CC 41-28-65

Schlumberger

CEMENT BOND LOG W/ GAMMA RAY

CSU Field Log

COMPANY: TENNECO OIL COMPANY
WELL: COLUMBIA COUNTY NO. 41-28
FIELD: MIST-SOUTH
COUNTY: COLUMBIA
STATE: OREGON

RECEIVED-PTLD
NOV 12 1985
DEPT. OF GEOLOGY
[illegible]

LOCATION: 307' WEST & 370' SOUTH
FROM THE N/E CORNER OF:
SEC: 28 TWP: 6N RGE: 5W

OTHER SERVICES-

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 931.7 F
LOG MEASURED FROM: KB
11.5 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 943.2 F
DF: 942.3 F
GL: 931.7 F

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
269158

DATE: 26 SEP 85
RUN NO: 1

DEPTH-DRILLER: 2178.0 F
DEPTH-LOGGER: 2130.0 F
BTM. LOG INTERVAL: 2122.0 F
TOP LOG INTERVAL: 1070.0 F

CASING-DRILLER: 398 F 2178 F
CASING-LOGGER: 399 F
CASING: 8 5/8 5 1/2

BIT SIZE: 7 7/8

TYPE FLUID IN HOLE:
DENSITY:
VISCOSITY:
PH:
FLUID LOSS:
SOURCE OF SAMPLE:
RM: AT
RMF: AT
RMC: AT
SOURCE RMF/RMC: /
RM AT BHT: AT
RMF AT BHT: AT
RMC AT BHT: AT

TIME CIRC. STOPPED:
TIME LOGGER ON BTM.:

MAX. REC. TEMP:

LOGGING UNIT NO: 5913
LOGGING UNIT LOC: BAKERSFIELD P.S.
RECORDED BY: MOZINGO
WITNESSED BY: MR. WORKS

REMARKS:

CORRELATED TO WELEX DUAL INDUCTION LOG RUN ON 9-23-85
MAIN PASS RUN W/O PRESSURE DUE TO CUSTOMER REQUEST
FLUID LEVEL AT 1070'

EQUIPMENT NUMBERS-

SLM DA 1158	SLC FA 576	SLS RC 461	CAL R 1295
NLM BC 571	SGC JC 2516		

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

FILE 0 26-SEP-85 11:42

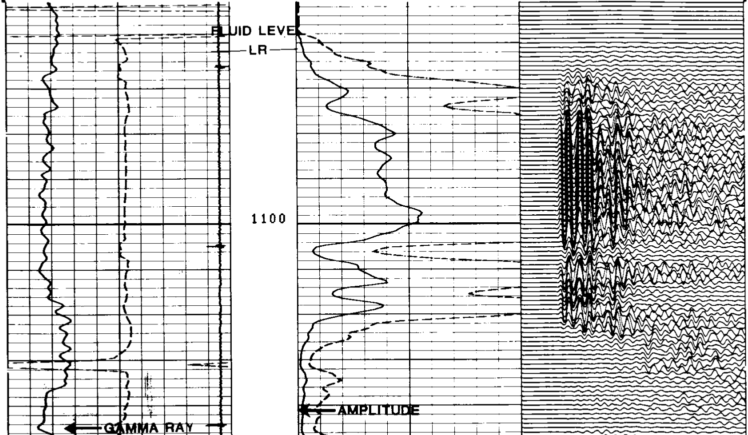
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

