Cement Bond Log

Schlumberger

CEMENT BOND LOG

CSU

COMPANY:	ARCO EXPLORATION COMPANY			
WELL:	"COLUMBIA COUNTY" #44-21			
FIELD:	SOUTH MIST			
COUNTY:	COLUMBIA			
STATE:	OREGON			
NATION:	U.S.A.			
LOCATION:	272' N AND 472' W FROM SE CORNER OF			
SEC:	21	TWP: 6N	RGE: 5W	

PERMANENT DATUM:	GL	ELEVATIONS-
ELEV. OF PERM. DATUM:	869.6 F	KB: 880.0 F
LOG MEASURED FROM:	KB	DF: 879.0 F
10.3 F ABOVE PERM. DATUM		GL: 869.6 F
DRLG. MEASURED FROM:	KB	

DATE: 9 FEB 85
RUN NO: 1

DEPTH-DRILLER:		
DEPTH-LOGGER:		
BTM. LOG INTERVAL:	1992.0 F	
TOP LOG INTERVAL:	50.0 F	
CASING-DRILLER:	990 F	2138 F
CASING-LOGGER:	990 F	
CASING:	9 5/8	5 1/2
BIT SIZE:		8 3/4

OTHER SERVICES-
CET
PERF

API SERIAL NO:
36 009 001

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
271641

TYPE FLUID IN HOLE: 2% KCL
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.: 0515

MAX. REC. TEMP:

LOGGING UNIT NO: 5898
LOGGING UNIT LOC: BKSF. PROD SVC
RECORDED BY: MARTENS
WITNESSED BY: ADLER/HOWARD

REMARKS:

CEMENT IN PLACE 11:11 8 FEB 85

CEMENTED W/ 675 SX CLASS "G" 10% NACL & 1 % HALAD 322
LEAD SLURRY 375 SX 16#/GAL
TAIL SLURRY 300 SX 17#/GAL

CORELATED TO FDC/CNL RUN 7 FEB 85

EQUIPMENT NUMBERS-

CPU-CBB 1018	NLM-BC 533	SLM-DA 1160	SLC-MA 245
SLS-WA 1573	CAL-R 1069	SGC-JC 1668	

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.

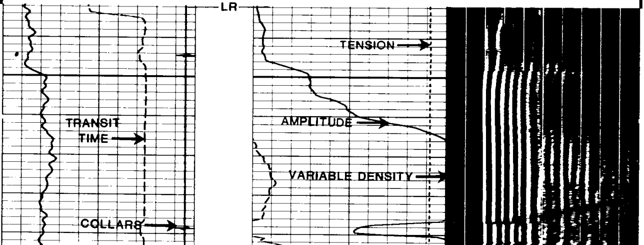
TT2 (US)
400.00 200.00
CCL
-19.00 1.0000
GR (GAPI)
0.0 150.00

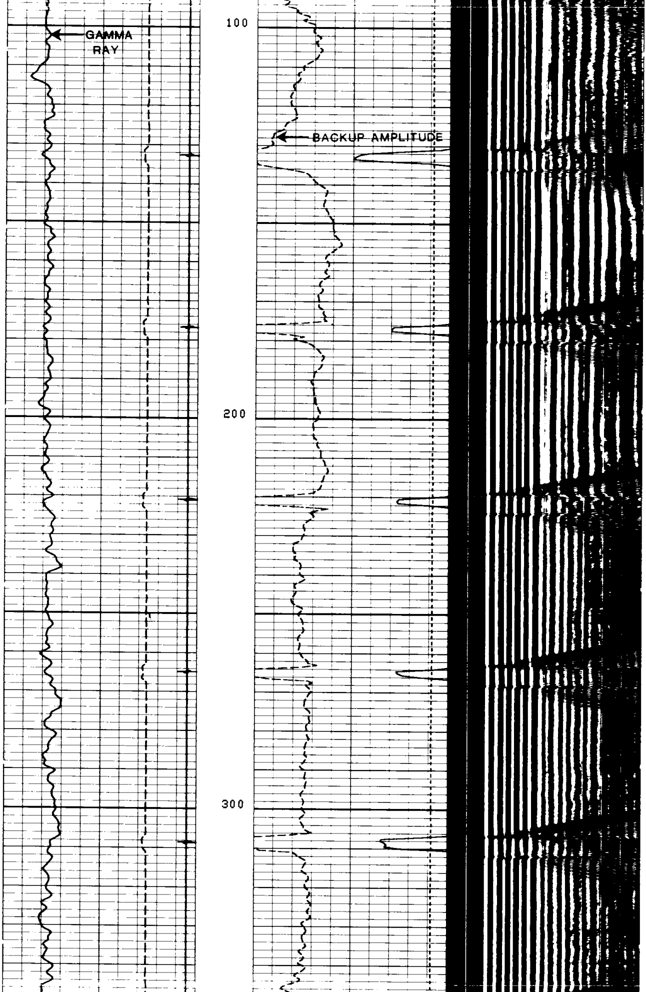
TENS(LB)
10000. 0.0
CBL (MV)
50.000 100.00
CBL (MV)
0.0 50.000

