COUNTY	COOS
FIELD	WILD CAT
LOCATION	511.9'N & 2151.7'W
WELL	"COOS COUNTY FOREST" #7-1
COMPANY	CARBON ENERGY INT.

Schlumberger

CYBERDIP

COMPANY	CARBON ENERGY INT.
WELL	"COOS COUNTY FOREST" #7-1
FIELD	WILD CAT
COUNTY	COOS **STATE** OREGON

LOCATION
511.9'N & 2151.7'W
FROM SE CORNER OF:

Other Services:
DITD/GR
LDT/CNL/GR
FMS
MSCT

API SERIAL NO.	SECT.	TWP.	RANGE
36-011-00027	7	27S	13W

Permanent Datum	GL	Elev. 530.0 F	**Elev.: K.B.548.0 F**
Log Measured From	KB	18.0 F above Perm. Datum	**D.F.547.0 F**
Drilling Measured From	KB		**G.L.530.0 F**

Date	15-OCT-1993			
Run No.	ONE			
Depth Driller	3804.0 F			
Depth Logger (Schl.)	3779.0 F			
Btm. Log Interval	3777.0 F			
Top Log Interval	380.0 F			
Casing-Driller	9 5/8 @ 380.0 F	@		@
Casing-Logger	380.0 F			
Bit Size	8 3/4 @ 3804.0 F	@		@
Type Fluid in Hole	FRESH			
Dens. | **Visc.**	9.10 LB/G	46.0 S		
pH | **Fld. Loss**		6.8 C3		
Source of Sample	FLOWLINE			
Rm @ Meas. Temp.	6.300 OHMM @ 62.0 DEGF		@	
Rmf @ Meas. Temp.	7.250 OHMM @ 60.0 DEGF		@	
Rmc @ Meas. Temp.	3.780 OHMM @ 60.0 DEGF		@	
Source: Rmf | **Rmc**	MEASURED	MEASURED		
Rm @ BHT	3.988 OHMM @ 102. DEGF		@	
TIME Circulation Ended	06:30 15-OCT-93			
TIME Logger on Bottom	21:30 15-OCT-93			
Max. Rec. Temp.	102. DEGF			
Equip. | **Location**	8504	SACRAMENTO		
Recorded By	M.DEMSKIE			
Witnessed By	S.PAPPAJOHN			

The well name, location and borehole reference data were furnished by the customer

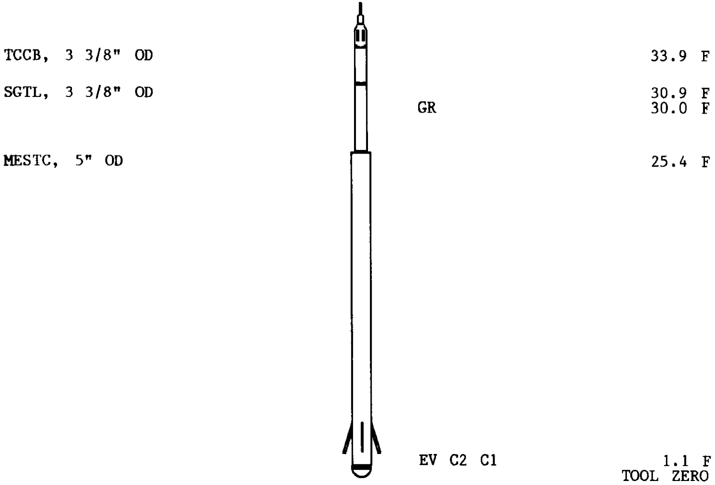
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretations made by any of our officers, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

Run No.	ONE			
Service Order No.	624380			
Drilling Fluid Level	100.0 F			
Salinity				
Rmf @ BHT	4.456 OHMM	@	102. DEGF	@
Rmc @ BHT	2.323 OHMM	@	102. DEGF	@
Logging Speed	1800.0 F/HR			
EQUIPMENT DATA				
Tool Number 1	MEAC-A			
Tool Number 2	MEDS-C			
Tool Number 3	SGC-SA			
Tool Number 4	TCM-AB 1516			
Tool Number 5				
Tool Number 6				
Tool Number 7				
Tool Number 8				
Tool Number 9				
Tool Number 10				
Tool Number 11				
Tool Number 12				

REMARKS:

CORRELATED TO SWS INDUCTION LOG
THANK YOU FOR CHOOSING SCHLUMBERGER
SOME WELLSITE INFORMATION NOT AVAILABLE AT WELL

LOGGING TOOL STRING SKETCH



TOTAL TOOL STRING LENGTH IS 38.2 F.
TOTAL TOOL STRING WEIGHT IS 594. LB IN AIR.