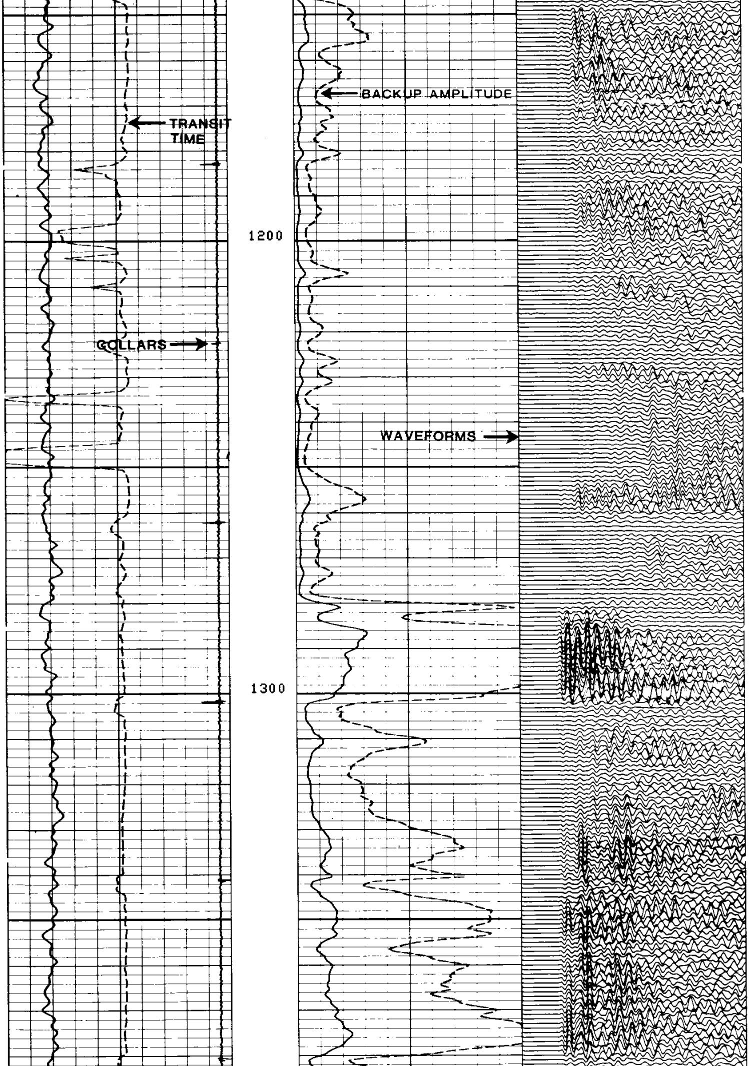
CBL (MV)
0.0 20.000
CBL (MV)
0.0 100.00

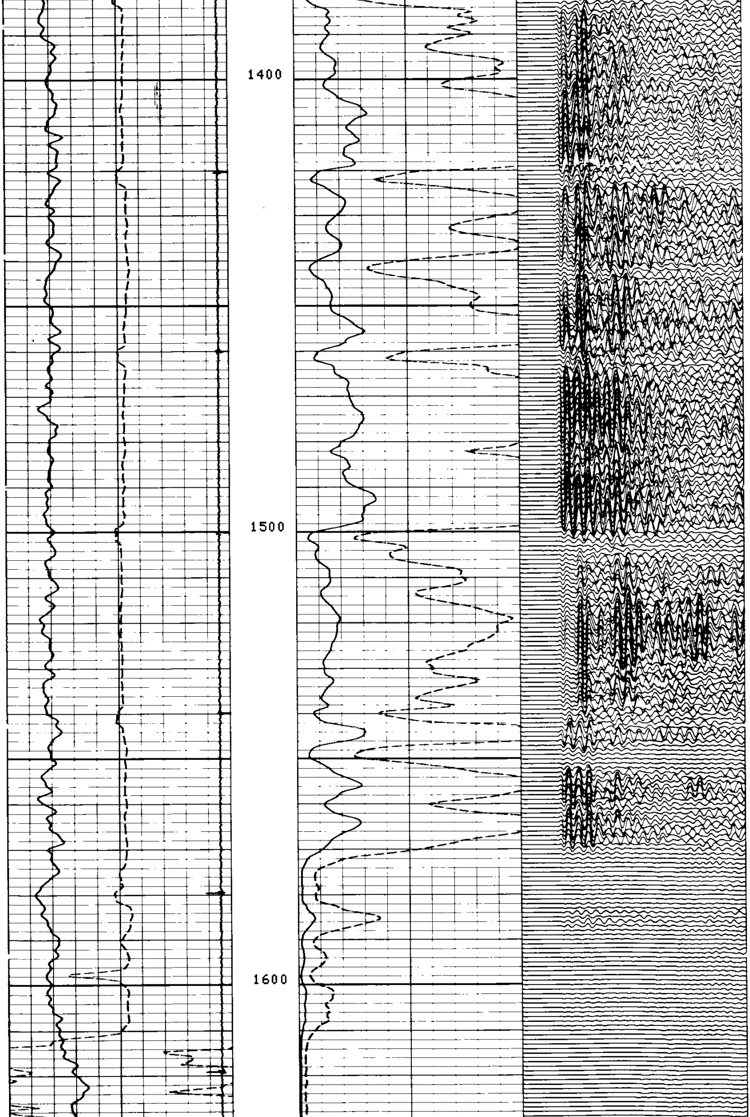
WAVE
200.00 1200.0

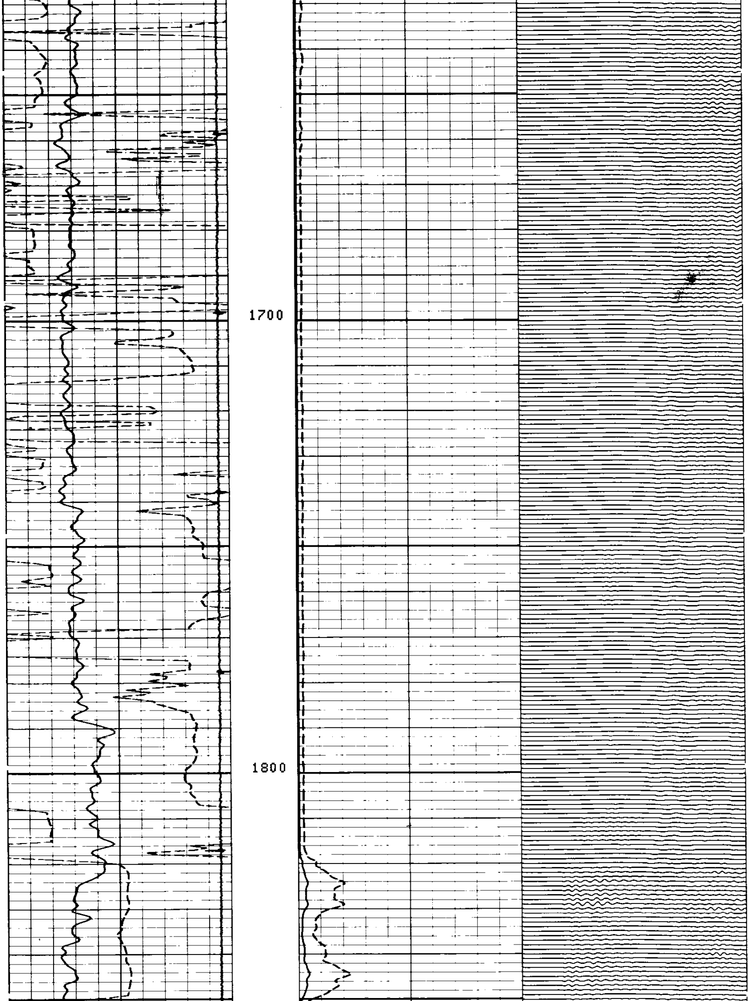
MAIN LOG

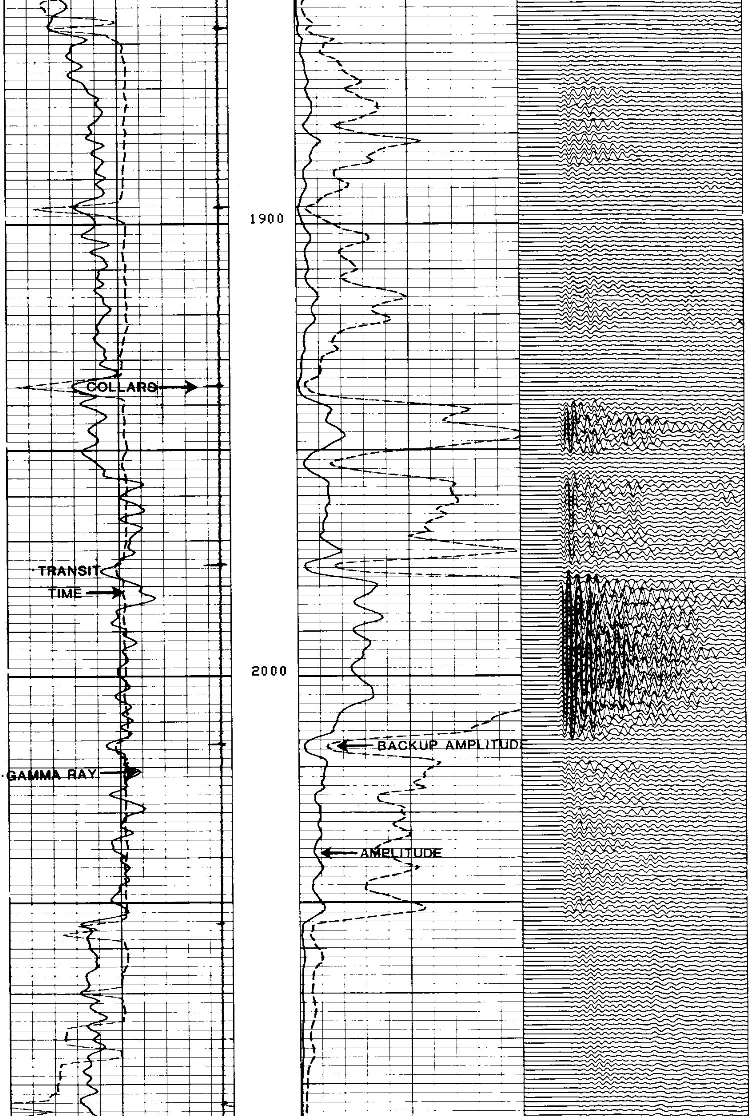
FILE 9 26-SEP-85 10:47

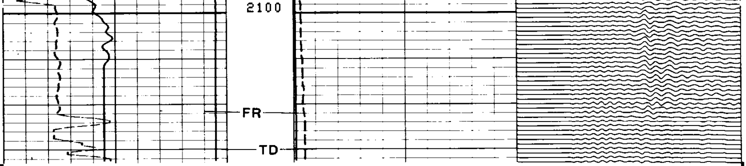












MAIN LOG

FILE 9 26-SEP-85 10:25

TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

CBL (MV)
0.0 20.000
CBL (MV)
0.0 100.00

WAVE
200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.3	FEET	SRAT	5.7	FEET
CCL	33.0	FEET	TENS	8.4	FEET
NOIS	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CWEI	15.5000	LB/F	BILI	.700000	
DWS	16		CSTR	2000.00	PSIA
DDEL	200	US	WSV1	WF1	
DWCO	512		DSIN	5	US
DTM	56.0000	US/F	CDTS	100.000	
CSIZ	5.50000	IN	DTF	189.000	US/F
BS	7.87500	IN	BHS	CASE	

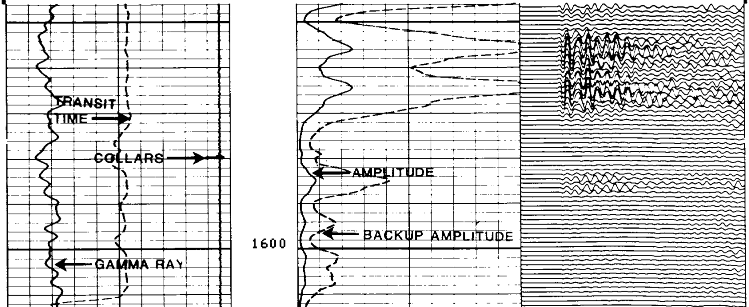
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

