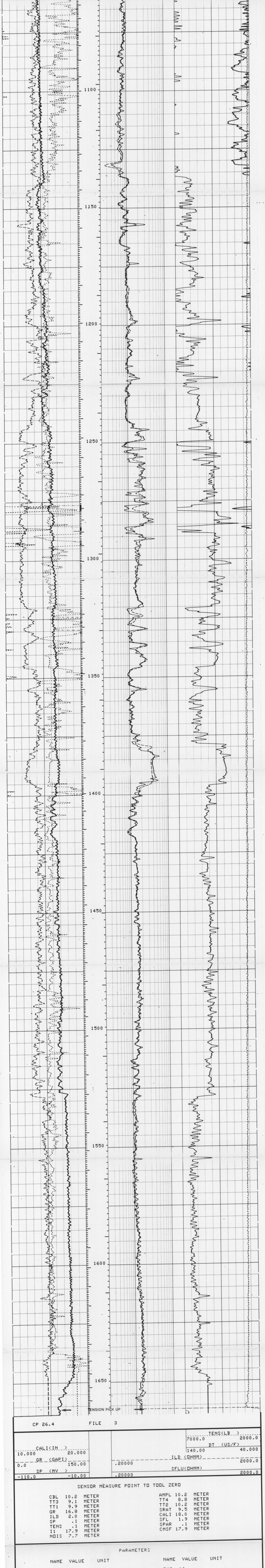
CP 26.4 FILE 6

TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
CALI(IN) 10.000 20.000
GR (GAPI) 0.0 150.00
ILD (OHMM) .20000 2000.0
SP (MV) -110.0 -10.00
SFLU(OHMM) .20000 2000.0

CP 26.4 FILE







SENSOR MEASURE POINT TO TOOL ZERO

CBL	10.2	METER	AMPL	10.2	METER
TT3	9.1	METER	TT4	8.8	METER
TT1	9.9	METER	TT2	10.2	METER
GR	16.8	METER	SRAT	9.5	METER
ILD	2.0	METER	CALI	18.0	METER
SP	.1	METER	SFL	1.9	METER
TENS	.1	METER	SPAR	.1	METER
I1	17.9	METER	CMSF	17.9	METER
NOIS	7.7	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
BS	12.2500	IN			

Schlumberger

ISF-BHC-GR-CAL-SP SUITE #1 1/500

CSU Field Log

5 cm

OR- 331A

Schlumberger

ISF-DDBHC-MSFL-GR-SP SUITE #2 1/500

CSU Field Log

COMPANY: AMOCO AUSTRALIA PETROLEUM CO. 329605

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M EPOC
SLAB: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 9 OCT 85
RUN NO: 2

OTHER SERVICES-
LDL-CNL-GR
HDT
WST
CST-GR

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

DEPTH-DRILLER:	3066.0 M		
DEPTH-LOGGER:	3070.0 M		
BTM. LOG INTERVAL:	3070.0 M		
TOP LOG INTERVAL:	1651.5 M		
CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3066.0 M

TYPE FLUID IN HOLE: F/WTR GEL POLYMER
DENSITY: 9.30 LB/G
VISCOSITY: 57.0 S
PH: 11.6
FLUID LOSS: 5.5 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .820 OHMM AT 110. DEGF
RMF: .921 OHMM AT 70.0 DEGF
RMC: 1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .463 OHMM AT 200. DEGF
RMF AT BHT: .343 OHMM AT 200. DEGF
RMC AT BHT: .413 OHMM AT 200. DEGF

TIME CIRC. STOPPED: 10:00 09/10
TIME LOGGER ON BTM.: 17:19 09/10

MAX. REC. TEMP: 200.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: A. HALIM / A. SUSANTO
WITNESSED BY: C. E. REVILLA

REMARKS:

TOOL RUN WITH 1.5 IN RUBBER FIN STANDOFFS.

CYCLE SKIPPINGS AT 2160M, 2105M, 1995M ARE DUE TO BAD HOLE CONDITIONS.

EQUIPMENT NUMBERS-

IRS-VA 812	IRC-QB 1725	SGC-JAA 1537	DRS-B 788
SRE-CB 1958	SLS-SC 251	SLC-KB 1959	SLM-DA 1717
IEM-BD 805	MRM-AB 2876	NSM-A 2866	

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CP 28.2 FILE 102 10-OCT-85 03:52
DATA ACQUIRED NA

Schlumberger

ISF-DDBHC-MSFL-GR-SP SUITE #2 1/500

CSU Field Log

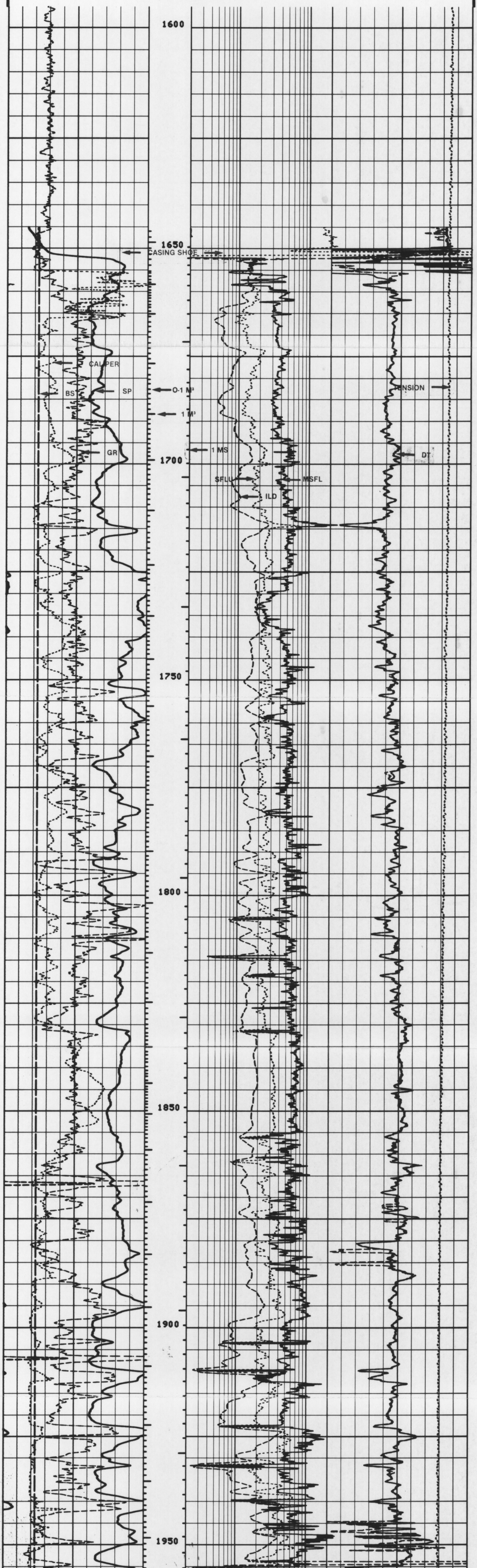
EVENT MARK SUMMARY:

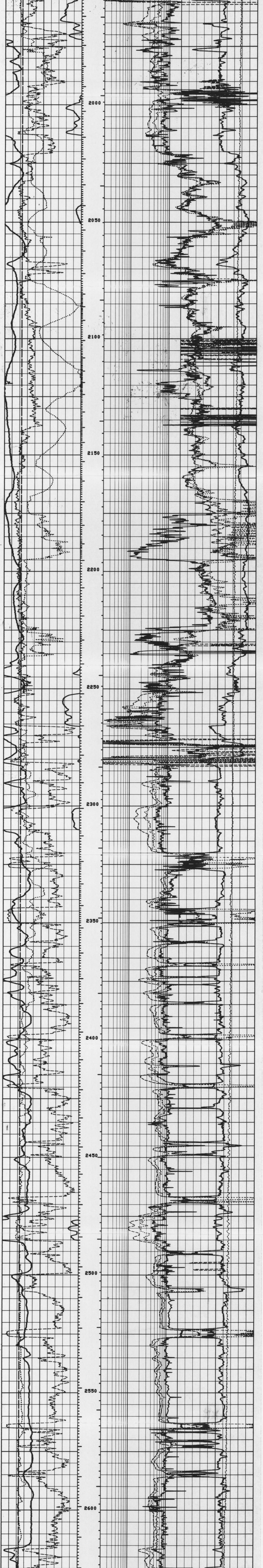
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	.100000 M3	LEFT EDGE
ITT	.00100000 S	RIGHT EDGE

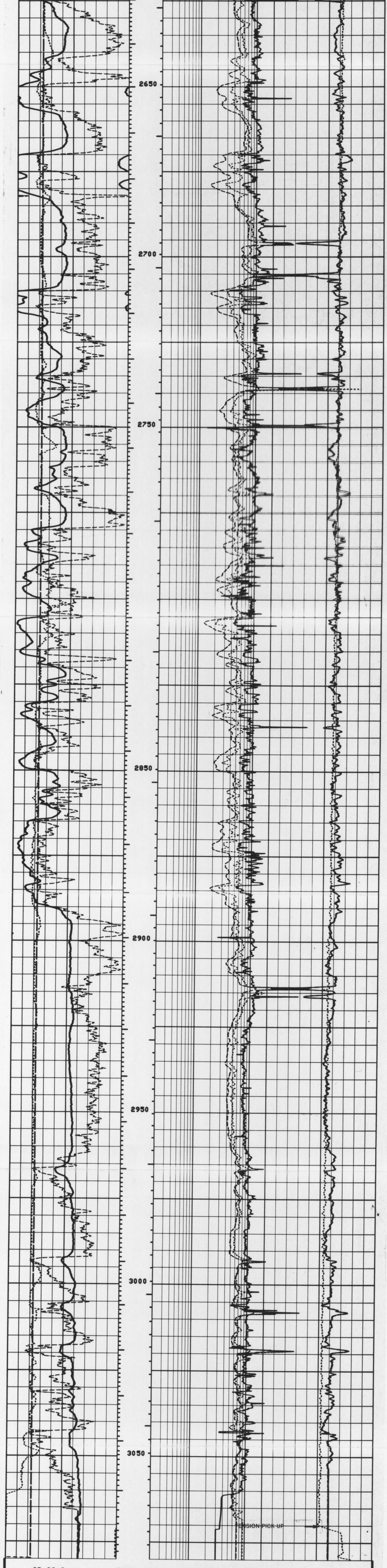
5 cm

BS (IN) 10.000 20.000
CALI(IN) 10.000 20.000
GR (GAPI) 0.0 150.00
SP (MV) -110.0 -10.00
DTL (US/F) 140.00 40.000
TENS(LB) 7000.0 2000.0
DT (US/F) 140.00 40.000
MSFL(OHMM) .20000 2000.0
ILD (OHMM) .20000 2000.0
SFLU(OHMM) .20000 2000.0

CP 28.2 FILE 102 10-OCT-85 03:45
DATA ACQUIRED NA







CP 28.2

FILE 102 10-OCT-85 03:32
DATA ACQUIRED NA

BS (IN)		DTL (US/F)	
10.000	20.000	140.00	40.000
CALI(IN)		TENS(LB)	
10.000	20.000	7000.0	2000.0
GR (GAPI)		DT (US/F)	
0.0	150.00	140.00	40.000
SP (MV)		MSFL(OHMM)	
-110.0	-10.00	.20000	2000.0
		ILD (OHMM)	
		.20000	2000.0
		SFLU(OHMM)	
		.20000	2000.0

SENSOR MEASURE POINT TO TOOL ZERO

SRAT	19.38	METER	AMPL	17.86	METER
TT1	18.16	METER	CBL	17.86	METER
TT3	17.86	METER	TT2	17.86	METER
T0	17.86	METER	TT4	17.55	METER
SLTT	17.86	METER	TT	17.86	METER
GR	14.15	METER	SCBL	17.86	METER
ILD	7.21	METER	CALI	.89	METER
SP	5.23	METER	SFL	7.06	METER
TENS	.10	METER	SPAR	5.23	METER
CMSF	.79	METER	I1	.86	METER
NOIS	.10	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	
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
DO	0.0	M	BS	12.2500	IN
PP	NORM				