MAIN LOG

FILES SPLICED	SPLICE DEPTH
5 TO 6	1689.0 F

MEST CYBERDIP

STRUCTURAL DIP NOT REMOVED

MIRROR IMAGES REMOVED

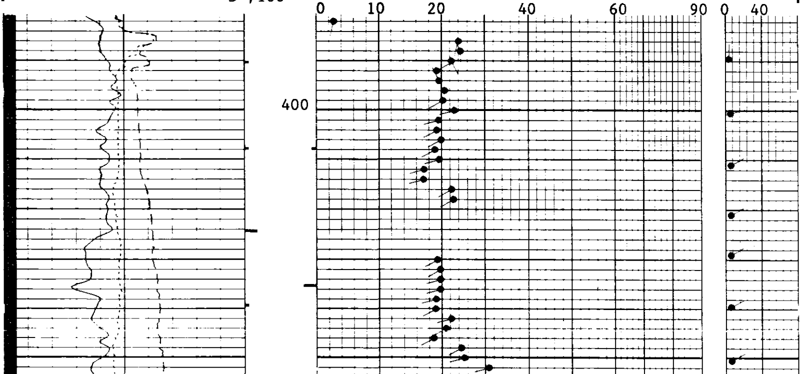
```
SPEED CORRECTION NOT APPLIED
```

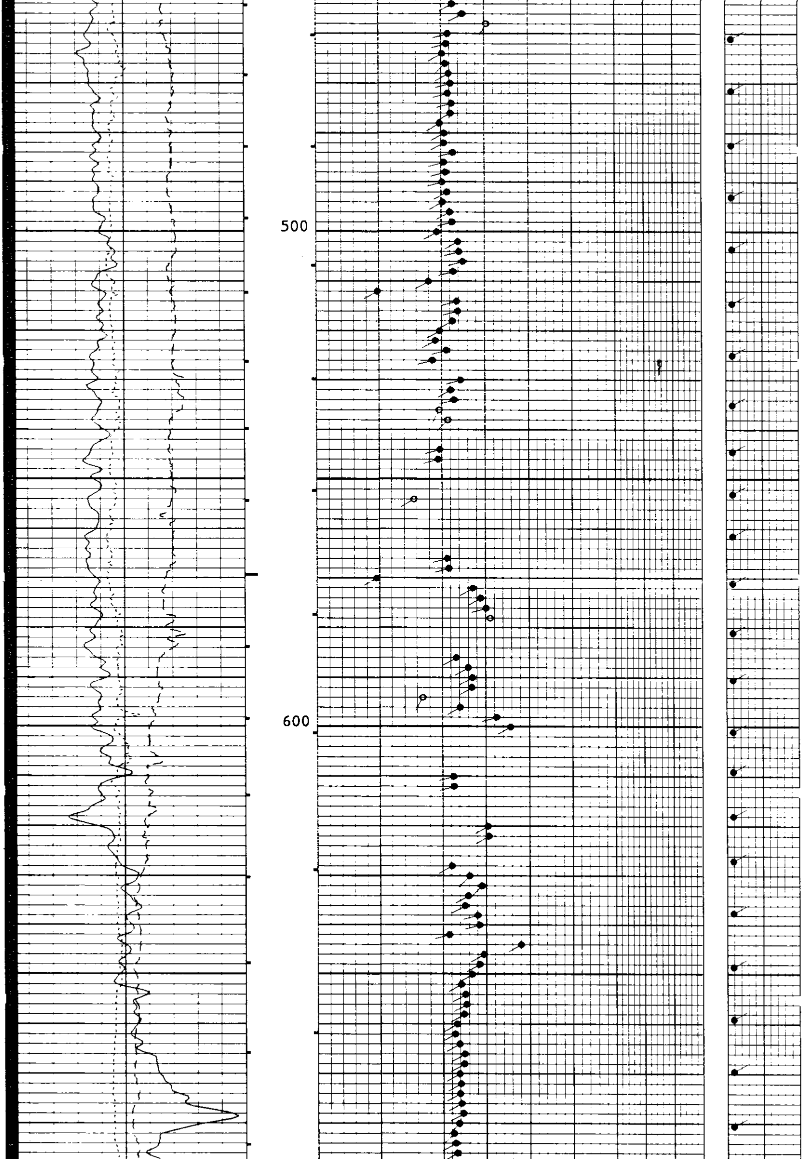
```
ACCUMULATED INTEGRATION VALUES SUMMARY:

Integrated Hole Volume:    1726.96 F3    FROM 3779.00 F    TO 380.500 F
Integrated Cement Volume: 819.572 F3    FROM 3779.00 F    TO 380.500 F
  (ASSUMING 7.00000 IN   O.D. CASING)
```

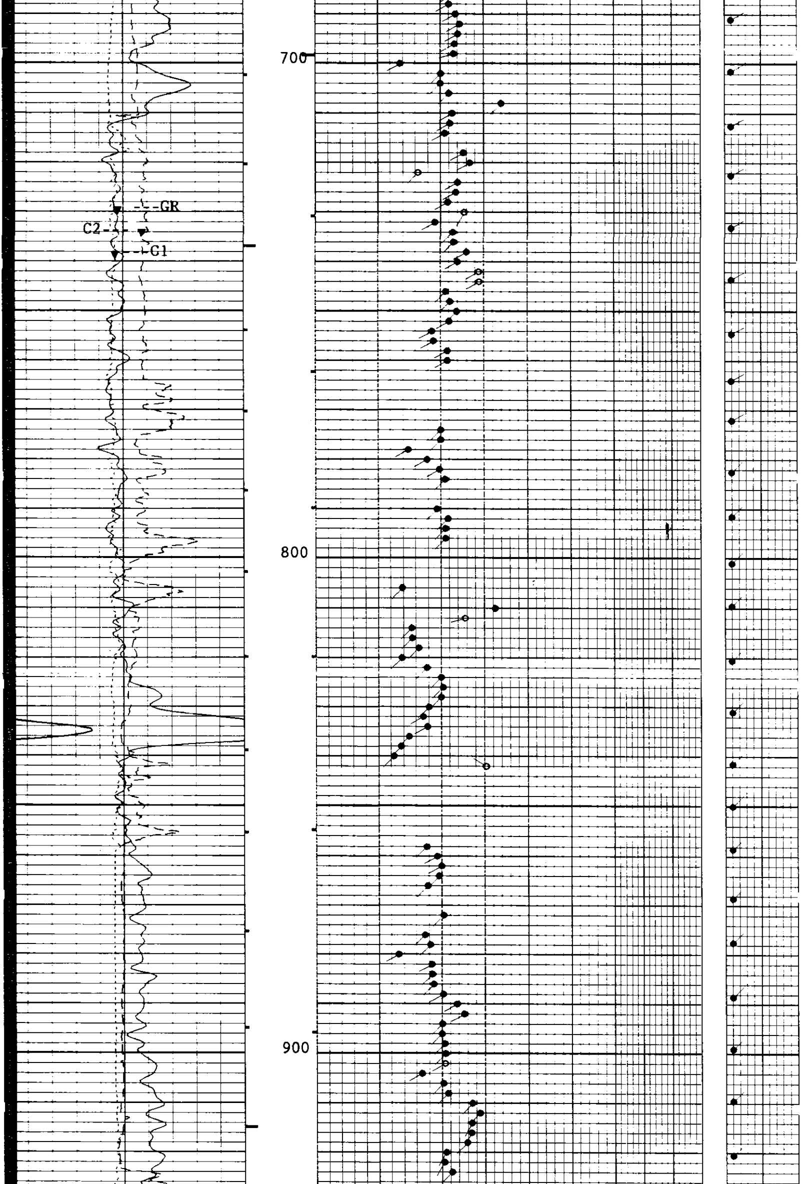
```
EVENT MARK SUMMARY:

OUTPUT                        INTERVAL       DEPTH TRACK
                              BETWEEN PIPS   EDGE

Integrated Hole Volume        10.0000 F3     LEFT EDGE
Integrated Cement Volume      10.0000 F3     RIGHT EDGE
```

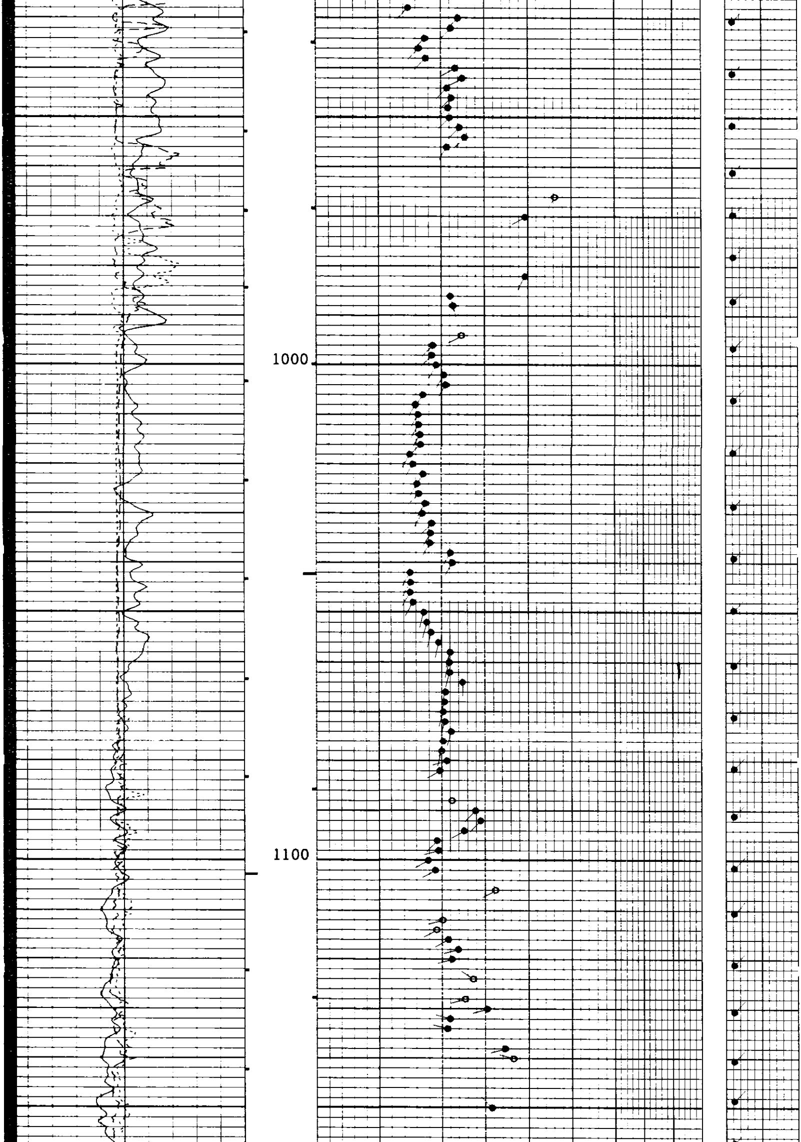
GR(GAPI)
0.0 150.00
C2(IN)
0.0 20.000
C1(IN)
0.0 20.000