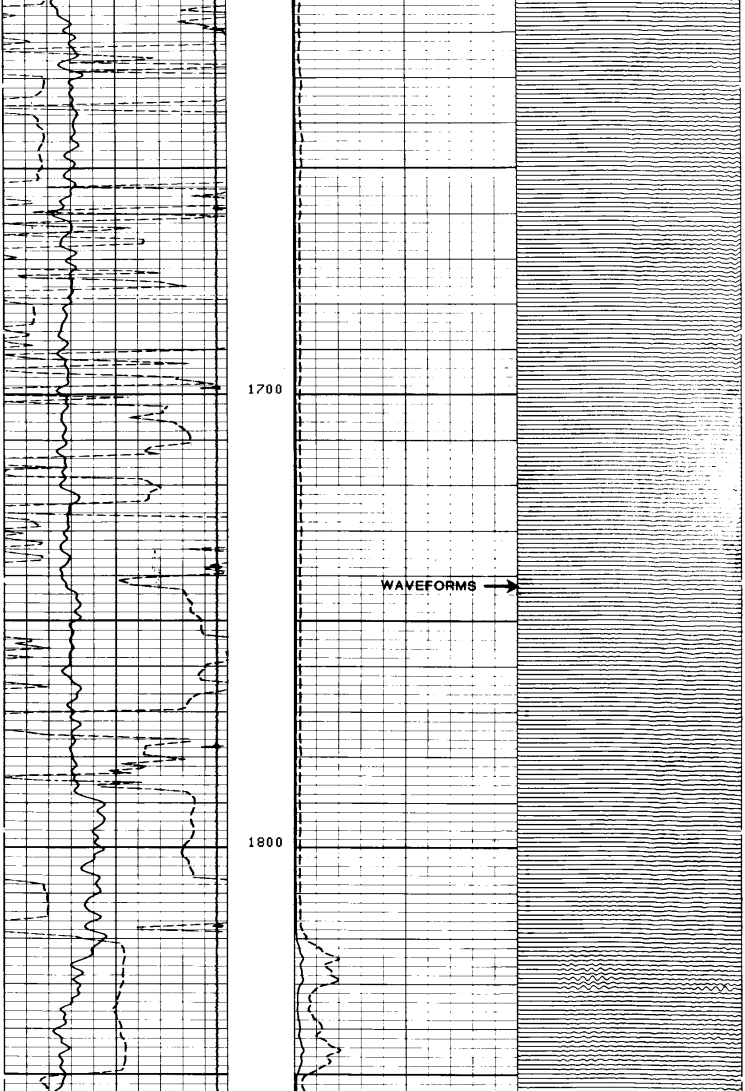
CBL (MV)
0.0 20.000
CBL (MV)
0.0 100.00

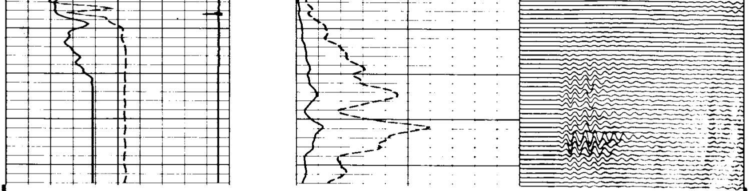
WAVE
200.00 1200.0

REPEAT SECTION

FILE 10 26-SEP-85 10:59







REPEAT SECTION

FILE 10 26-SEP-85 10:52

TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

CBL (MV)
0.0 20.000
CBL (MV)
0.0 100.00

WAVE
200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.3	FEET	SRAT	5.7	FEET
CCL	33.0	FEET	TENS	8.4	FEET
NOIS	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CWEI	15.5000	LB/F	BILI	.700000	
DWS	16		CSTR	2000.00	PSIA
DDEL	200	US	WSV1	WF1	
DWCO	512		DSIN	5	US
DTM	56.0000	US/F	CDTS	100.000	
CSIZ	5.50000	IN	DTF	189.000	US/F
BS	7.87500	IN	BHS	CASE	

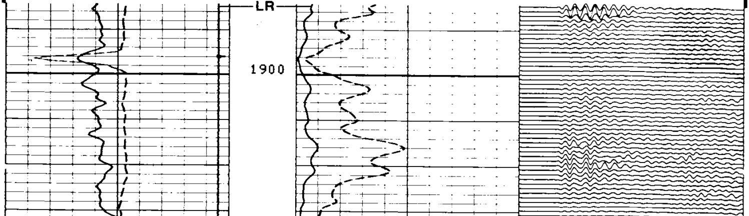
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

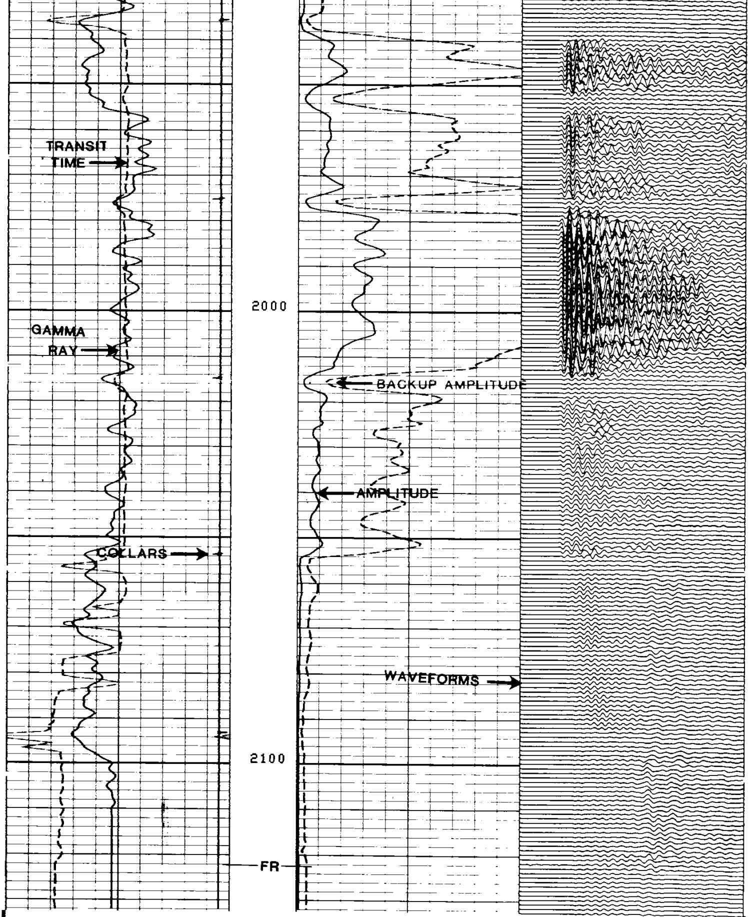
CBL (MV)
0.0 20.000
CBL (MV)
0.0 100.00

WAVE
200.00 1200.0

REPEAT SECTION

FILE 6 26-SEP-85 10:22





REPEAT SECTION

FILE 6 26-SEP-85 10:16

TT2 (US) 300.00 200.00 CCL -19.00 1.0000 GR (GAPI) 0.0 150.00	CBL (MV) 0.0 20.000 CBL (MV) 0.0 100.00	WAVE 200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.5	FEET	SRAT	5.7	FEET
CCL	33.2	FEET	TENS	8.4	FEET
NDIS	0.0	FEET			