TAPE NOT MADE

5 cm

Schlumberger

ISF-DDBHC-MSFL-GR-SP SUITE #2 1/200

CSU Field Log

OR-331A

COMPANY: AMOCO AUSTRALIA PETROLEUM CO. 329606

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M EPOC
SLAB: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

DATE: 9 OCT 85
RUN NO: 2

OTHER SERVICES-
LDL-CNL-GR
HDT
WST
CST-GR

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
DME851001

8

```
DEPTH-DRILLER:        3066.0 M
DEPTH-LOGGER:         3070.0 M
BTM. LOG INTERVAL:    3070.0 M
TOP LOG INTERVAL:     1651.5 M

CASING-DRILLER:        413.0 M      1651.0 M
CASING-LOGGER:         413.0 M      1651.5 M
CASING:               20 IN.       13 3/8 IN.
   WEIGHT:            133.000 LB/F 68.0000 LB/F
BIT SIZE:             26 IN.       17 1/2 IN.    12 1/4 IN.
   DEPTH:              416.0 M      1661.0 M      3066.0 M
```

```
TYPE FLUID IN HOLE:   F/WTR GEL POLYMER
DENSITY:               9.30 LB/G
VISCOSITY:            57.0 S
PH:                   11.6
FLUID LOSS:            5.5 C3
SOURCE OF SAMPLE:     FLOWLINE
RM:                     .820 OHMM AT 110. DEGF
RMF:                    .921 OHMM AT 70.0 DEGF
RMC:                   1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:       PRESS /PRESS
RM AT BHT:              .463 OHMM AT 200. DEGF
RMF AT BHT:             .343 OHMM AT 200. DEGF
RMC AT BHT:             .413 OHMM AT 200. DEGF

TIME CIRC. STOPPED:   10:00 09/10
TIME LOGGER ON BTM.:  17:19 09/10

MAX. REC. TEMP:       200.0 DEGF

LOGGING UNIT NO:       822
LOGGING UNIT LOC:     VEA
RECORDED BY:          A. HALIM / A. SUSANTO
WITNESSED BY:         C. E. REVILLA
```

REMARKS:

TOOL RUN WITH 1.5 IN RUBBER FIN STANDOFFS.
CYCLE SKIPPINGS AT 2565M , 2540M REPEATED AND REPEAT LOG ATTACHED.
CYCLE SKIPPINGS AT 2160M, 2105M, 1995M ARE DUE TO BAD HOLE CONDITIONS.

5 cm

EQUIPMENT NUMBERS-

```
IRS-VA 812       IRC-QB 1725      SGC-JAA 1537     DRS-B 788
SRE-CB 1958      SLS-SC 251       SLC-KB 1959      SLM-DA 1717
IEM-BD 805       MRM-AB 2876      NSM-A 2866
```

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       10-OCT-85 03:50
                      DATA ACQUIRED         NA


                 AFTER SURVEY TOOL CHECK SUMMARY


   PERFORMED:     09-OCT-85 20:48
   PROGRAM FILE: DDBHC  (VERSION    28.2    85/07/10)


 IRTQ                     TOOL  CHECK

                   ZERO                        PLUS
             BEFORE        AFTER         BEFORE      AFTER      UNITS
    ILD        0.0            .2          495.2       493.2     MMHO
    SFL        0.0           -.3          500.0       500.5     MMHO

 ILD SONDE ERROR CORRECTION :          3.9 MMHO


 SRTB                     TOOL  CHECK

                   ZERO                        PLUS
             BEFORE        AFTER         BEFORE      AFTER      UNITS
   CMSF        0.0            .1         1000.0       984.2     MMHO
     I1        0.0          -1.1          200.0       334.3     MMHO

    CP 28.2             FILE    8       09-OCT-85 20:48
```

```
   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                  32.0000
 GAIN                  2.00000
 AGC    ALLO           *
 DG4W                  /20
 DG3W                  /20
 DG2W                  /20
 DG1W                  /20
 DG                    /1
 RATE        HZ   HZ   15 HZ
 TOA    DISA           *
 RPS                   LONG
 MODE                  DDBH

    CP 28.2            FILE    7       09-OCT-85 20:45
```

Schlumberger

MAIN LOG

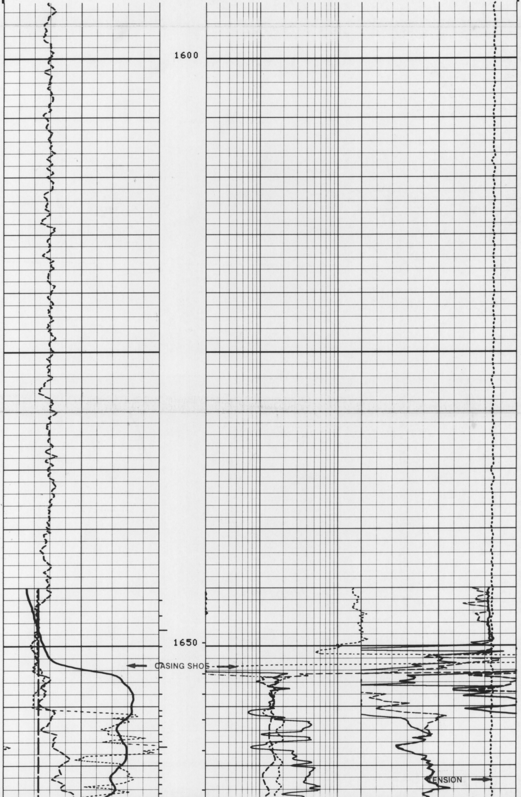
CSU Field Log

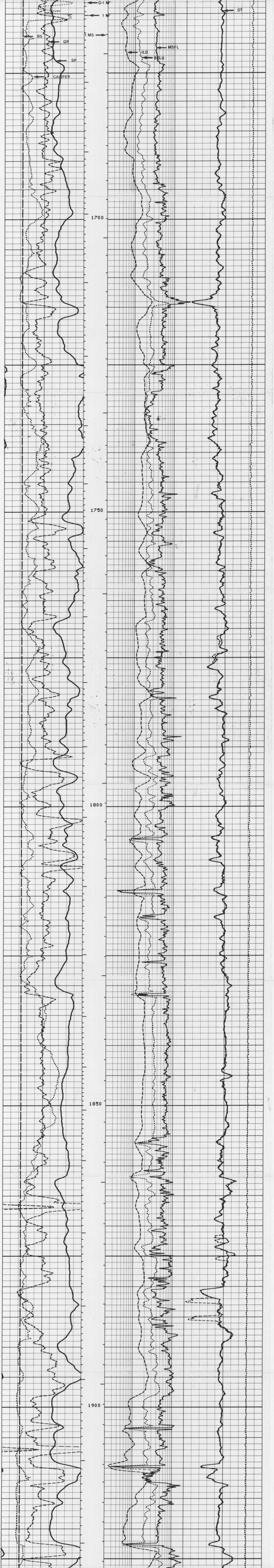
EVENT MARK SUMMARY:

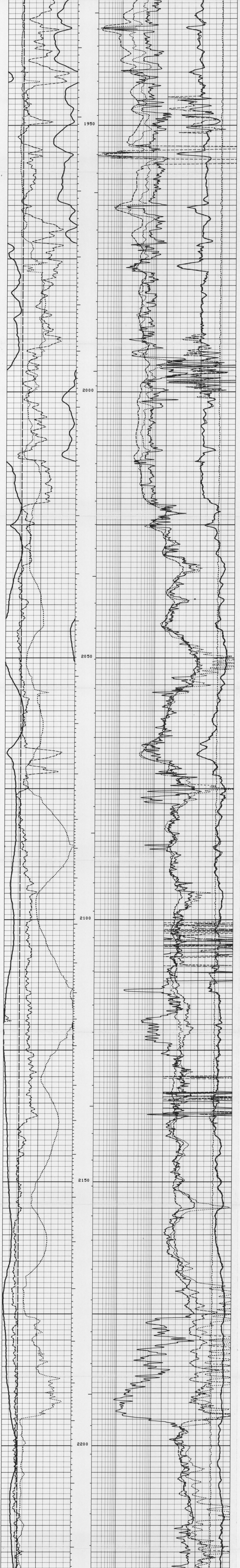
```
OUTPUT  INTERVAL        DEPTH TRACK
        BETWEEN PIPS    EDGE

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

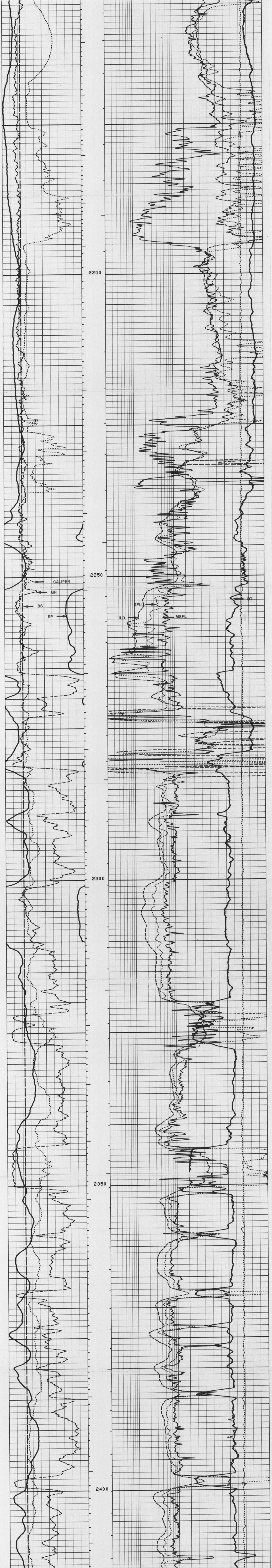
```
                                                       DTL (US/F)
                                             140.00               40.000
                                                       TENS(LB  )
                                             7000.0               2000.0
       BS  (IN  )                                      DT   (US/F)
10.000          20.000                       140.00               40.000
       CALI(IN  )                                     MSFL(OHMM)
10.000          20.000        .20000                              2000.0
       GR  (GAPI)                                     ILD (OHMM)
0.0             150.00        .20000                              2000.0
       SP  (MV  )                                     SFLU(OHMM)
-110.0          -10.00        .20000                              2000.0
```

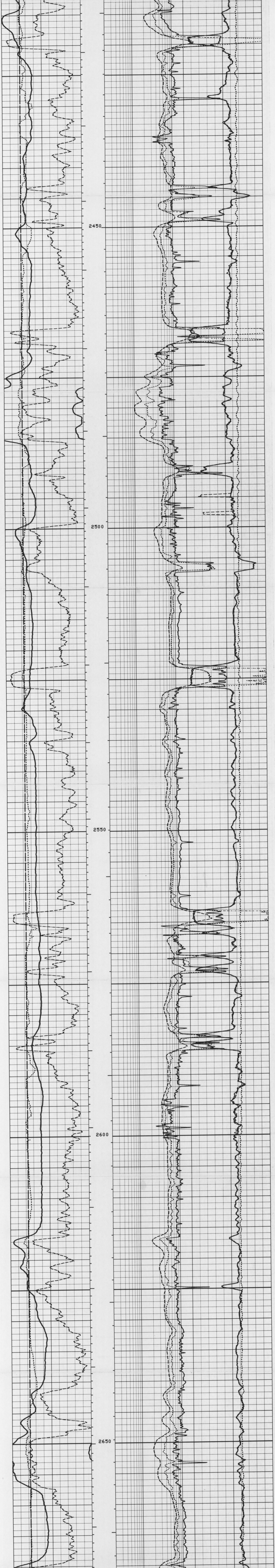
```
    CP 28.2            FILE  102       10-OCT-85 03:45
                       DATA ACQUIRED         NA
```