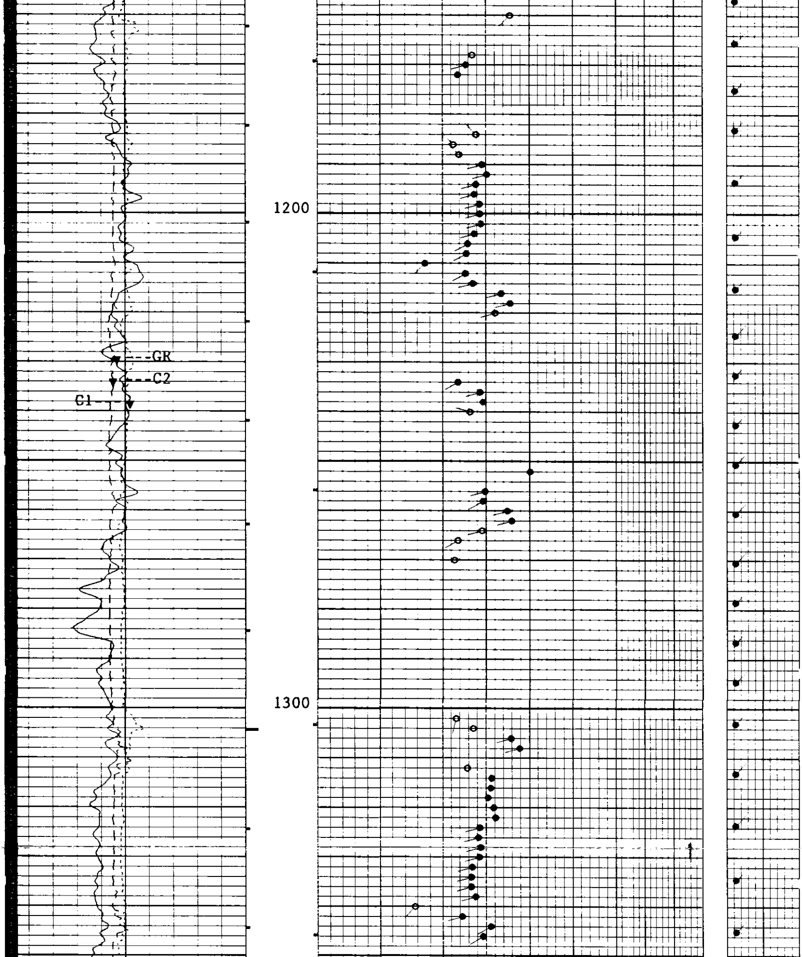
```
CP 38.2          FILE    1       16-OCT-1993 11:31

                 INPUT FILE(S)   CREATION DATE
                      6          16-OCT-1993 00:00

                 5"/100'
```