PARAMETERS

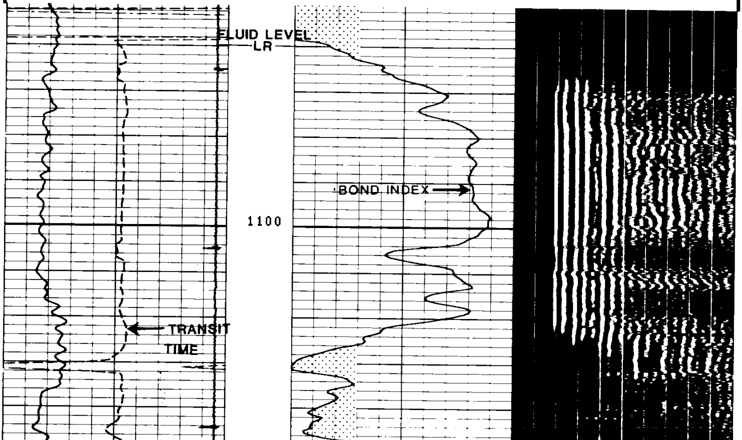
NAME	VALUE	UNIT	NAME	VALUE	UNIT
CWEI	15.5000	LB/F	BILI	.700000	
DWS	16		CSTR	2000.00	PSIA
DDEL	200	US	WSV1	WF1	
DWCO	512		DSIN	5	US
DTM	56.0000	US/F	CDTS	100.000	
CSIZ	5.50000	IN	DTF	189.000	US/F
BS	7.87500	IN	BHS	CASE	

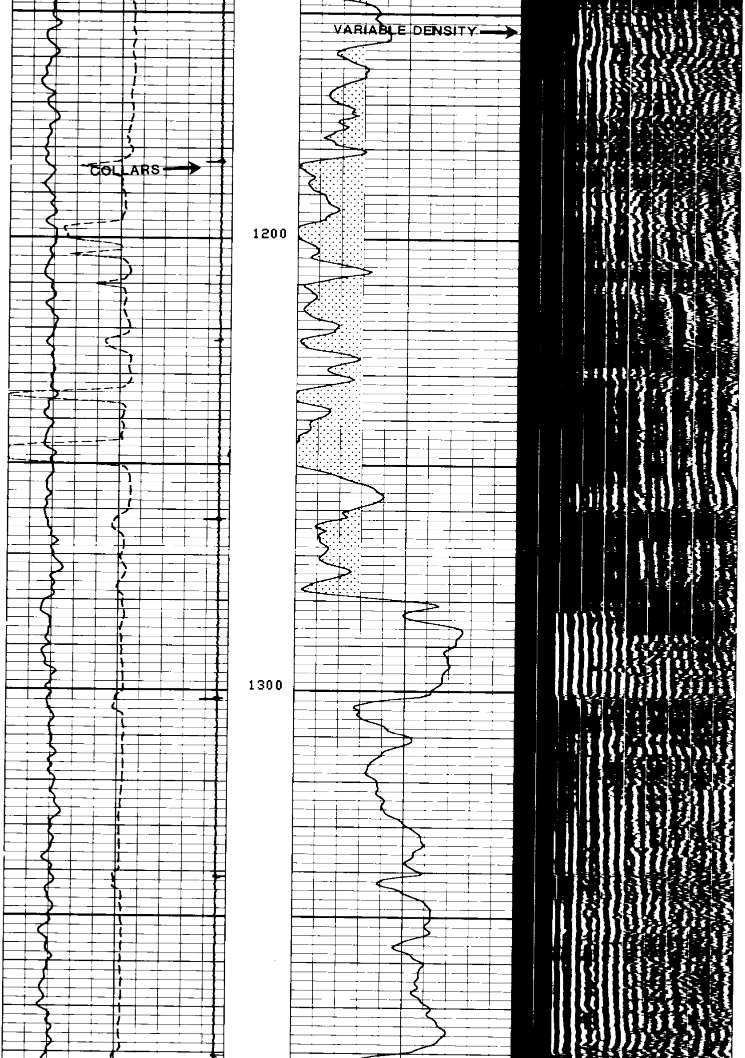
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