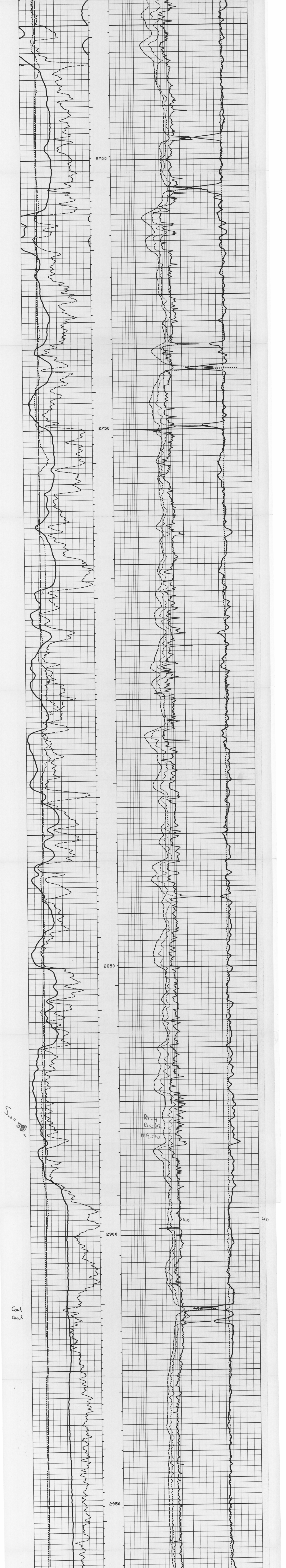


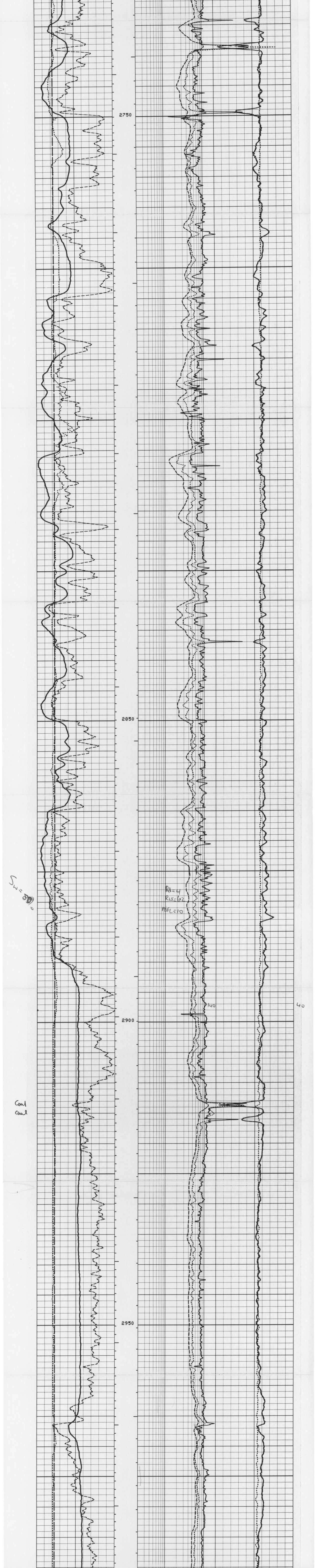


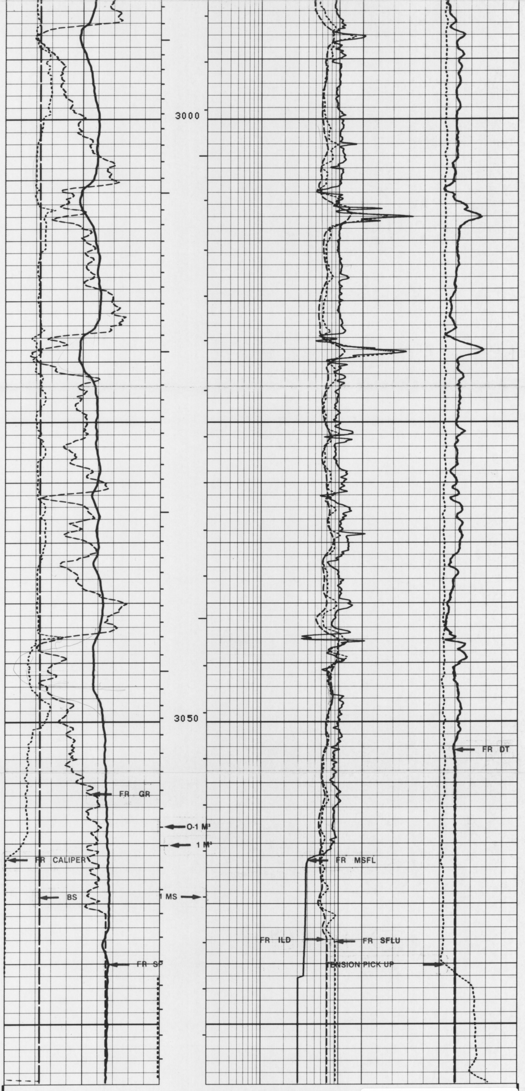



2200
2250
CALIPER
GR
BS
SP
SFLU
ILD
MSFL
DT
2300
2350
2400


2450
2500
2550
2600
2650


2700
2750
2850
Sw = 80%
Rd=4
RLS=62
MSFL=10
140
40
2900
Coal
coal
2950





CP 28.2 FILE 102 10-OCT-85 03:32
DATA ACQUIRED NA

5 cm

DTL (US/F)	
140.00	40.000
TENS(LB)	
7000.0	2000.0
DT (US/F)	
140.00	40.000
BS (IN)	
10.000	20.000
CALI(IN)	
10.000	20.000
GR (GAPI)	
0.0	150.00
SP (MV)	
-110.0	-10.00
MSFL(OHMM)	
.20000	2000.0
ILD (OHMM)	
.20000	2000.0
SFLU(OHMM)	
.20000	2000.0

SENSOR MEASURE POINT TO TOOL ZERO

SRAT	19.38	METER	AMPL	17.86	METER
TT1	18.16	METER	CBL	17.86	METER
TT3	17.86	METER	TT2	17.86	METER
T0	17.86	METER	TT4	17.55	METER
SLTT	17.86	METER	TT	17.86	METER
GR	14.15	METER	SCBL	17.86	METER
ILD	7.21	METER	CALI	.89	METER
SP	5.23	METER	SFL	7.06	METER
TENS	.10	METER	SPAR	5.23	METER
CMSF	.79	METER	I1	.86	METER
NOIS	.10	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	
SBR	1.00000	OHMM	DSEC	3.90000	MMHO
BHS	OPEN		SPT	STAN	
DO	0.0	M	BS	12.2500	IN
PP	NORM				

TAPE NOT MADE

Schlumberger

REPEAT SECTION

CSU Field Log

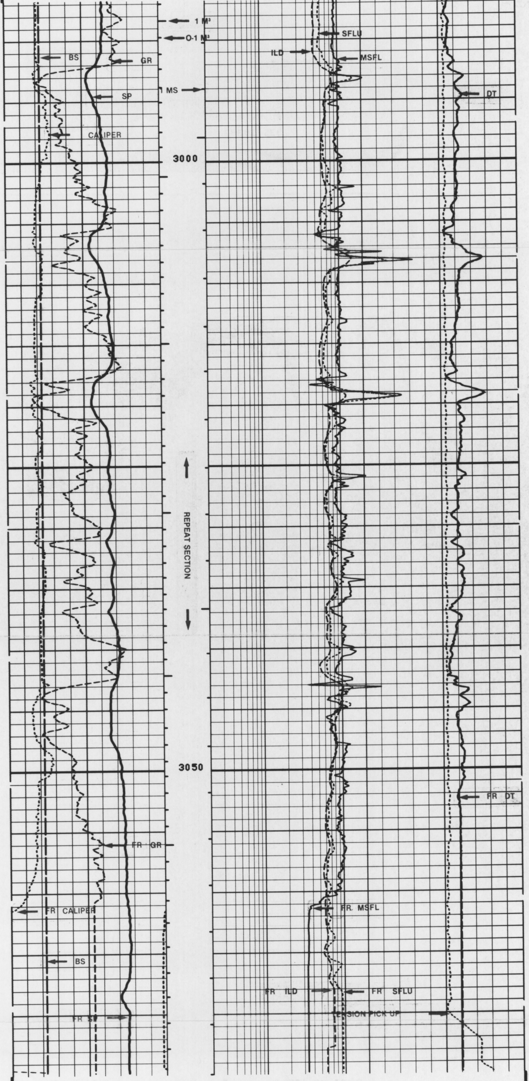
EVENT MARK SUMMARY:

OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	.100000 M3	LEFT EDGE
ITT	.00100000 S	RIGHT EDGE

DTL (US/F)	
140.00	40.000
TENS(LB)	
7000.0	2000.0
DT (US/F)	
140.00	40.000
BS (IN)	
10.000	20.000
CALI(IN)	
10.000	20.000
GR (GAPI)	
0.0	150.00
SP (MV)	
-110.0	-10.00
MSFL(OHMM)	
.20000	2000.0
ILD (OHMM)	
.20000	2000.0
SFLU(OHMM)	
.20000	2000.0

← REPEAT SECTION →

CP 28.2 FILE 3 09-OCT-85 17:33
DATA ACQUIRED 09-OCT-85 17:29



CP 28.2 FILE 3 09-OCT-85 17:32
DATA ACQUIRED 09-OCT-85 17:19

```
                                              DTL (US/F)
                                       140.00           40.000
                                              TENS(LB  )
                                       7000.0           2000.0
      BS  (IN  )                              DT  (US/F)
10.000          20.000                 140.00           40.000
      CALI(IN  )                    MSFL(OHMM)
10.000          20.000       .20000                     2000.0
      GR  (GAPI)                    ILD (OHMM)
0.0             150.00       .20000                     2000.0
      SP  (MV  )                    SFLU(OHMM)
-110.0          -10.00       .20000                     2000.0
```

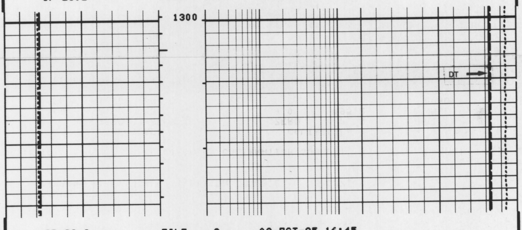
```
                SENSOR MEASURE POINT TO TOOL ZERO

        SRAT 19.38 METER                AMPL 17.86 METER
        TT1  18.16 METER                CBL  17.86 METER
        TT3  17.86 METER                TT2  17.86 METER
        TO   17.86 METER                TT4  17.55 METER
        SLTT 17.86 METER                TT   17.86 METER
        GR   14.15 METER                SCBL 17.86 METER
        ILD   2.08 METER                CALI  8.66 METER
        SP     .10 METER                SFL   1.93 METER
        TENS   .10 METER                SPAR   .10 METER
        CMSF  8.56 METER                I1    8.64 METER
        NOIS   .10 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
      SBR  1.00000      OHMM             DSEC 3.90000      MMHO
      BHS  OPEN                          SPT  STAN
      DO   -3.00000     M                BS   12.2500      IN
      PP   NORM

                        TAPE NOT MADE
```

```
                                              DTL (US/F)
                                       140.00           40.000
      BS  (IN  )                              TENS(LB  )
10.000          20.000                 7000.0           2000.0
      CALI(IN  )                              DT  (US/F)
10.000          20.000                 140.00           40.000
```

← CASING CHECK →　　← CASING CHECK →

```
  CP 28.2          FILE    2      09-OCT-85 16:47
```



```
  CP 28.2          FILE    2      09-OCT-85 16:45
```

```
                                              DTL (US/F)
                                       140.00           40.000
      BS  (IN  )                              TENS(LB  )
10.000          20.000                 7000.0           2000.0
      CALI(IN  )                              DT  (US/F)
10.000          20.000                 140.00           40.000
```

```
                SENSOR MEASURE POINT TO TOOL ZERO

        SRAT 19.38 METER                AMPL 17.86 METER
        TT1  18.16 METER                CBL  17.86 METER
        TT3  17.86 METER                TT2  17.86 METER
        TO   17.86 METER                TT4  17.55 METER
        SLTT 17.86 METER                TT   17.86 METER
        GR   14.15 METER                SCBL 17.86 METER
        ILD   2.08 METER                CALI  8.66 METER
        SP     .10 METER                SFL   1.93 METER
        TENS   .10 METER                SPAR   .10 METER
        CMSF  8.56 METER                I1    8.64 METER
        NOIS   .10 METER
```