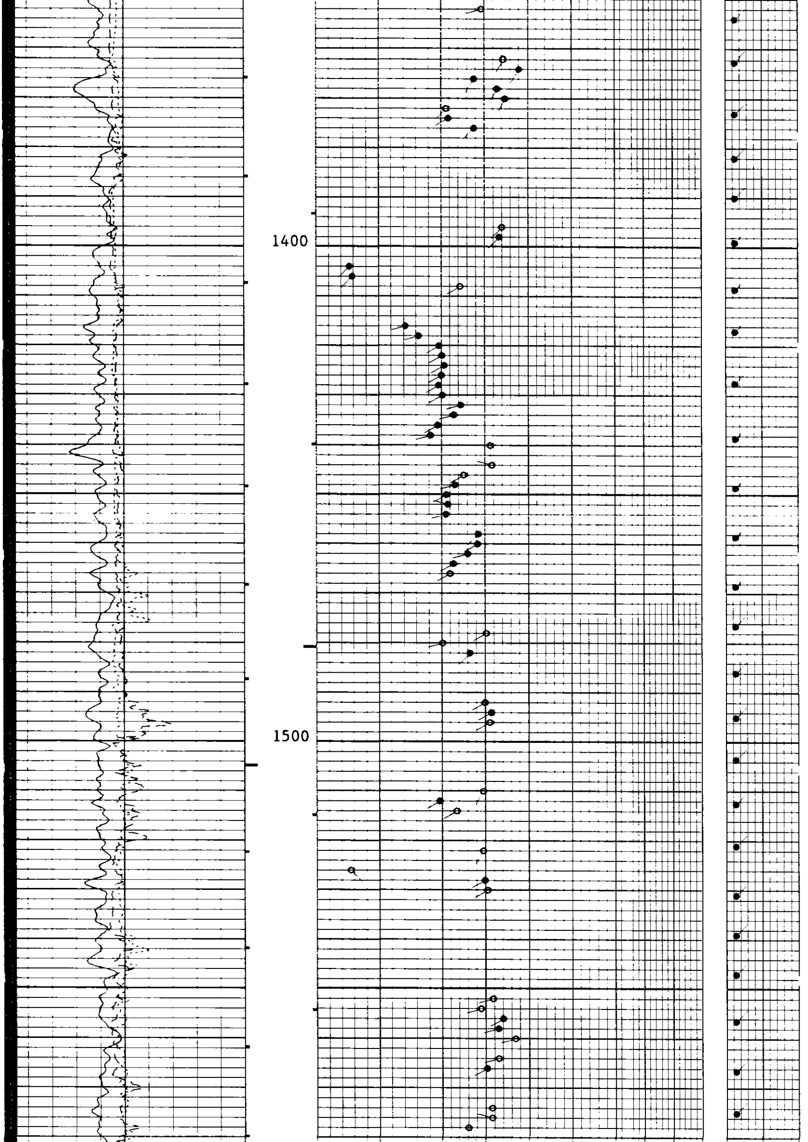


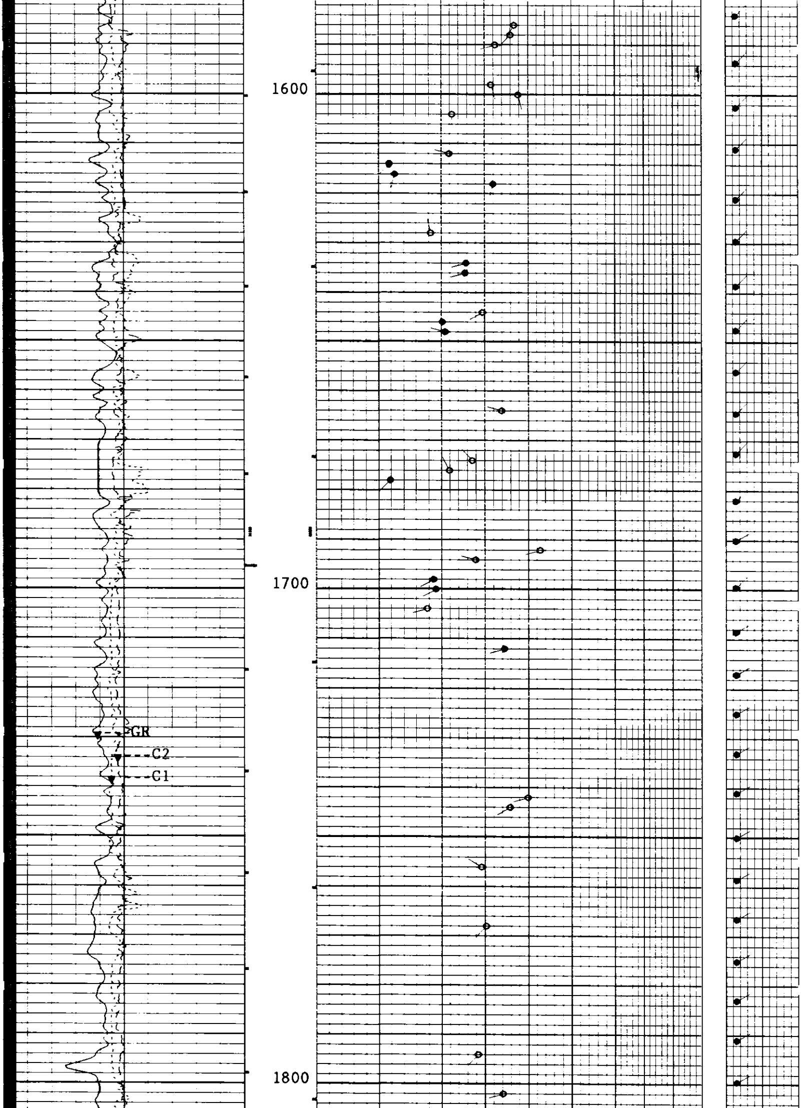


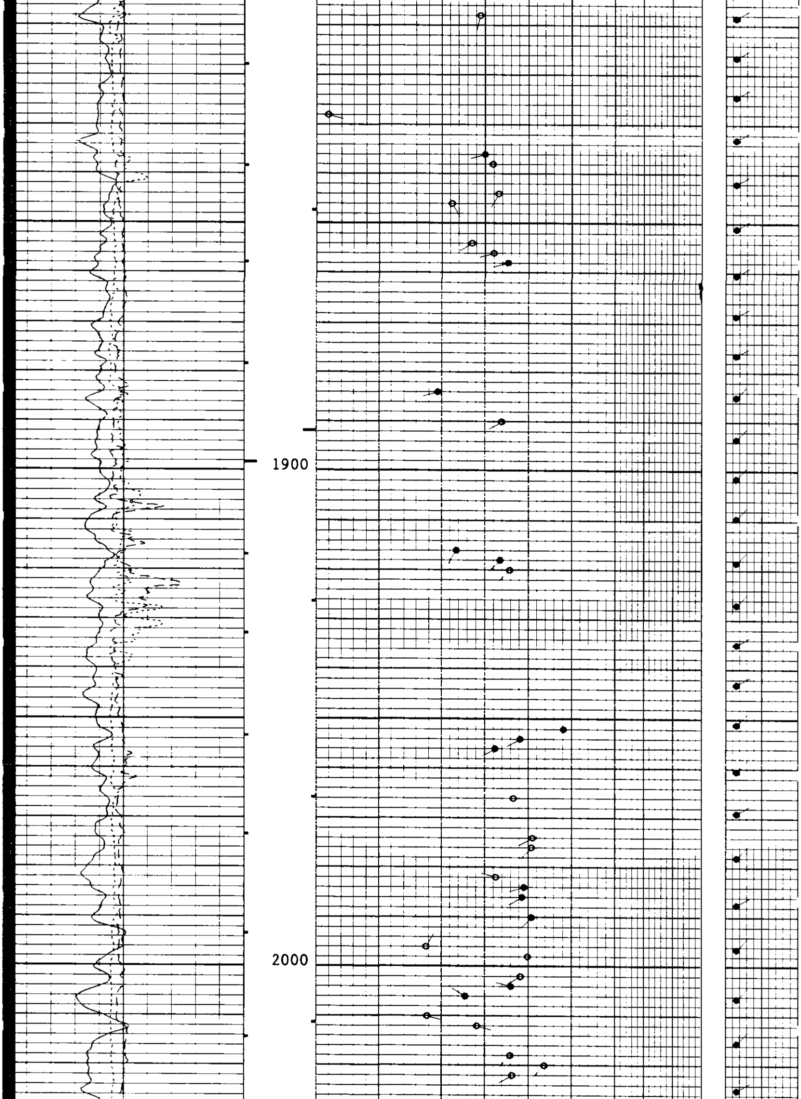


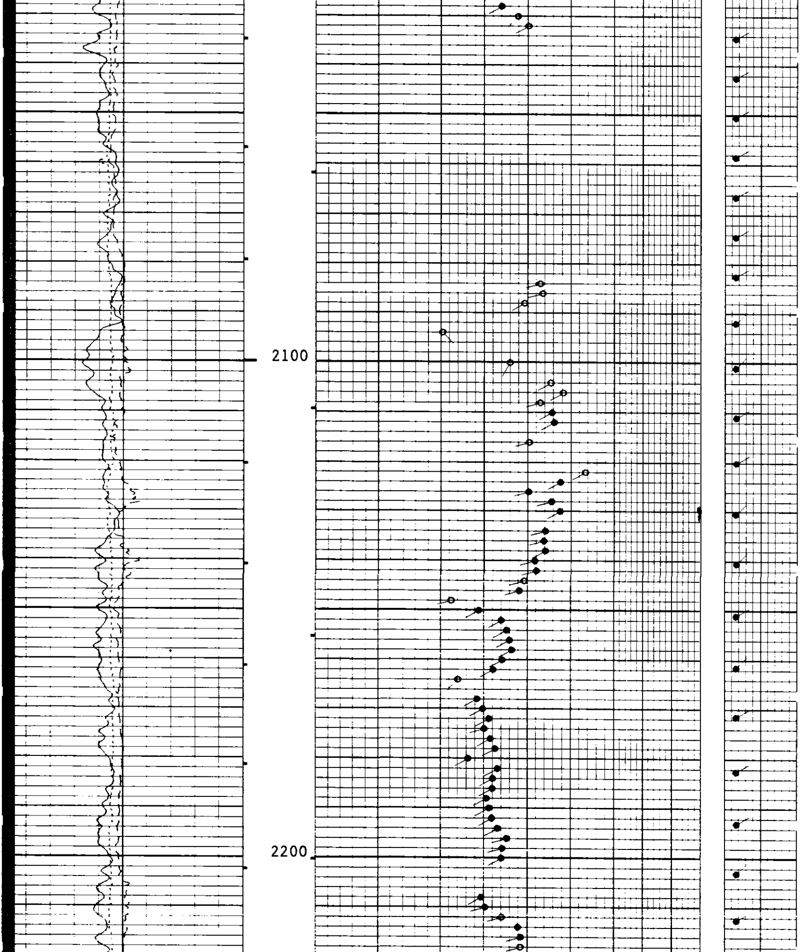


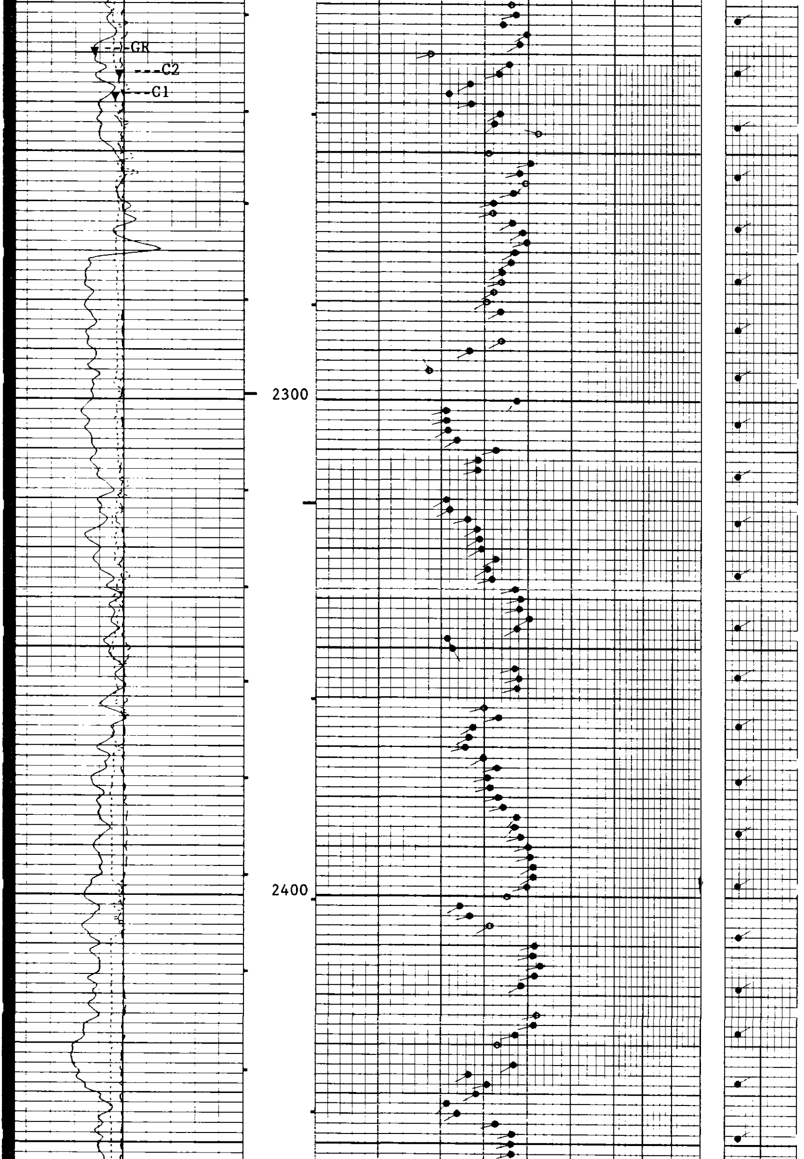


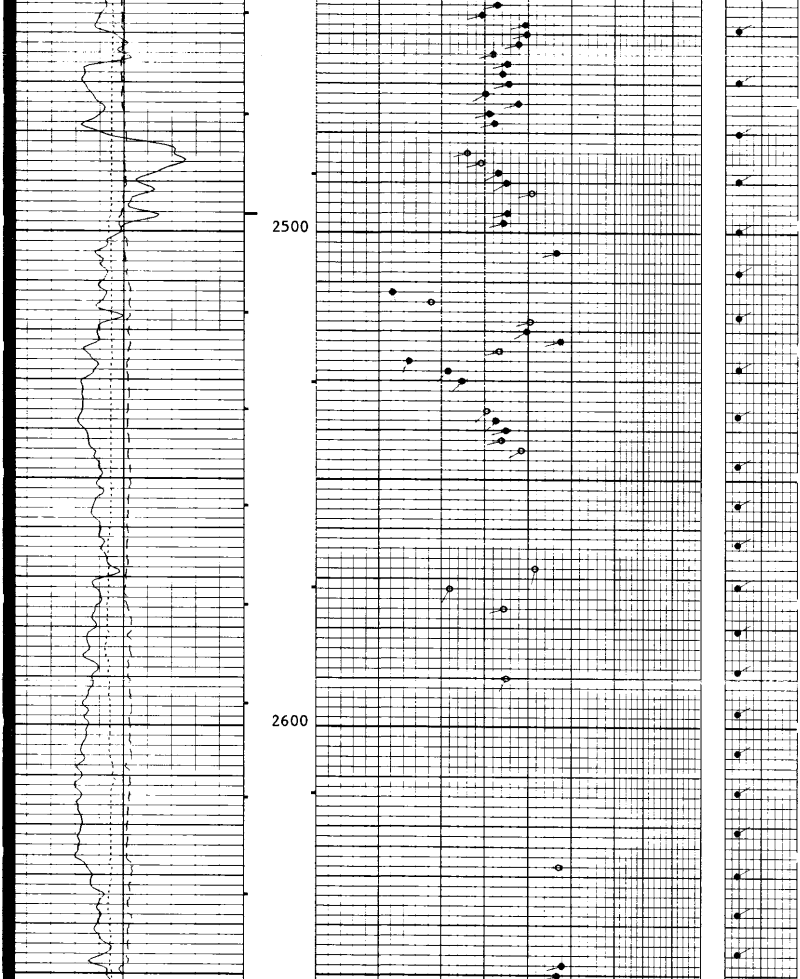