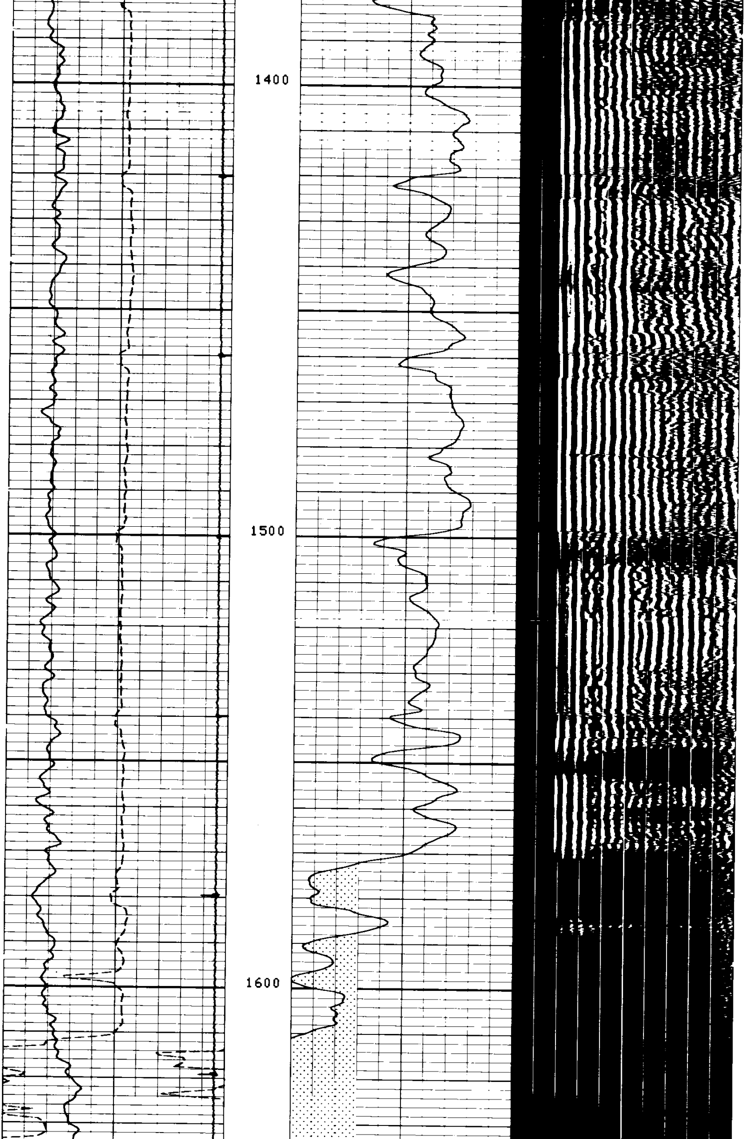
BI
1.0000 0.0

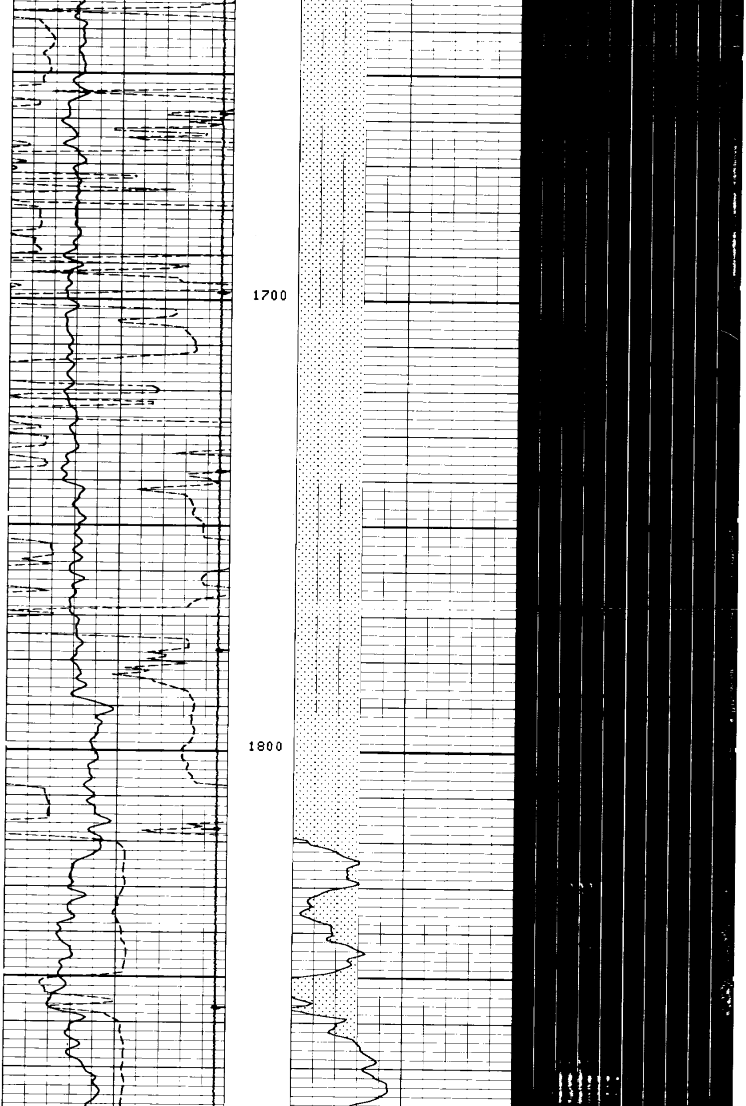
MAIN LOG

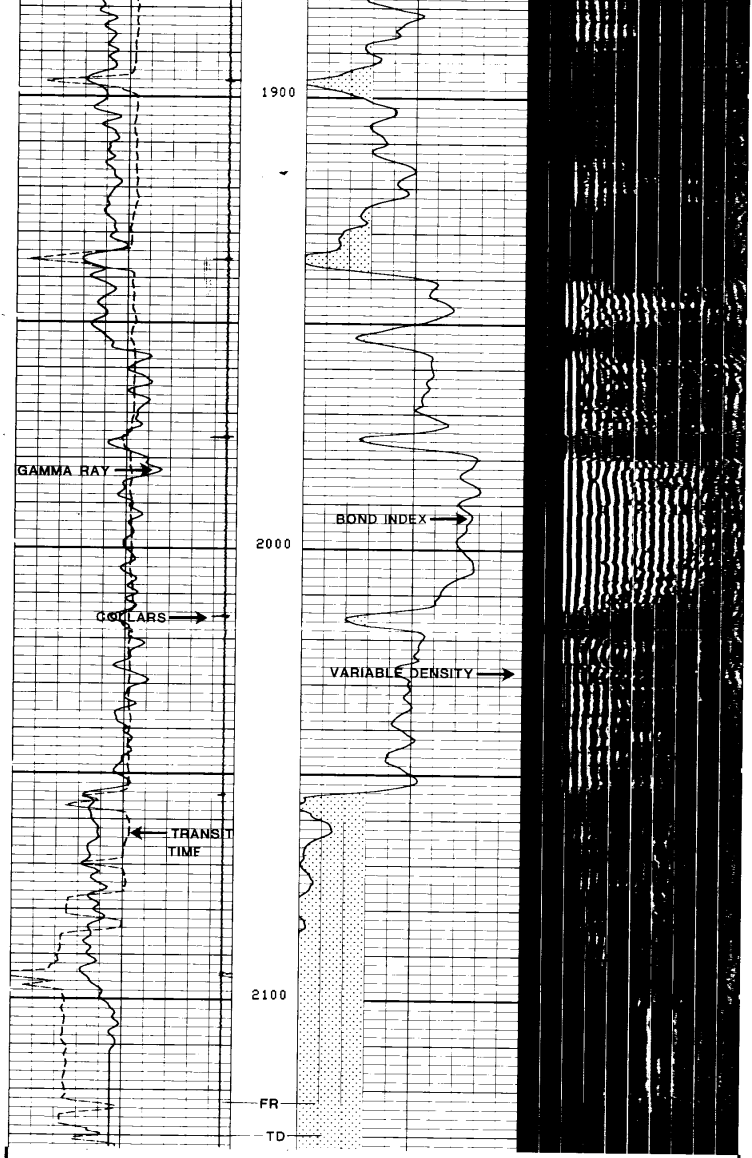
FILE 9 26-SEP-85 10:47











MAIN LOG FILE 9 26-SEP-85 10:25

TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

BI
1.0000 0.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.3	FEET	SRAT	5.7	FEET
CCL	33.0	FEET	TENS	8.4	FEET