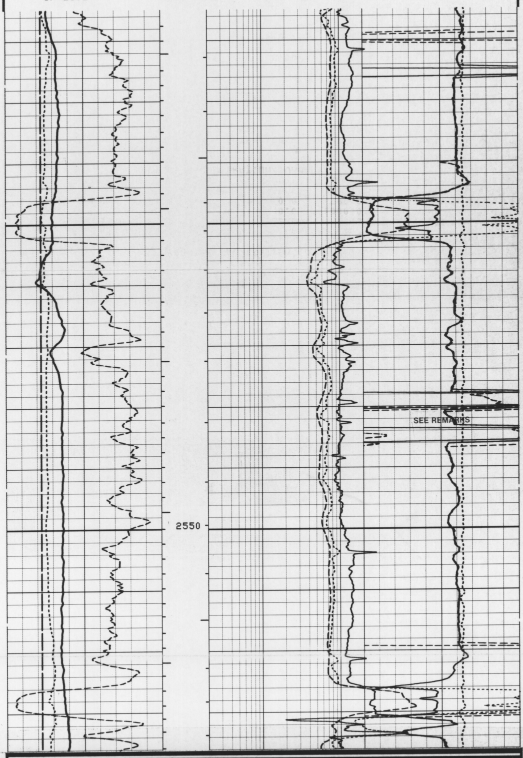
```
                          PARAMETERS

      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
      SBR  1.00000      OHMM             DSEC 3.90000      MMHO
      BHS  OPEN                          SPT  STAN
      BS   12.2500      IN
```

```
              BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      09-OCT-85 16:27
  PROGRAM FILE: DDBHC  (VERSION     28.2    85/07/10)

IRTQ                ELECTRONICS CALIBRATION SUMMARY

           MEASURED                         CALIBRATED
         ZERO    PLUS                     ZERO      PLUS          UNITS
   ILD   -2.02   521.1                    0.0       495.2          MMHO
   SFL   -1.18   537.5                    0.0       500.0          MMHO

ILD SONDE ERROR CORRECTION :          3.9 MMHO


SRTB                ELECTRONICS CALIBRATION SUMMARY

           MEASURED                         CALIBRATED
         ZERO    PLUS                     ZERO      PLUS          UNITS
  CMSF     .5    952.5                    0.0      1000.0         MMHO
    I1    3.6     76.4                    0.0       200.0         MMHO

SGTE                DETECTOR CALIBRATION SUMMARY

           MEASURED
         BKGD     JIG          CALIBRATED           UNITS
    GR    14      156             165               GAPI

SRTB                CALIPER CALIBRATION SUMMARY

           MEASURED                         CALIBRATED
         SMALL   LARGE                    SMALL     LARGE         UNITS
  CALI   3.85     6.3                     8.00      12.0           IN

   CP 28.2          FILE    1      09-OCT-85 16:27
```

```
              SHOP SUMMARY


  PERFORMED:       85/09/15
  PROGRAM FILE: SHOP   (VERSION    26.4    84/09/19)

IRTQ                ELECTRONICS CALIBRATION SUMMARY

           TEST LOOP CALIBRATION              TOOL CHECK
      MEASURED           CALIBRATED           CALIBRATED
       ZERO     PLUS     ZERO      PLUS      ZERO      PLUS    UNITS
  ILD  -6.0     525.6    0.0       500.0     0.0       495.5   MMHO
ILD  SONDE ERROR CORRECTION :          3.9 MMHO

                    (IS:812 , IC:1725)
```

← SEE REMARKS →

```
   CP 28.2          FILE    5      09-OCT-85 18:38
```



Schlumberger

ISF-DDBHC-MSFL-GR-SP SUITE #2 1/200

CSU Field Log

5 cm

OR-331A

Schlumberger

HDT SUITE #2 1/200

CSU Field Log

329C07

COMPANY: AMOCO AUSTRALIA PETROLEUM CO.
WELL: TILANA #1
FIELD: WILDCAT
RIG : DIAMOND M EPOC
STATE: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50
SEC: TWP: RGE:
LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

OTHER SERVICES-
ISF-DDBHC-MS
LDL-CNL-GR
WST
CST-GR

PROGRAM
TAPE NO:
26.4
SERVICE
ORDER NO:
DME851001

DATE: 10 OCT 85
RUN NO: 1

②

DEPTH-DRILLER:	3066.0 M		
DEPTH-LOGGER:	3070.0 M		
BTM. LOG INTERVAL:	3070.0 M		
TOP LOG INTERVAL:	1651.5 M		
CASING-DRILLER:	413 M	1651 M	
CASING-LOGGER:	413 M	1651 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.0 LB/F	68.00 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416 M	1661 M	3066 M

TYPE FLUID IN HOLE:	F/WTR GEL POLYMER
DENSITY:	9.3 LB/G
VISCOSITY:	57.0 S
PH:	11.6
FLUID LOSS:	5.5 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	.820 OHMM AT 110. DEGF
RMF:	.921 OHMM AT 70.0 DEGF
RMC:	1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:	PRESS /PRESS
RM AT BHT:	.413 OHMM AT 225. DEGF
RMF AT BHT:	.305 OHMM AT 225. DEGF
RMC AT BHT:	.368 OHMM AT 225. DEGF
TIME CIRC. STOPPED:	10:00 09/10
TIME LOGGER ON BTM.:	9:38 10/10
MAX. REC. TEMP:	225.0 DEGF
LOGGING UNIT NO:	822
LOGGING UNIT LOC:	VEA
RECORDED BY:	A. HALIM / A. SUSANTO
WITNESSED BY:	C. E. REVILLA

REMARKS:

TOOL RUN CENTRALIZED.

EQUIPMENT NUMBERS-

HDE-F 763 HDM-LB 856 HDS-F 2343 DAM-A 1769

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CP 26.4 FILE 7
DATA ACQUIRED 00- -00 00:00

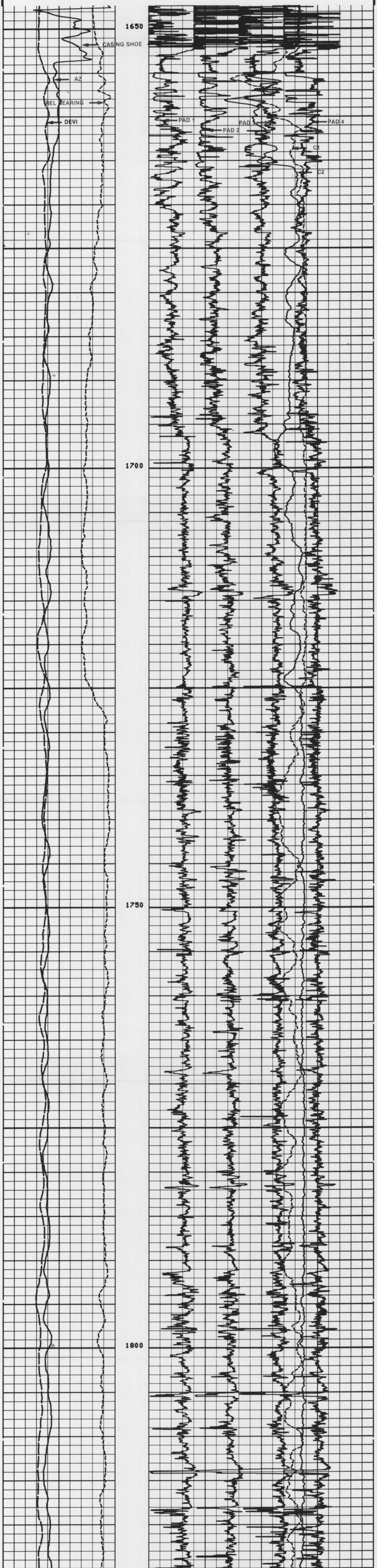
HOLE VOLUME = 3827.14 F3
FROM 2850.0 TO 1647.2 METE

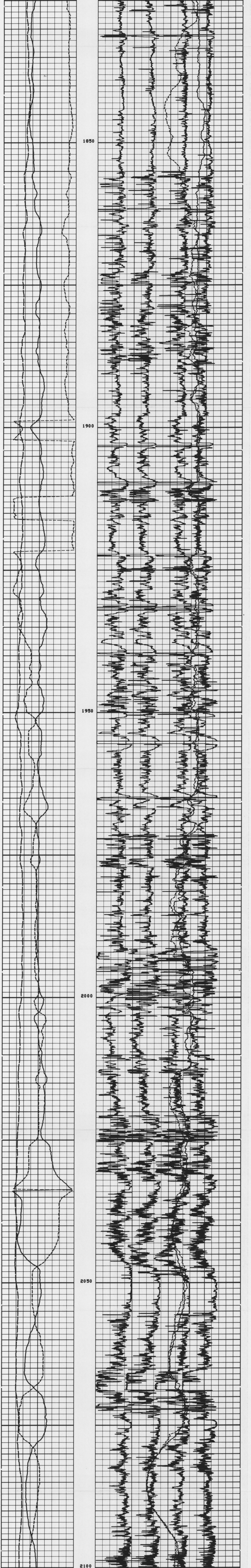
5 cm

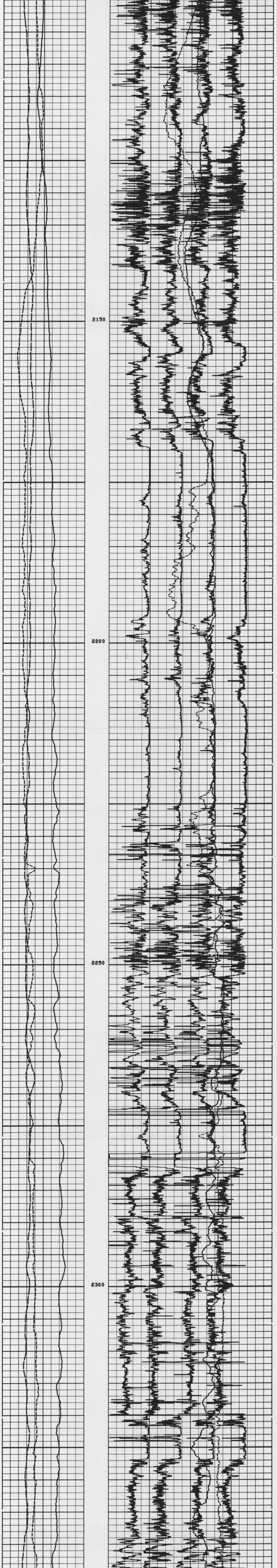
DEVI(DEG)		
-1.000		9.0000
RB (DEG)		
-40.00		360.00
AZIM(DEG)		
-40.00		360.00

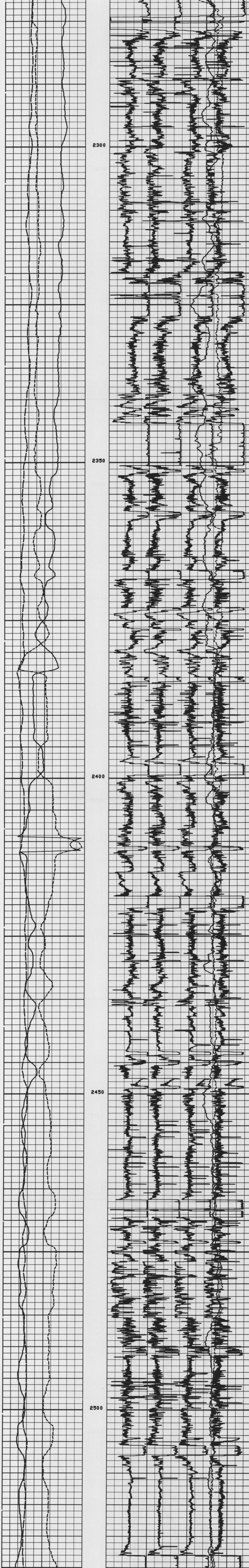
C2 (IN)		
26.000		6.0000
C1 (IN)		
26.000		6.0000