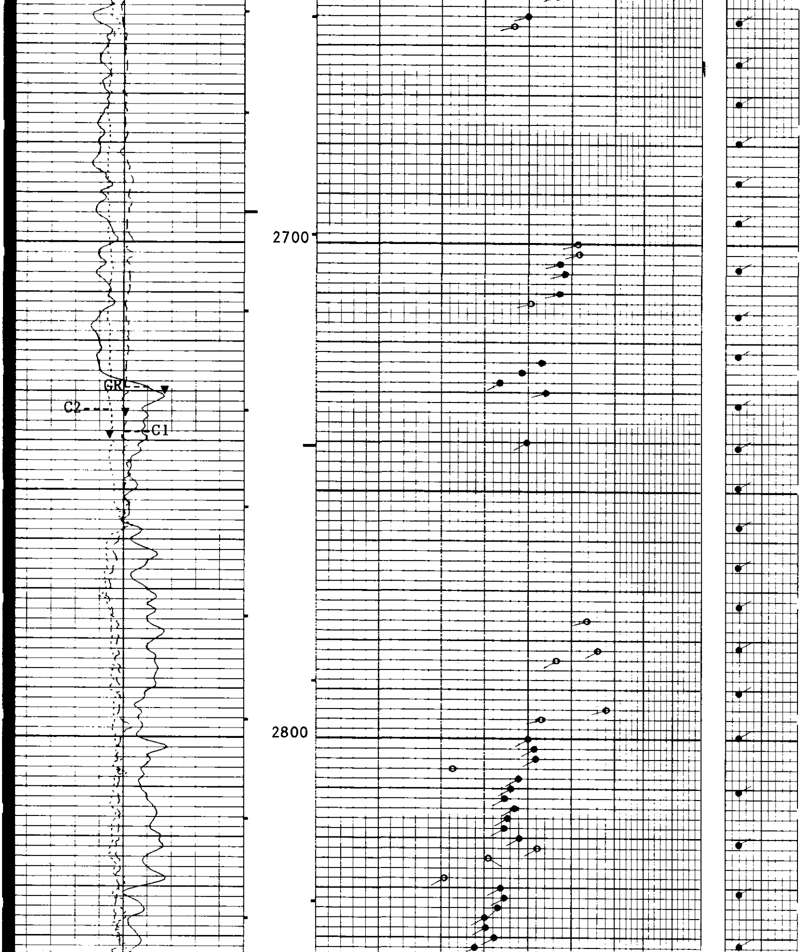


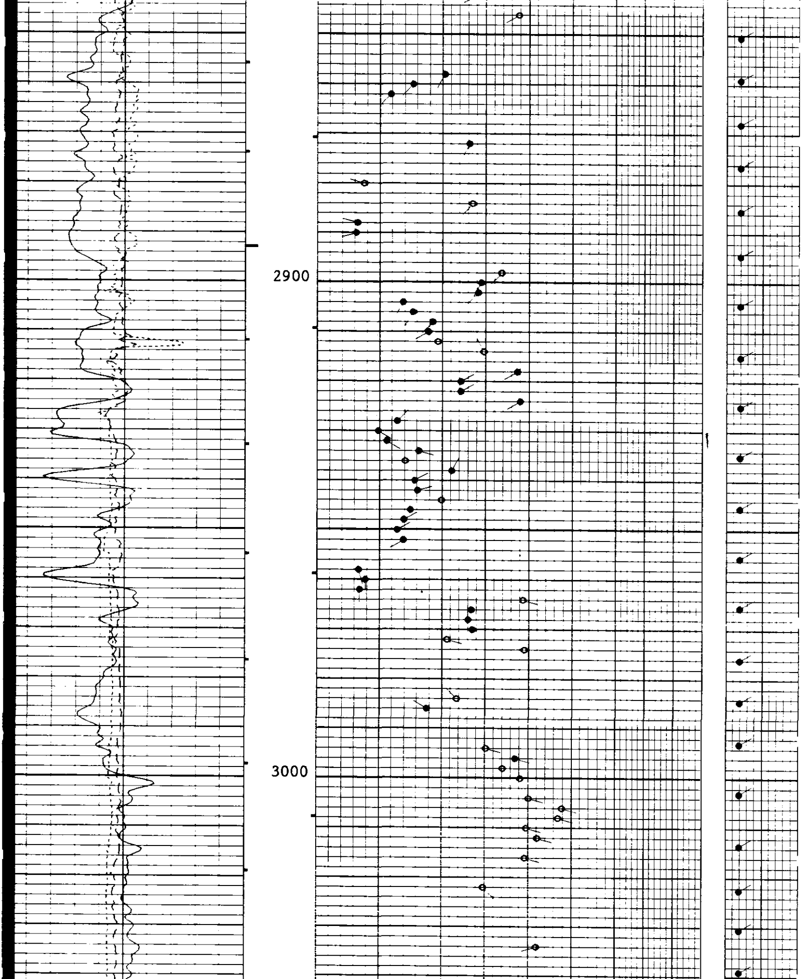


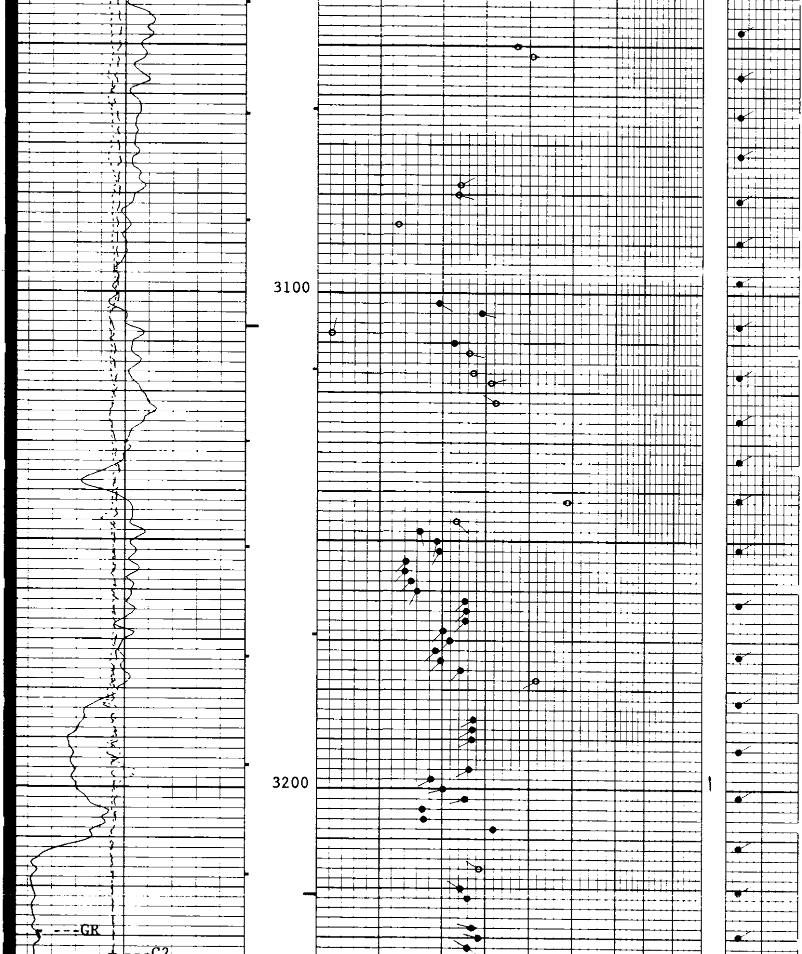


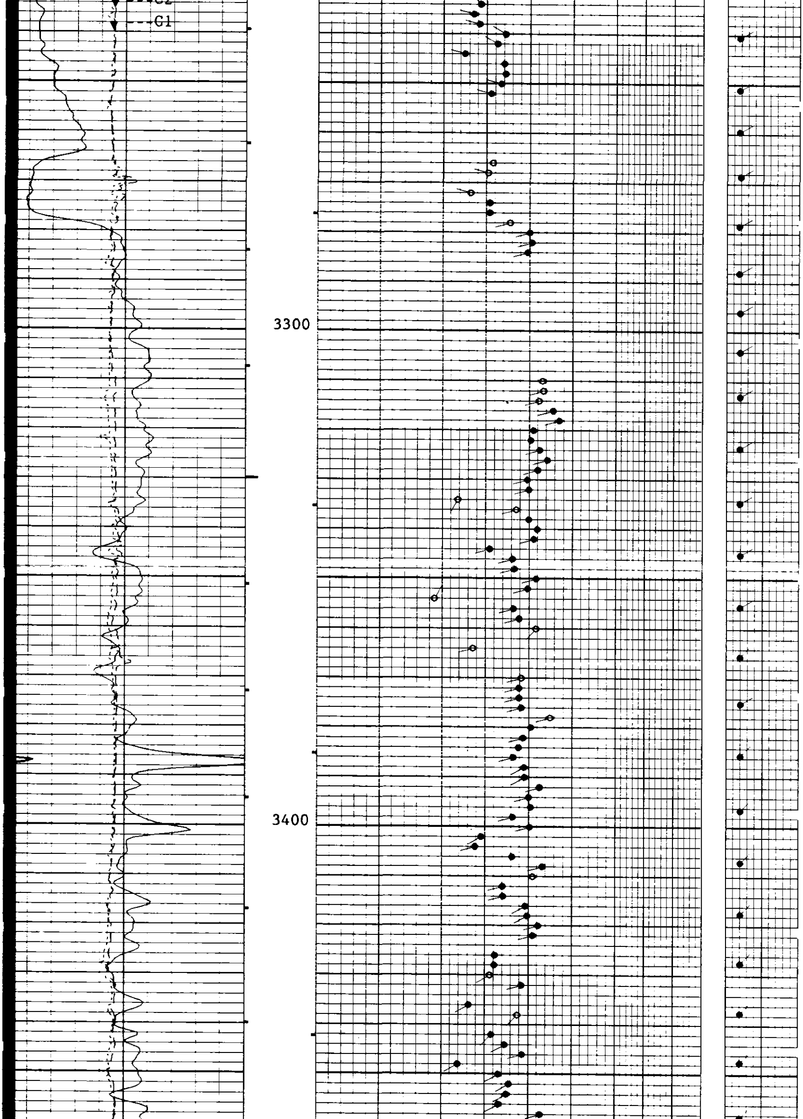


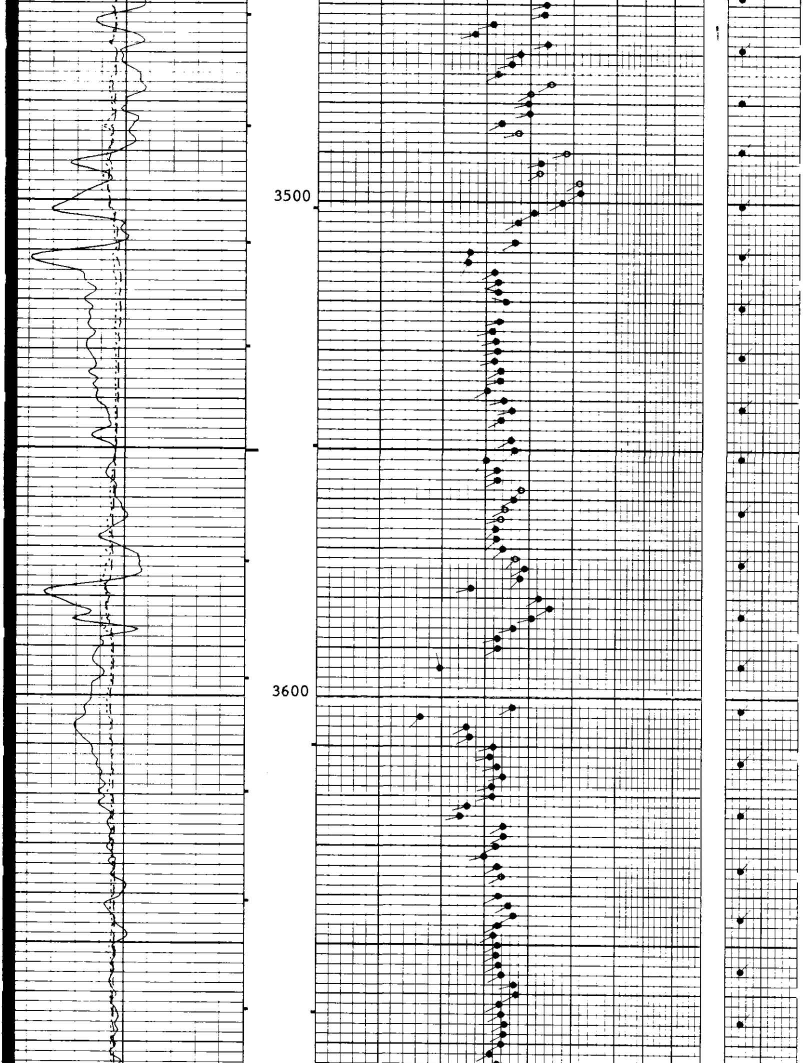