NOIS	0.0	FEET			

PARAMETERS

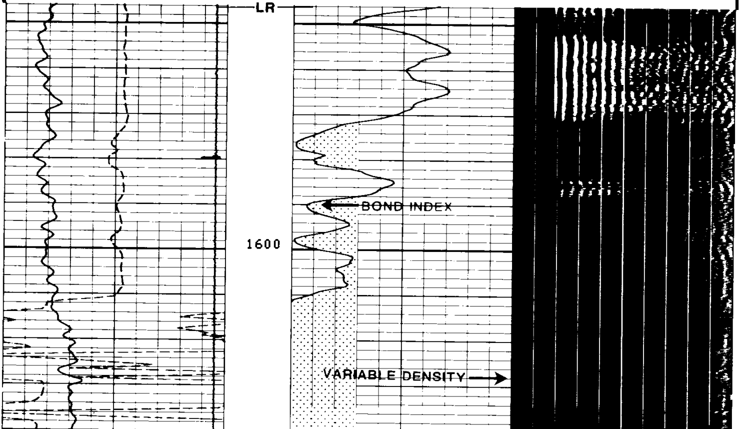
NAME	VALUE	UNIT	NAME	VALUE	UNIT
CWEI	15.5000	LB/F	BILI	.700000	
DWS	16		CSTR	2000.00	PSIA
DDEL	200	US	WSV1	WF1	
DWCO	512		DSIN	5	US
DTM	56.0000	US/F	CDTS	100.000	
CSIZ	5.50000	IN	DTF	189.000	US/F
BS	7.87500	IN	BHS	CASE	

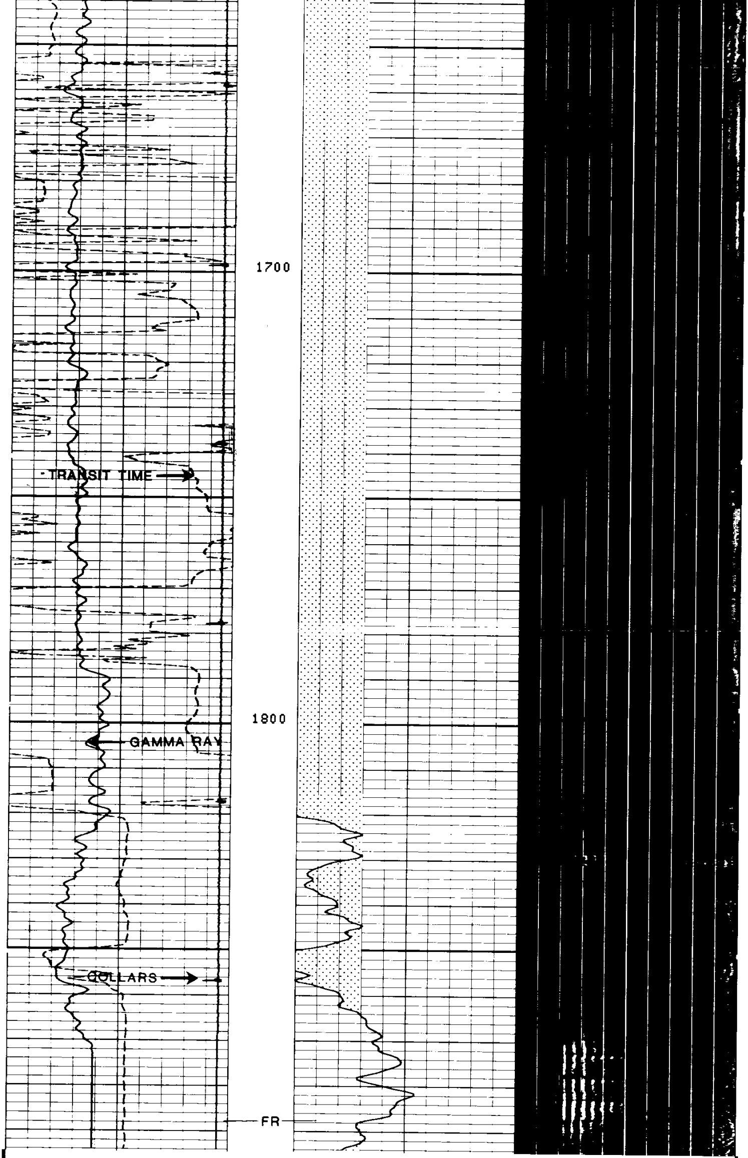
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