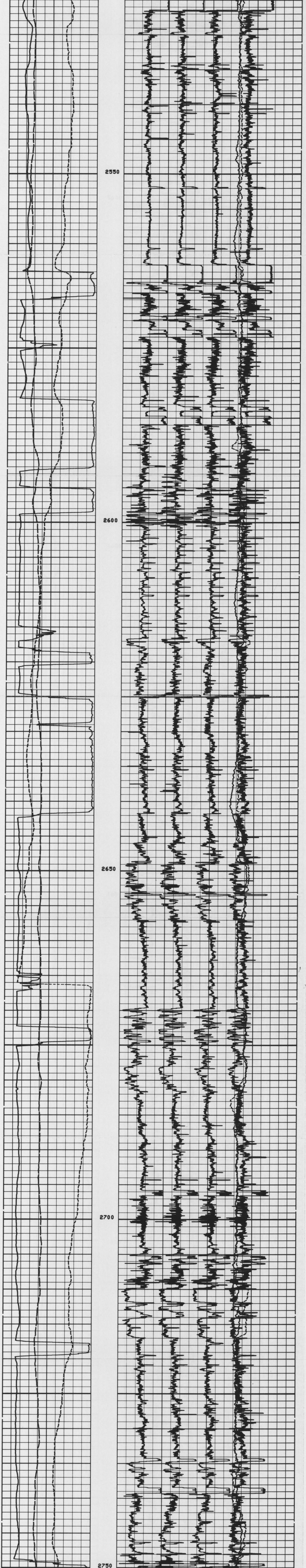
CP 26.4 FILE 5

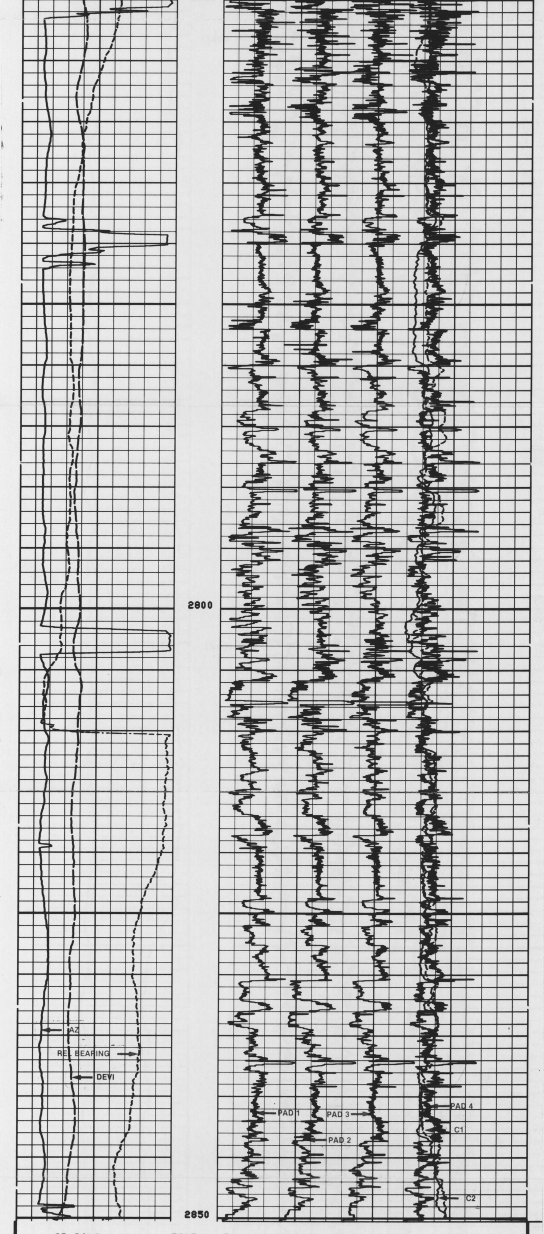












CP 26.4 FILE 5

DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

SENSOR MEASURE POINT TO TOOL ZERO

RB	0.0	METER	AZIM	0.0	METER
FEP1	0.0	METER	DEVI	0.0	METER
REFE	0.0	METER	FEP2	0.0	METER
EMEX	0.0	METER	RC	0.0	METER
C2	0.0	METER	C1	0.0	METER
RC2	0.0	METER	RC1	0.0	METER
TEMP	0.0	METER	PP	0.0	METER
FC0	0.0	METER	TENS	0.0	METER
FC2	0.0	METER	FC1	0.0	METER
FC4	0.0	METER	FC3	0.0	METER
SHDT	0.0	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MDEC	0	DEG	PVUM	1.00000	
STYP	HDSF		MCT	72	DEG
BS	12.2500	IN	BHS	OPEN	

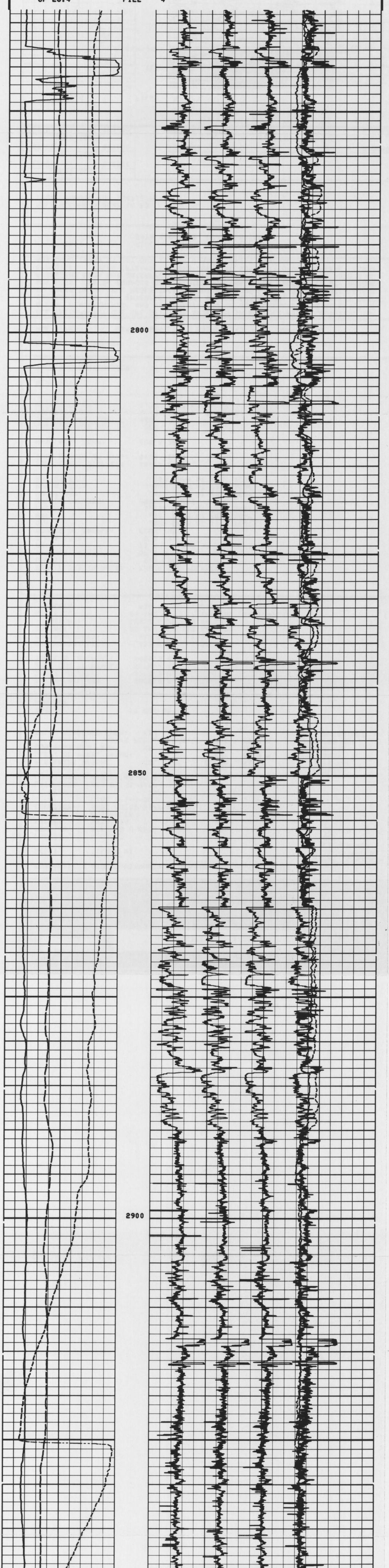
HOLE VOLUME = 866.401 F3
FROM 3073.4 TO 2763.4 METE

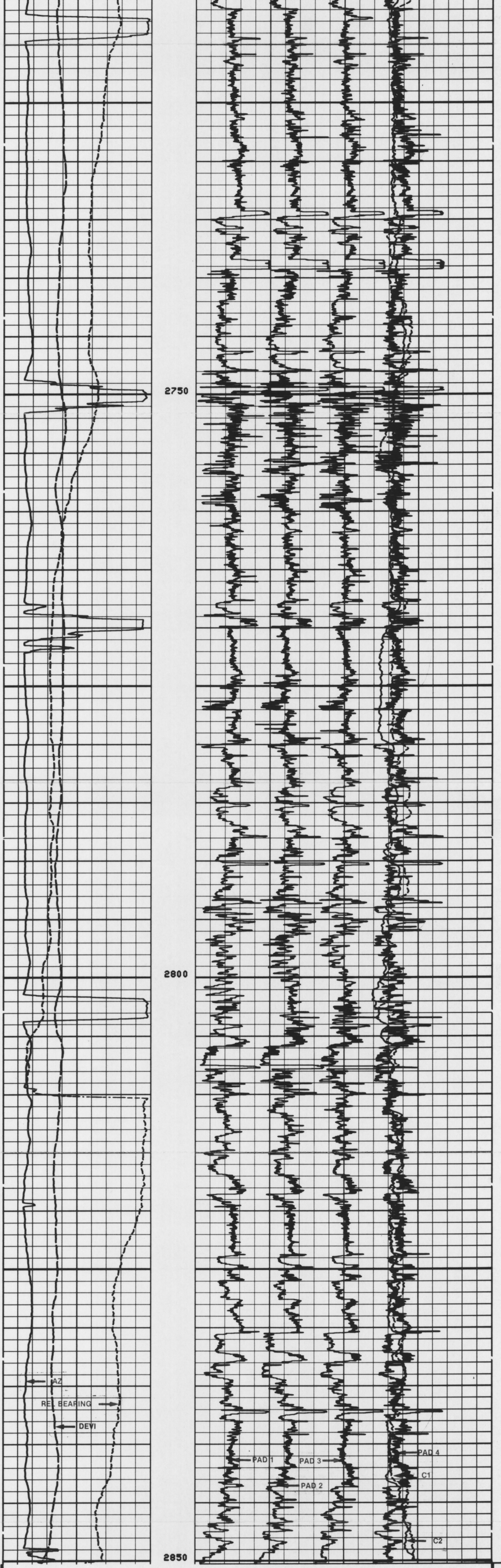
5 cm

DEVI(DEG)
-1.000 9.0000
RB (DEG)
-40.00 360.00
AZIM(DEG)
-40.00 360.00

C2 (IN)
26.000 6.0000
C1 (IN)
26.000 6.0000

CP 26.4 FILE 4





CP 26.4   FILE   5

DEVI(DEG)			
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

SENSOR MEASURE POINT TO TOOL ZERO

RB	0.0	METER	AZIM	0.0	METER
FEP1	0.0	METER	DEVI	0.0	METER
REFE	0.0	METER	FEP2	0.0	METER
EMEX	0.0	METER	RC	0.0	METER
C2	0.0	METER	C1	0.0	METER
RC2	0.0	METER	RC1	0.0	METER
TEMP	0.0	METER	PP	0.0	METER
FC0	0.0	METER	TENS	0.0	METER
FC2	0.0	METER	FC1	0.0	METER
FC4	0.0	METER	FC3	0.0	METER
SHDT	0.0	METER			

PARAMETERS

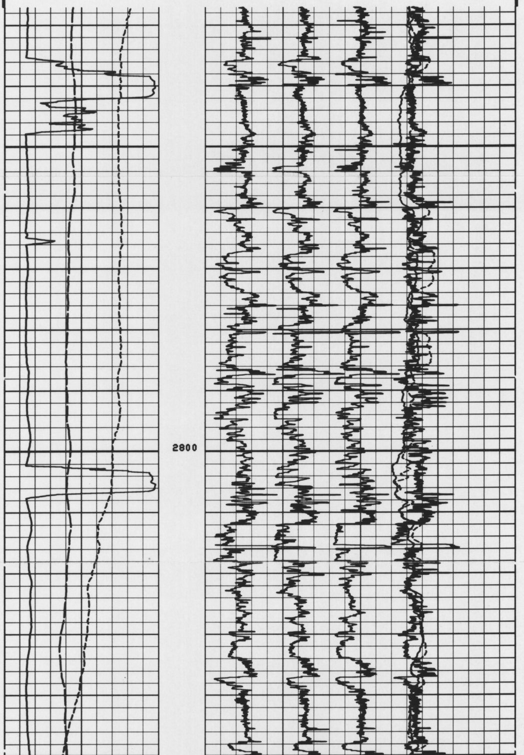
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MDEC	0	DEG	PVUM	1.00000	
STYP	HDSF		MCT	72	DEG
BS	12.2500	IN	BHS	OPEN	