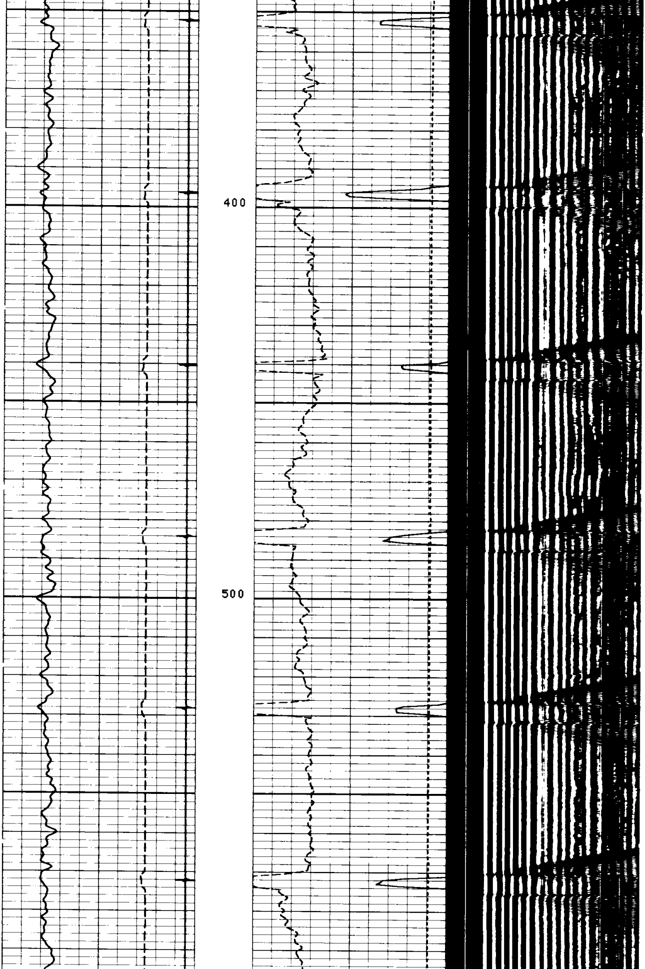
VDL1
200.00 1200.0

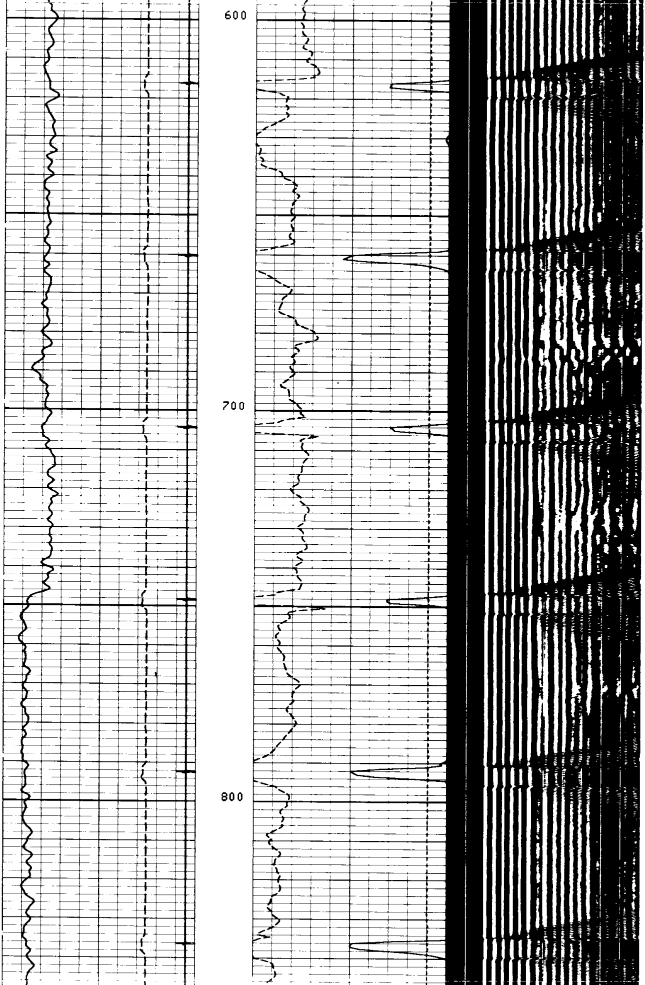
MAIN LOG