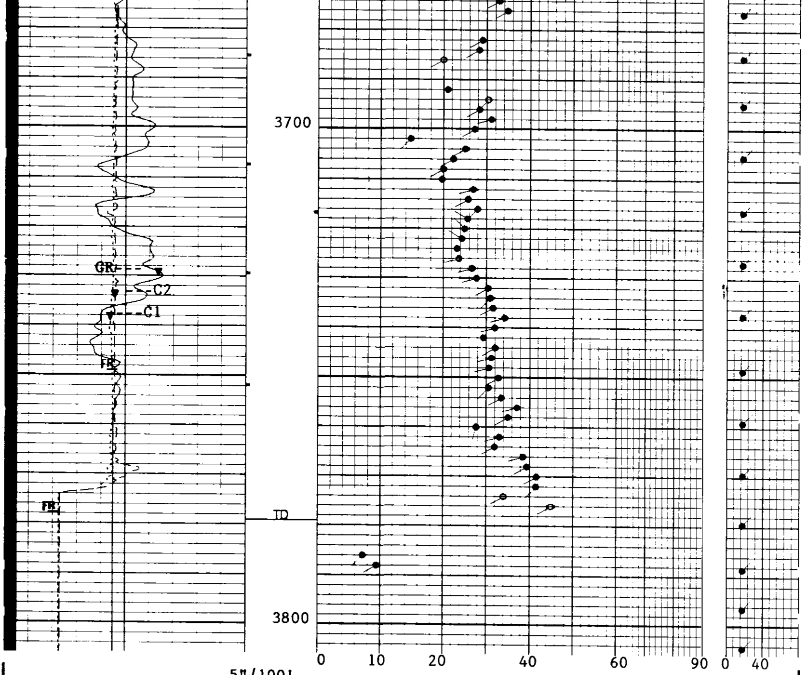












5"/100'

CP 38.2 FILE 1 16-OCT-1993 09:51

INPUT FILE(S) CREATION DATE
5 15-OCT-1993 22:27

GR(GAPI)
0.0 150.00
C2(IN)
0.0 20.000
C1(IN)
0.0 20.000

SENSOR MEASURE POINT TO TOOL ZERO

TENS	-2.9	FEET	GR	30.0	FEET
C2	1.1	FEET	C1	1.1	FEET
MRPD	1.1	FEET	MDRB	1.1	FEET
MRPB	1.1	FEET	MRPC	1.1	FEET
AX	1.1	FEET	MRPA	1.1	FEET
AZ	1.1	FEET	AY	1.1	FEET
FY	1.1	FEET	FX	1.1	FEET
FCAX	1.1	FEET	FZ	1.1	FEET
FCAZ	1.1	FEET	FCAY	1.1	FEET
FTIM	1.1	FEET			