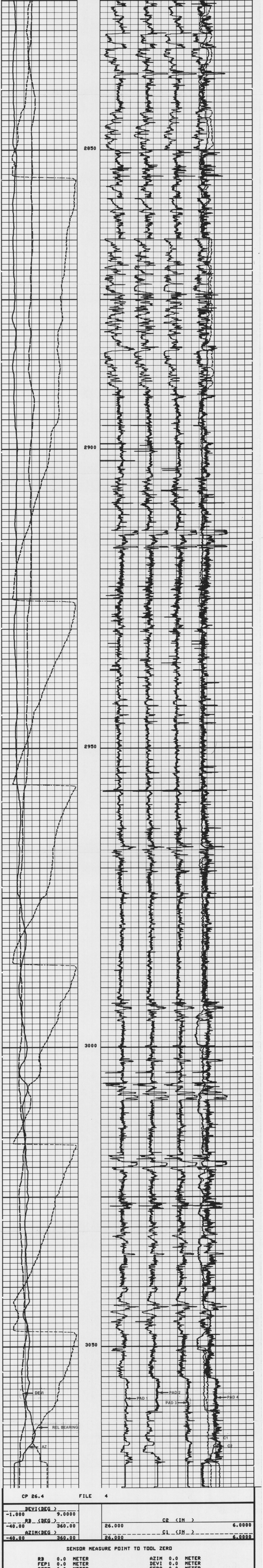
HOLE VOLUME = 866.401 F3
FROM 3073.4 TO 2763.4 METE

5 cm

DEVI(DEG)			
-1.000	9.0000		
RB (DEG)		C2 (IN)	
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

CP 26.4   FILE   4





CP 26.4 FILE 4

DEVI(DEG)		C2 (IN)
-1.000	9.0000	
RB (DEG)		
-40.00	360.00	26.000 · 6.0000
AZIM(DEG)		C1 (IN)
-40.00	360.00	26.000 · 6.0000

SENSOR MEASURE POINT TO TOOL ZERO

RB	0.0	METER	AZIM	0.0	METER
FEP1	0.0	METER	DEVI	0.0	METER
REFE	0.0	METER	FEP2	0.0	METER
EMEX	0.0	METER	RC	0.0	METER
C2	0.0	METER	C1	0.0	METER
RC2	0.0	METER	RC1	0.0	METER
TEMP	0.0	METER	PP	0.0	METER
FC0	0.0	METER	TENS	0.0	METER
FC2	0.0	METER	FC1	0.0	METER
FC4	0.0	METER	FC3	0.0	METER
SHDT	0.0	METER			

PARAMETERS

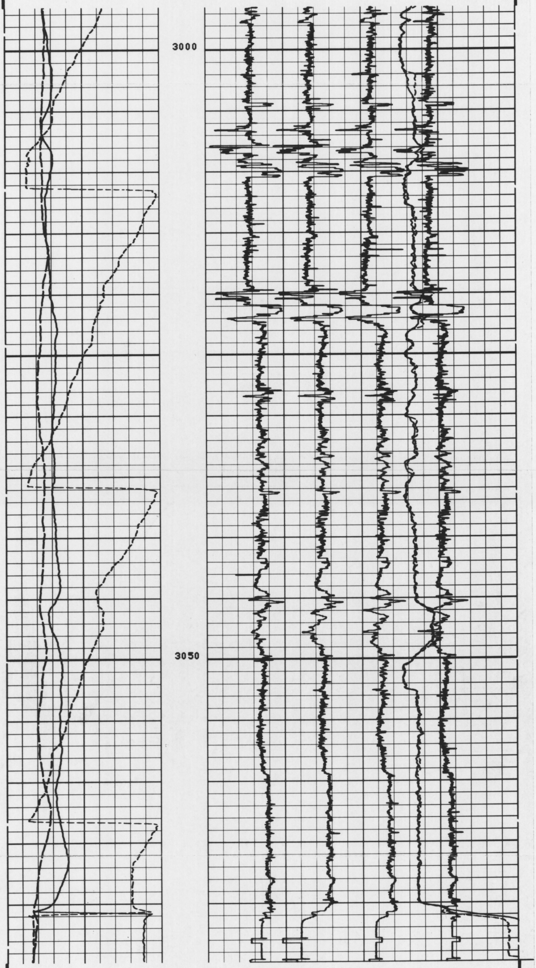
NAME	VALUE	UNIT	NAME	VALUE	UNIT
MDEC	0	DEG	PVUM	1.00000	
STYP	HDSF		MCT	72	DEG
BS	12.2500	IN	BHS	OPEN	

HOLE VOLUME = 214.758 F3
FROM 3074.6 TO 2996.3 METE

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)			
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

← REPEAT SECTION →

CP 26.4 FILE 3



CP 26.4 FILE 3

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)			
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

SENSOR MEASURE POINT TO TOOL ZERO

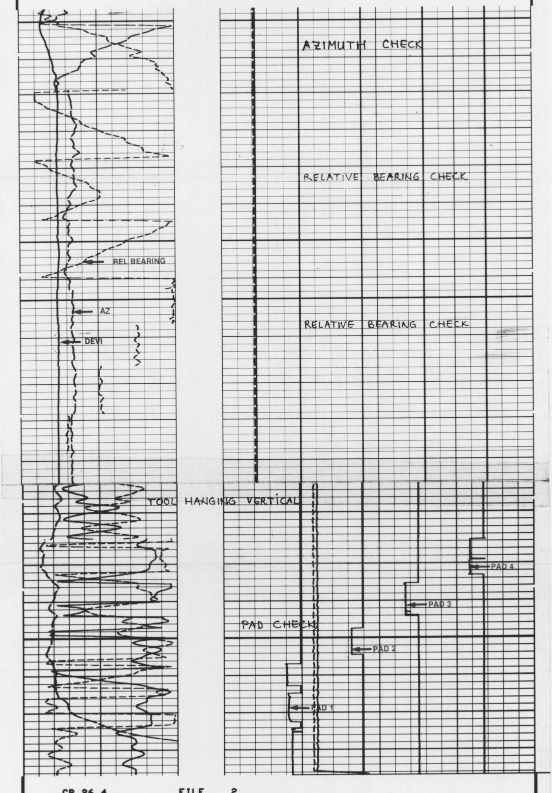
RB	0.0	METER	AZIM	0.0	METER
FEP1	0.0	METER	DEVI	0.0	METER
REFE	0.0	METER	FEP2	0.0	METER
EMEX	0.0	METER	RC	0.0	METER
C2	0.0	METER	C1	0.0	METER
RC2	0.0	METER	RC1	0.0	METER
TEMP	0.0	METER	PP	0.0	METER
FC0	0.0	METER	TENS	0.0	METER
FC2	0.0	METER	FC1	0.0	METER
FC4	0.0	METER	FC3	0.0	METER
SHDT	0.0	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MDEC	0	DEG	PVUM	1.00000	
STYP	HDSF		MCT	72	DEG
BS	12.2500	IN	BHS	OPEN	

DEVI(DEG)		C2 (IN)	
-4.000	36.000		
RB (DEG)			
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

FILE 4 28-AUG-85 10:47



CP 26.4 FILE 2

DEVI(DEG)		C2 (IN)	
-1.000	9.0000		
RB (DEG)			
-40.00	360.00	26.000	6.0000
AZIM(DEG)		C1 (IN)	
-40.00	360.00	26.000	6.0000

SENSOR MEASURE POINT TO TOOL ZERO

RB	0.0	METER	AZIM	0.0	METER
FEP1	0.0	METER	DEVI	0.0	METER
REFE	0.0	METER	FEP2	0.0	METER
EMEX	0.0	METER	RC	0.0	METER
C2	0.0	METER	C1	0.0	METER
RC2	0.0	METER	RC1	0.0	METER
TEMP	0.0	METER	PP	0.0	METER
FC0	0.0	METER	TENS	0.0	METER
FC2	0.0	METER	FC1	0.0	METER
FC4	0.0	METER	FC3	0.0	METER
SHDT	0.0	METER			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
MDEC	0	DEG	PVUM	1.00000	
STYP	HDSF		MCT	72	DEG
BS	12.2500	IN	BHS	OPEN	

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 85/10/10
PROGRAM FILE: HDT (VERSION 26.4 84/09/19)

HDTF

CALIPER CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	SMALL	LARGE	SMALL	LARGE	UNITS
C1	8.1	19.3	6.0	16.0	IN
C2	19.3	8.0	16.0	6.0	IN

CP 26.4 FILE 8

Schlumberger

HDT SUITE #2 1/200

CSU Field Log

5 cm

OR-331A

Schlumberger

CST-GR SUITE #2

CSU Field Log

329C08

COMPANY: AMOCO AUSTRALIA PETROLEUM CO.

WELL: TILANA #1

FIELD: WILDCAT
RIG : DIAMOND M EPOC
SLAB: TASMANIA
NATION: AUSTRALIA
LOCATION: SHOT POINT 5199 ,
LINE 871-A-50

LATITUDE: 039 53'36.96"S
LONGITUDE: 145 58'42.2" E

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM:
LOG MEASURED FROM: KB
22.3 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 22.3 M
DF: 22.0 M
GL: -79.9 M

OTHER SERVICES-
LDL-CNL-GR
HDT
ISF-DDBHC-
MSFL-GR
WST

PROGRAM TAPE NO: 28.2
SERVICE ORDER NO: DME851001

DATE: 11 OCT 85
RUN NO: 1

⑧

DEPTH-DRILLER: 3066.0 M
DEPTH-LOGGER: 3070.0 M
BTM. LOG INTERVAL: 3065.0 M
TOP LOG INTERVAL: 1691.0 M

CASING-DRILLER:	413.0 M	1651.0 M	
CASING-LOGGER:	413.0 M	1651.5 M	
CASING:	20 IN.	13 3/8 IN.	
WEIGHT:	133.000 LB/F	68.0000 LB/F	
BIT SIZE:	26 IN.	17 1/2 IN.	12 1/4 IN.
DEPTH:	416.0 M	1661.0 M	3066.0 M

TYPE FLUID IN HOLE: F/WTR GEL POLYMER
DENSITY: 9.30 LB/G
VISCOSITY: 57.0 S
PH: 11.6
FLUID LOSS: 5.5 C3
SOURCE OF SAMPLE: FLOWLINE
RM: .820 OHMM AT 110. DEGF
RMF: .921 OHMM AT 70.0 DEGF
RMC: 1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC: PRESS /PRESS
RM AT BHT: .423 OHMM AT 220. DEGF
RMF AT BHT: .312 OHMM AT 220. DEGF
RMC AT BHT: .377 OHMM AT 220. DEGF

TIME CIRC. STOPPED: 10:00 09/10
TIME LOGGER ON BTM.: 10:00 11/10

MAX. REC. TEMP: 220.0 DEGF

LOGGING UNIT NO: 822
LOGGING UNIT LOC: VEA
RECORDED BY: A. HALIM / A. SUSANTO
WITNESSED BY: C. E. REVILLA

REMARKS:

5 cm

EQUIPMENT NUMBERS-

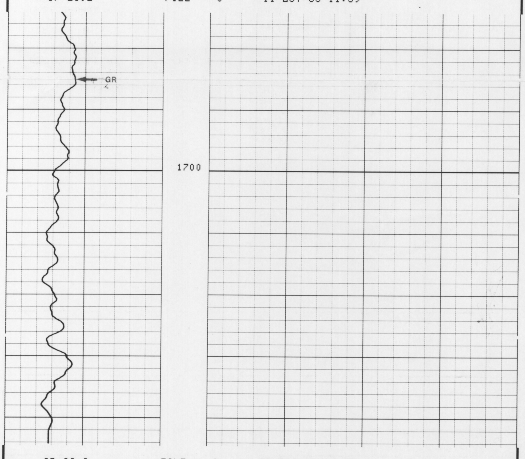
SHM 1772

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 0 11-OCT-85 19:01

GR (GAPI)
0.0 - 150.00

CP 28.2 FILE 0 11-OCT-85 11:59



CP 28.2 FILE 0 11-OCT-85 11:55

GR (GAPI)
0.0 150.00

SENSOR MEASURE POINT TO TOOL ZERO

TENS 3.81 METER GR 5.33 METER

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
BS	8.00000	IN	BHS	OPEN	

SHOT SUMMARY LISTING PERFORMED 11-OCT-85 11:10

SHOT	STATUS	DEPTH	TENSION
1	FIRED	3065.06	638.0
2	FIRED	3059.99	829.5
3	FIRED	3035.95	155.3
4	FIRED	3004.05	1049.
5	FIRED	2974.01	677.0
6	FIRED	2967.05	177.3
7	FIRED	2944.99	151.2
8	FIRED	2907.02	170.1
9	FIRED	2863.05	516.0
10	FIRED	2828.99	189.7
11	FIRED	2775.98	183.8
12	FIRED	2751.00	831.5
13	FIRED	2707.06	106.8
14	FIRED	2667.04	91.68
15	FIRED	2637.53	200.3
16	FIRED	2610.05	613.0
17	FIRED	2579.00	107.9
18	FIRED	2549.07	203.2
19	FIRED	2514.03	130.8
20	FIRED	2486.07	107.2
21	FIRED	2464.05	96.50
22	FIRED	2435.04	793.0
23	FIRED	2403.03	100.1
24	FIRED	2377.55	131.7
25	FIRED	2355.99	108.0
26	FIRED	2330.02	593.5
27	FIRED	2297.97	108.0
28	FIRED	2268.05	331.2
29	FIRED	1969.18	511.7
30	FIRED	1941.03	890.5
31	FIRED	1910.99	187.5
32	FIRED	1882.99	128.0
33	FIRED	1877.94	121.3
34	FIRED	1867.08	600.5
35	FIRED	1828.93	-33.87
36	FIRED	1828.06	259.5
37	FIRED	1819.99	451.5
38	FIRED	1802.51	721.5
39	FIRED	1793.07	188.0
40	FIRED	1792.48	162.6
41	FIRED	1780.94	418.0
42	FIRED	1769.98	98.43
43	FIRED	1769.01	270.5
44	FIRED	1765.04	66.93
45	FIRED	1752.98	135.7
46	FIRED	1738.03	23.78
47	FIRED	1729.96	756.0
48	FIRED	1724.98	872.5
49	FIRED	1715.93	743.0
50	FIRED	1698.97	101.1
51	FIRED	1690.99	154.0

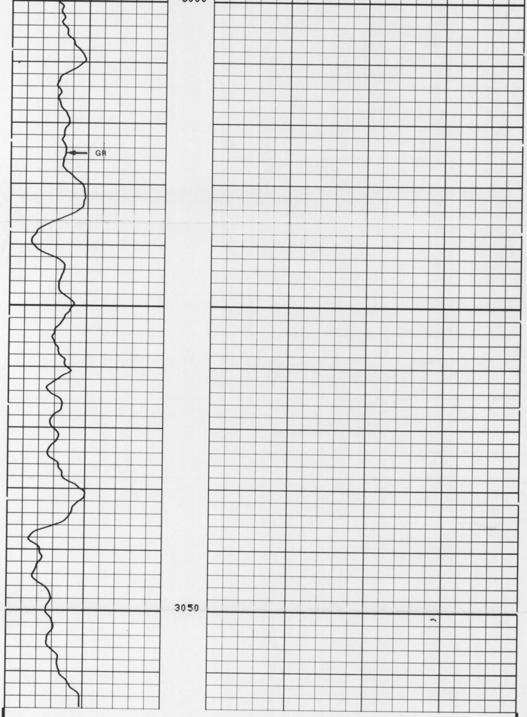
DEPTH UNITS : METE BIT SIZE : 8.000 IN

RING TYPE : LARG BULLET TYPE : COMB

POWDER LOAD : 7.00 G POWDER TYPE : AHT

GR (GAPI)
0.0 150.00

CP 28.2 FILE 0 11-OCT-85 10:07



CP 28.2 FILE 0 11-OCT-85 10:00

GR (GAPI)
0.0 150.00

SENSOR MEASURE POINT TO TOOL ZERO

TENS 3.81 METER GR 5.33 METER

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
BS	12.2500	IN	BHS	OPEN	

OR-331A

Schlumberger

WST CHECK SHOT SUITE #2

CSU Field Log

```
COMPANY:     AMOCO AUSTRALIA PETROLEUM CO.          329C09        OTHER SERVICES-
                                                                    LDL-CNL-GR
WELL:        TILANA #1                                              HDT
                                                                    ISF-DDBHC-
FIELD:       WILDCAT                                                MSFL-GR
RIG    :     DIAMOND M EPOC                                         CST-GR
SLAB:        TASMANIA
NATION:      AUSTRALIA
LOCATION:    SHOT POINT 5199 ,
             LINE 871-A-50

LATITUDE:    039 53'36.96"S
LONGITUDE:   145 58'42.2" E
                                                                  PROGRAM
PERMANENT DATUM:         MSL            ELEVATIONS-               TAPE NO:
ELEV. OF PERM. DATUM:                      KB:    22.3 M            28.2
LOG MEASURED FROM:       KB                DF:    22.0 M          SERVICE
     22.3 M    ABOVE PERM. DATUM           GL:   -79.9 M          ORDER NO:
DRLG. MEASURED FROM:     KB                                         DME851001


DATE:           11 OCT 85
RUN NO:         1
```

(23)

```
DEPTH-DRILLER:        3066.0 M
DEPTH-LOGGER:         3070.0 M
BTM. LOG INTERVAL:    3070.0 M
TOP LOG INTERVAL:      700.0 M

CASING-DRILLER:        413.0 M      1651.0 M
CASING-LOGGER:         413.0 M      1651.5 M
CASING:              20 IN.        13 3/8 IN.
   WEIGHT:           133.000 LB/F 68.0000 LB/F
BIT SIZE:            26 IN.        17 1/2 IN.    12 1/4 IN.
   DEPTH:              416.0 M      1661.0 M      3066.0 M
```

```
-                                                                 -

TYPE FLUID IN HOLE:    F/WTR GEL POLYMER
DENSITY:                 9.30 LB/G
VISCOSITY:             57.0 S
PH:                    11.6
FLUID LOSS:             5.5 C3
SOURCE OF SAMPLE:      FLOWLINE
RM:                       .820 OHMM AT 110. DEGF
RMF:                      .921 OHMM AT 70.0 DEGF
RMC:                     1.110 OHMM AT 70.0 DEGF
SOURCE RMF/RMC:        PRESS /PRESS
RM AT BHT:                .423 OHMM AT 220. DEGF
RMF AT BHT:               .312 OHMM AT 220. DEGF
RMC AT BHT:               .377 OHMM AT 220. DEGF

TIME CIRC. STOPPED:    10:00 09/10
TIME LOGGER ON BTM.:   5:20 11/10

MAX. REC. TEMP:        220.0 DEGF

LOGGING UNIT NO:        822
LOGGING UNIT LOC:      VEA
RECORDED BY:           A. HALIM / A. SUSANTO
WITNESSED BY:          C. E. REVILLA
```

```
REMARKS:

GUN DEPTH   : 3.96 M      GUN AZIMUTH   : 85 DEG/NORTH
HYDRO DEPTH : 2.74 M      HYDRO AZIMUTH : 85 DEG/NORTH
GUN OFFSET FROM WELL   : 46.5 M
HYDRO OFFSET FROM WELL : 46.5 M
GUN VOLUME : 200CC.
FIRING PRESSURE : 1800 PSI.
```

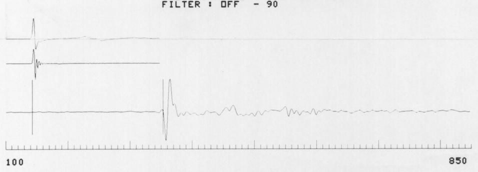
```
EQUIPMENT NUMBERS-

WSA-AB 928       WSC-A 882        CAC-B 927
WDM-AB 55        WSM 1771
```

5 cm

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.

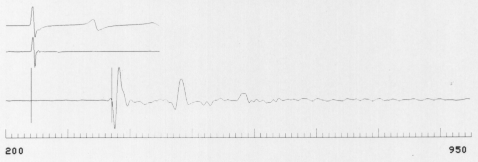
```
CP 28.2          FILE    0      11-OCT-85 19:09
```

```
STACK # 36 @   700.0 M     10 /11 /85  8 :1    TT =    310.9 MS
           GEOPHONE            .002508  CM/SEC  @   352.4 MS
           SHOTS STACKED : 188 ,189 ,190
           FILTER : OFF   - 90
```



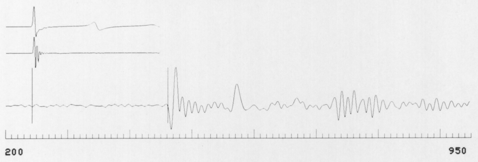
FILE # 3

```
STACK # 35 @   750.1 M     10 /11 /85  7 :58   TT =    330.2 MS
           GEOPHONE            .002493  CM/SEC  @   369.8 MS
           SHOTS STACKED : 185 ,186 ,187
           FILTER : OFF   - 90
```



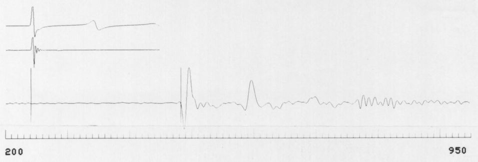
FILE # 3

```
STACK # 34 @   940.0 M     10 /11 /85  7 :52   TT =    418.6 MS
           GEOPHONE            .002198  CM/SEC  @   460.2 MS
           SHOTS STACKED : 182 ,183 ,184
           FILTER : OFF   - 90
```



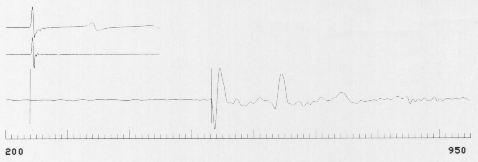
FILE # 3

```
STACK # 33 @   989.9 M     10 /11 /85  7 :48   TT =    441.7 MS
           GEOPHONE            .001603  CM/SEC  @   481.3 MS
           SHOTS STACKED : 179 ,180 ,181
           FILTER : OFF   - 90
```



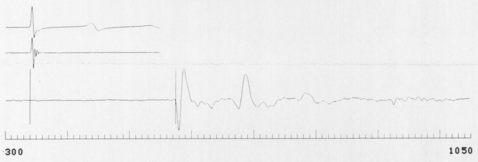
FILE # 3

```
STACK # 32 @  1100.1 M     10 /11 /85  7 :43   TT =    492.3 MS
           GEOPHONE            .001104  CM/SEC  @   530.8 MS
           SHOTS STACKED : 176 ,177 ,178
           FILTER : OFF   - 90
```



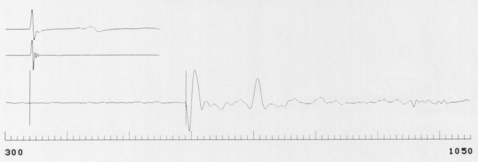
FILE # 3

```
STACK # 31 @  1200.1 M     10 /11 /85  7 :39   TT =    534.6 MS
           GEOPHONE            .000950  CM/SEC  @   573.2 MS
           SHOTS STACKED : 173 ,174 ,175
           FILTER : OFF   - 90
```



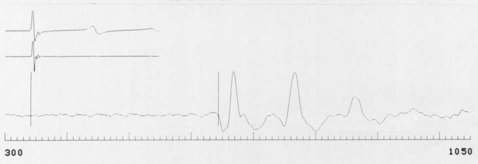
FILE # 3

```
STACK # 30 @  1244.1 M     10 /11 /85  7 :35   TT =    551.6 MS
           GEOPHONE            .000750  CM/SEC  @   590.2 MS
           SHOTS STACKED : 169 ,170 ,171 ,172
           FILTER : OFF   - 90
```



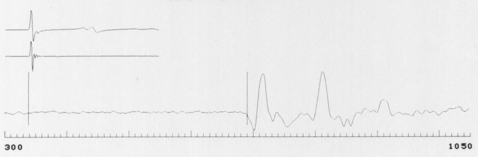
FILE # 3

```
STACK # 29 @  1396.1 M     10 /11 /85  7 :31   TT =    602.3 MS
           GEOPHONE            .000231  CM/SEC  @   642.9 MS
           SHOTS STACKED : 165 ,166 ,167 ,168
           FILTER : OFF   - 90
```