BI
1.0000 0.0

REPEAT SECTION

FILE 10 26-SEP-85 10:59





REPEAT SECTION FILE 10 26-SEP-85 10:52

TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

BI
1.0000 0.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.3	FEET	SRAT	5.7	FEET
CCL	33.0	FEET	TENS	8.4	FEET
NOIS	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CWEI	15.5000	LB/F	BILI	.700000	
DWS	16		CSTR	2000.00	PSIA
DDEL	200	US	WSV1	WF1	
DWCD	512		DSIN	5	US
DTM	56.0000	US/F	CDTS	100.000	
CSIZ	5.50000	IN	DTF	189.000	US/F
BS	7.87500	IN	BHS	CASE	

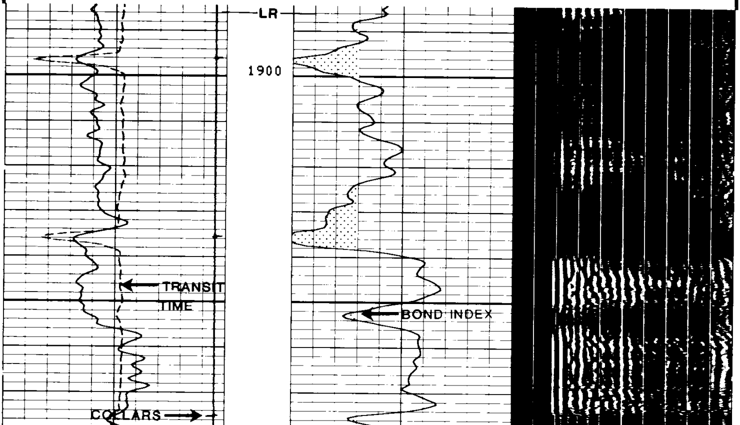
TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

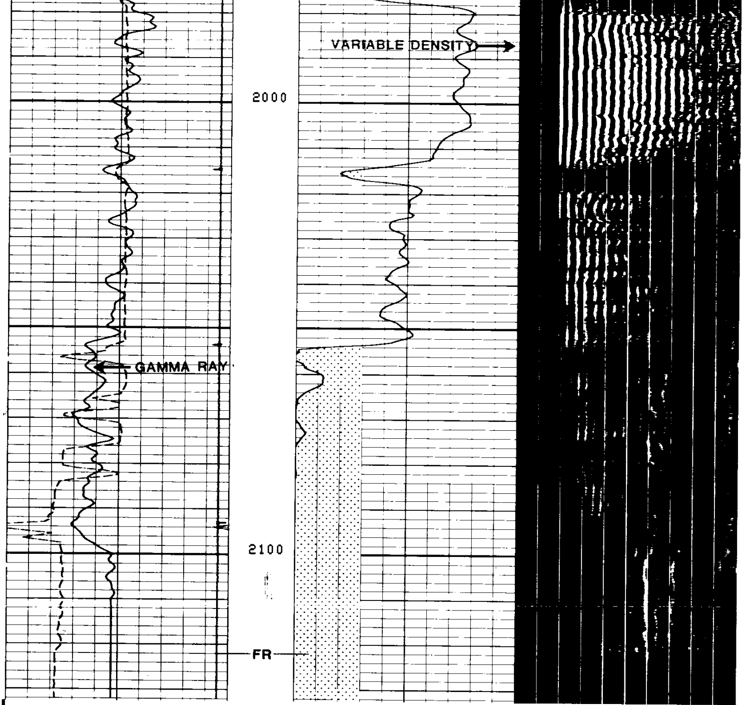
BI
1.0000 0.0

VDL
200.00 1200.0

REPEAT SECTION

FILE 6 26-SEP-85 10:22





REPEAT SECTION FILE 6 26-SEP-85 10:16

TT2 (US)
300.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

BI
1.0000 0.0

VDL
200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.4	FEET	AMPL	8.4	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.4	FEET
GR	29.5	FEET	SRAT	5.7	FEET
CCL	33.2	FEET	TENS	8.4	FEET
NOIS	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT

```
CWEI 15.5000   LB/F                 BILI .700000
DWS  16                             CSTR 2000.00   PSIA
DDEL 200       US                   WSV1 WF1
DWCO 512                            DSIN 5         US
DTM  56.0000   US/F                 CDTS 100.000
CSIZ 5.50000   IN                   DTF  189.000   US/F
BS   7.87500   IN                   BHS  CASE
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           BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:     85/09/26
  PROGRAM FILE: CBL    (VERSION    26.2    00/00/00)


SGTE                DETECTOR CALIBRATION SUMMARY

            MEASURED
          BKGD    JIG        CALIBRATED        UNITS
   GR      19     178           165            GAPI

                 FILE     0      26-SEP-85 07:37
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-END-