PARAMETERS

PARAMETER	VALUE	UNIT
PADT - Presentation Allow Disallow Threshold	.500000	DEG
PP - Playback Processing	NORM	
DO - Depth Offset for Logical Unit LI1	0.0	F
NCJT - NGT Calibration Jig Type	GSRY	
FCSR - Fast Channel Sample Rate	0.1"	
AFMO - Accelerometer Filtering Mode	HAMM	
ICMO - Inclinometry Computation Mode	AUTO	
MDEC - Magnetic Field Declination	19.0000	DEG
GLM - GPIT Logging Mode	DIPM	
ICSD - Inclinometry Computation Stop Depth	380.000	F
RBS - Resistivity Button Selection	AUTO	
PTYP - Platform Type	MEC	
MLM - MEST Logging Mode	1800	
SOFF - Stand Off	-1.00000	IN
CSR - Curves Sampling Rate	.6"	
ODFO - Output Data Format	LIS	
XMOD - EMEX Voltage Regulation Mode	AUTO	
XGAI - Gain Setting	2	
XOFF - Offset Setting	0	
FCD - Future Casing Diameter	7.00000	IN
SPCR - Speed Correction Constant	DISA	
DSCA - Deviation Scale	40	DEG
SBUT - Set of Buttons Selected	ALL	
INT - Correlation Interval Length	4.00000	F
STEP - Step Length between Correlations	2.00000	F
SPAN - Span of Correlation Sample	4	
SANG - S Wave Arrival Angle	40.0000	
DPAD - Disallowed Pad	AUTO	
DMAX - Maximum Dip Plotted	90	DEG
ELRA - Electrical Radius	.500000	IN
SDFA - Side-By-Side Distance Factor	.900000	
HQUA - High Quality Dip	14	
LQUA - Low Quality Dip	6	
STDI - Structural Dip	0.0	DEG
STDA - Structural Azimuth Value	0.0	DEG
CSBL - CSB Number of Levels	2	
BS - Bit Size	8.75000	IN
BHS - BoreHole Status (Open or Cased)	OPEN	

REPEAT SECTION

MEST CYBERDIP

STRUCTURAL DIP NOT REMOVED

MIRROR IMAGES REMOVED

SPEED CORRECTION NOT APPLIED

ACCUMULATED INTEGRATION VALUES SUMMARY:

```
Integrated Hole Volume:    59.4654 F3    FROM 3779.00 F    TO 3641.00 F
Integrated Cement Volume:  23.9623 F3    FROM 3779.00 F    TO 3641.00 F
  (ASSUMING 7.00000 IN   O.D. CASING)
```

EVENT MARK SUMMARY:

OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
Integrated Hole Volume	10.0000 F3	LEFT EDGE
Integrated Cement Volume	10.0000 F3	RIGHT EDGE

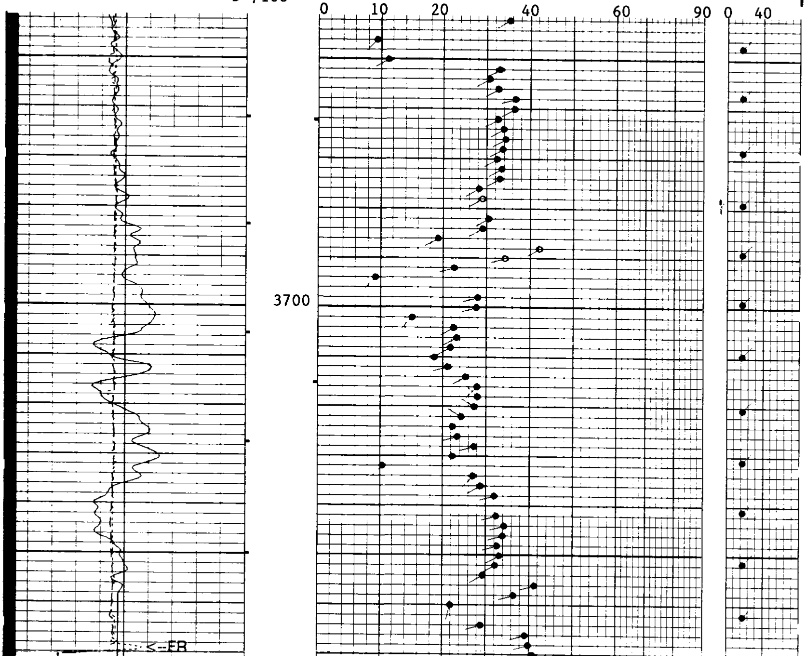
GR(GAPI)
0.0 150.00
C2(IN)
0.0 20.000
C1(IN)
0.0 20.000

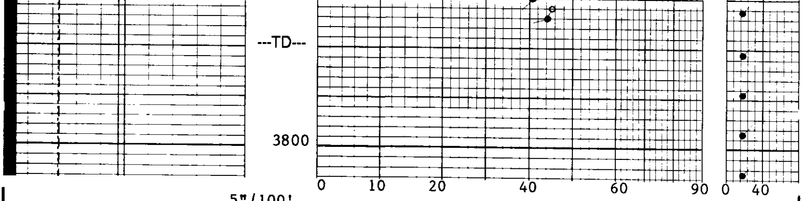
CP 38.2 FILE 1 15-OCT-1993 23:00

INPUT FILE(S) 3

CREATION DATE 15-OCT-1993 22:55

5"/100'





5"/100'

CP 38.2 FILE 1 15-OCT-1993 22:57

INPUT FILE(S) CREATION DATE
3 15-OCT-1993 22:55

GR(GAPI)
0.0 150.00
C2(IN)
0.0 20.000
C1(IN)
0.0 20.000

SENSOR MEASURE POINT TO TOOL ZERO

TENS	-2.9	FEET	GR	30.0	FEET
C2	1.1	FEET	C1	1.1	FEET
MRPD	1.1	FEET	MDRB	1.1	FEET
MRPB	1.1	FEET	MRPC	1.1	FEET
AX	1.1	FEET	MRPA	1.1	FEET
AZ	1.1	FEET	AY	1.1	FEET
FY	1.1	FEET	FX	1.1	FEET
FCAX	1.1	FEET	FZ	1.1	FEET
FCAZ	1.1	FEET	FCAY	1.1	FEET
FTIM	1.1	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PADT	.500000	DEG	PP	NORM	
DO	0.0	F	NCJT	GSRY	
FCSR	0.1"		AFMO	HAMM	
ICMO	AUTO		MDEC	19.0000	DEG
GLM	DIPM		ICSD	380.000	F
RBS	AUTO		PTYP	MEC	
MLM	1800		SOFF	-1.00000	IN
CSR	.6"		ODFO	LIS	
XMOD	AUTO		XGAI	2	
XOFF	0		FCD	7.00000	IN
SPCR	DISA		DSCA	40	DEG
SBUT	ALL		INT	4.00000	F
STEP	2.00000	F	SPAN	4	
SANG	40.0000		DPAD	AUTO	
DMAX	90	DEG	ELRA	.500000	IN
SDFA	.900000		HQUA	14	
LQUA	6		STDI	0.0	DEG
STDA	0.0	DEG	CSBL	2	
BS	8.75000	IN	BHS	OPEN	

COMPANY	CARBON ENERGY INT.			SCHL.	FR	3777.0 F
				SCHL.	TD	3779.0 F
WELL	"COOS COUNTY FOREST" #7-1			DRLR.	TD	3804.0 F
FIELD	WILD CAT			Elev:	KB	548.0 F
					DF	547.0 F
COUNTY	COOS	**STATE**	OREGON		GL	530.0 F

Schlumberger

CYBERDIP