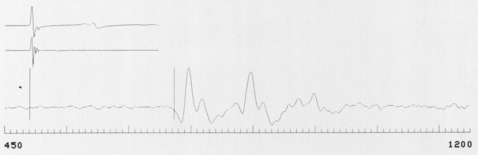
FILE # 3

```
STACK # 28 @  1528.4 M     10 /11 /85  7 :26   TT =    652.0 MS
           GEOPHONE            .000208  CM/SEC  @   689.4 MS
           SHOTS STACKED : 162 ,163 ,164
           FILTER : OFF   - 90
```



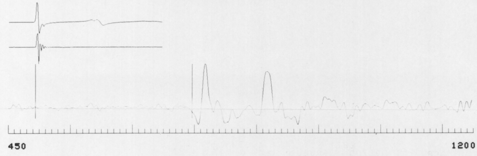
FILE # 3

```
STACK # 27 @  1600.0 M     10 /11 /85  7 :20   TT =    682.7 MS
           GEOPHONE            .000212  CM/SEC  @   722.3 MS
           SHOTS STACKED : 157 ,158 ,159
           FILTER : OFF   - 90
```

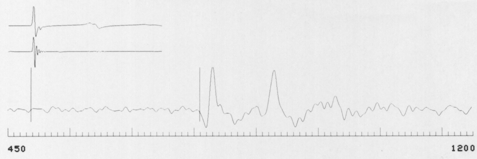


FILE # 3

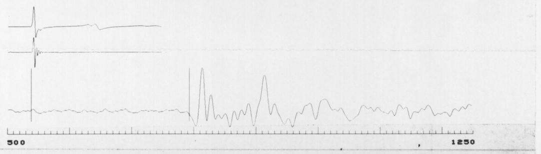
```
STACK # 26 @  1646.0 M     10 /11 /85  7 :14   TT =    702.6 MS
           GEOPHONE            .000184  CM/SEC  @   745.1 MS
           SHOTS STACKED : 153 ,154 ,155 ,156
           FILTER : OFF   - 90
```



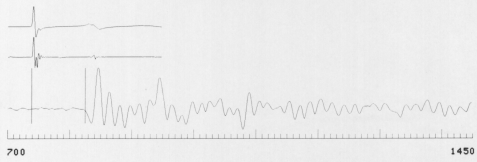
```
                     FILE # 3

STACK # 25 @  1700.1 M    10 /11 /85  7 :6    TT =   721.8 MS
        GEOPHONE              .000196  CM/SEC  @   758.1 MS
        SHOTS STACKED : 150 ,151 ,152
        FILTER : OFF  - 90
```



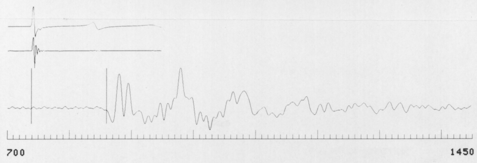
```
                     FILE # 3

STACK # 24 @  1800.0 M    10 /11 /85  6 :59   TT =   754.1 MS
        GEOPHONE              .000201  CM/SEC  @   791.5 MS
        SHOTS STACKED : 144 ,145 ,146
        FILTER : OFF  - 90
```



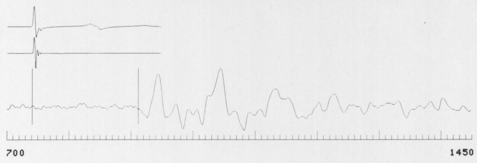
```
STACK # 22 @  1900.1 M    10 /11 /85  6 :49   TT =   786.4 MS
        GEOPHONE              .000184  CM/SEC  @   823.9 MS
        SHOTS STACKED : 136 ,137 ,138
        FILTER : OFF  - 90
```



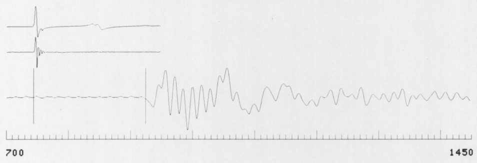
```
                     FILE # 3

STACK # 21 @  2022.1 M    10 /11 /85  6 :43   TT =   821.1 MS
        GEOPHONE              .000093  CM/SEC  @   858.7 MS
        SHOTS STACKED : 131 ,132 ,133
        FILTER : OFF  - 90
```



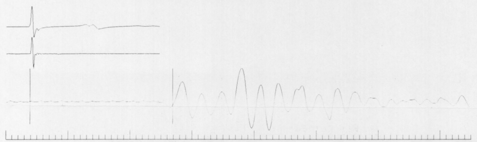
```
                     FILE # 3

STACK # 20 @  2266.1 M    10 /11 /85  6 :35   TT =   871.3 MS
        GEOPHONE              .000054  CM/SEC  @   910.8 MS
        SHOTS STACKED : 123 ,124 ,125 ,126
        FILTER : OFF  - 90
```



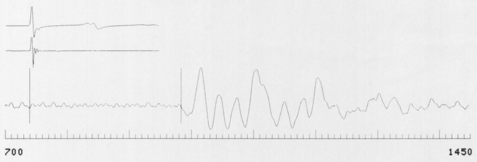
```
                     FILE # 3

STACK # 19 @  2320.1 M    10 /11 /85  6 :29   TT =   880.5 MS
        GEOPHONE              .000058  CM/SEC  @   923.0 MS
        SHOTS STACKED : 120 ,121 ,122
        FILTER : OFF  - 90
```



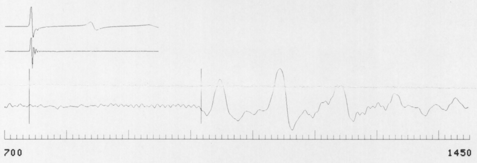
```
                     FILE # 3

SHOT   # 18 @  2400.1 M    10 /11 /85  6 :24   TT =   930.0 MS
        GEOPHONE              .000091  CM/SEC  @   967.6 MS
        SHOTS STACKED : 117 ,118 ,119
        FILTER : OFF  - 90
```



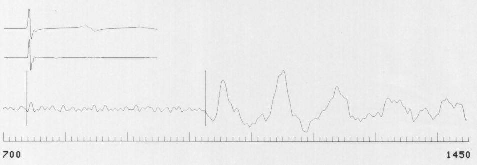
```
STACK # 17 @  2500.1 M    10 /11 /85  6 :15   TT =   943.8 MS
        GEOPHONE              .000053  CM/SEC  @   982.1 MS
        SHOTS STACKED : 111 ,112 ,113
        FILTER : OFF  - 90
```



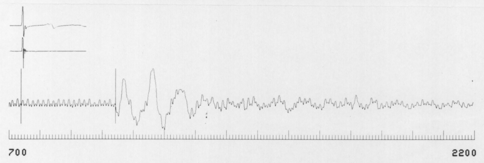
```
                     FILE # 3

STACK # 16 @  2600.1 M    10 /11 /85  6 :10   TT =   977.0 MS
        GEOPHONE              .000038  CM/SEC  @  1015.5 MS
        SHOTS STACKED : 108 ,109 ,110
        FILTER : OFF  - 90
```



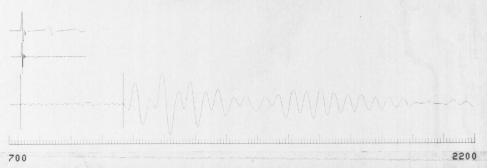
```
                     FILE # 3

STACK # 15 @  2650.0 M    10 /11 /85  6 :6    TT =   988.2 MS
        GEOPHONE              .000031  CM/SEC  @  1024.8 MS
        SHOTS STACKED : 99
                        100 ,101 ,102 ,104 ,105 ,106 ,107
        FILTER : OFF  - 90
```



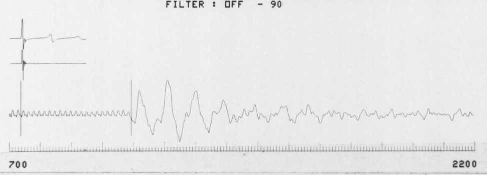
```
                     FILE # 3

STACK # 14 @  2700.1 M    10 /11 /85  5 :55   TT =  1003.7 MS
        GEOPHONE              .000025  CM/SEC  @  1041.3 MS
        SHOTS STACKED : 91 ,92 ,93 ,94
        FILTER : OFF  - 90
```



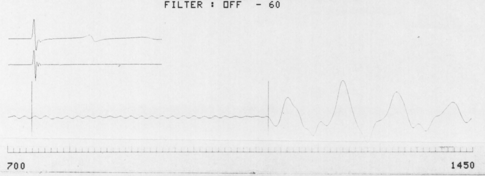
```
                     FILE # 3

STACK # 1004 @  2800.1 M    10 /11 /85  5 :49   TT =  1030.0 MS
        GEOPHONE              .000037  CM/SEC  @  1090.1 MS
        SHOTS STACKED : 86 ,87 ,88 ,89
        FILTER : OFF  - 60
```



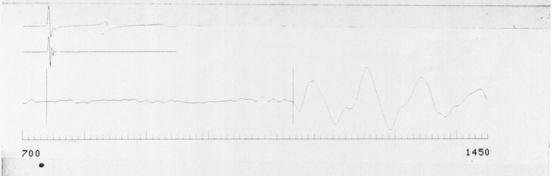
```
STACK # 12 @  2892.1 M    10 /11 /85  5 :44   TT =  1054.7 MS
        GEOPHONE              .000024  CM/SEC  @  1091.2 MS
        SHOTS STACKED : 81 ,82 ,83 ,84
        FILTER : OFF  - 90
```



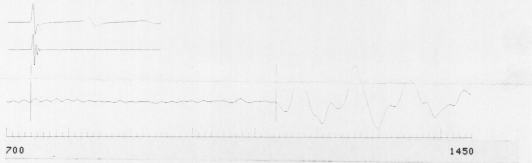
```
STACK # 1015 @  3000.1 M    10 /11 /85  5 :36   TT =  1081.3 MS
        GEOPHONE              .000018  CM/SEC  @  1118.8 MS
        SHOTS STACKED : 73 ,74 ,75 ,76
        FILTER : OFF  - 60
```



```
STACK # 1009 @  3050.1 M    10 /11 /85  5 :27   TT =  1096.9 MS
        GEOPHONE              .000016  CM/SEC  @  1134.5 MS
        SHOTS STACKED : 60 ,61 ,62 ,63 ,64 ,65 ,66
        FILTER : OFF  - 60
```



```
STACK # 1013 @  3070.0 M     10 /11 /85  5 :19   TT =  1095.2 MS
        GEOPHONE            .000013  CM/SEC  @  1132.7 MS
        SHOTS STACKED : 56 ,57 ,58 ,59
        FILTER : OFF  - 60
```



Schlumberger

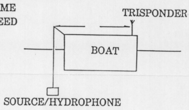
GUN GEOMETRY SKETCH

CLIENT: Amoco

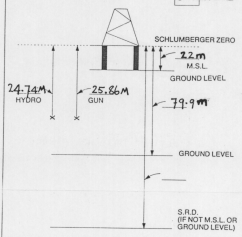
WELL: TILANA-1

DATE: 11/10/85

GUN DEPTH
REFERENCE DEPTH TYPE
REFERENCE SENSOR DEPTH
GUN FIRING PRESSURE
BOAT NAME
BOAT SPEED

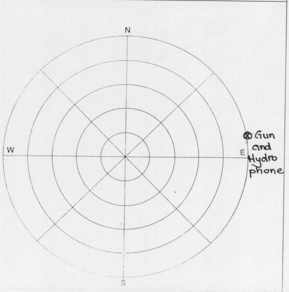


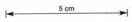
LAND OFFSHORE OFFSHORE



INDICATE ALL DISTANCES RELATIVE TO SCHLUMBERGER ZERO

SHOT POS'N	GUN OFFSET	HYDRO OFFSET	GUN DEPTH	HYDRO DEPTH
1	46.5M	46.5M	3.86M	2.74M
2				
3				
4				
5				
6				
7				



INDICATE GUN/VIBRO AND HYDROPHONE OFFSET AND AZIMUTH RELATIVE TO NORTH