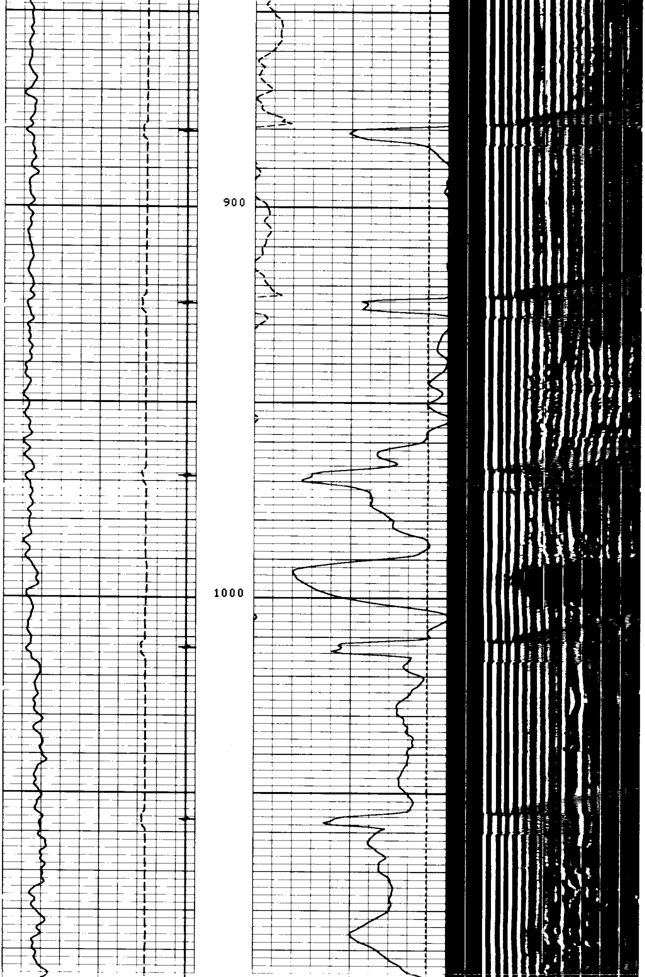
FILE 7 9-FEB-85 06:02

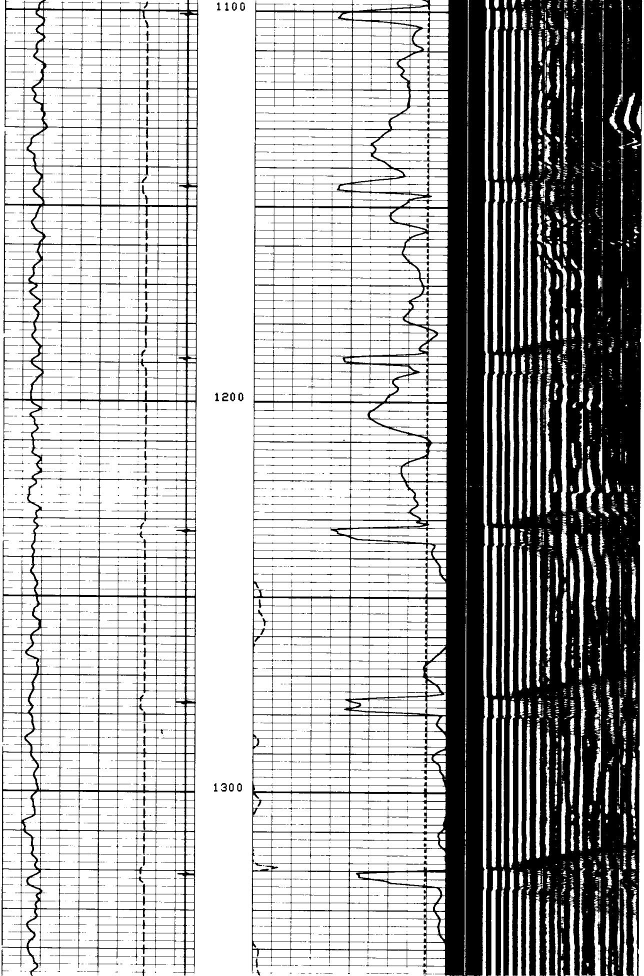


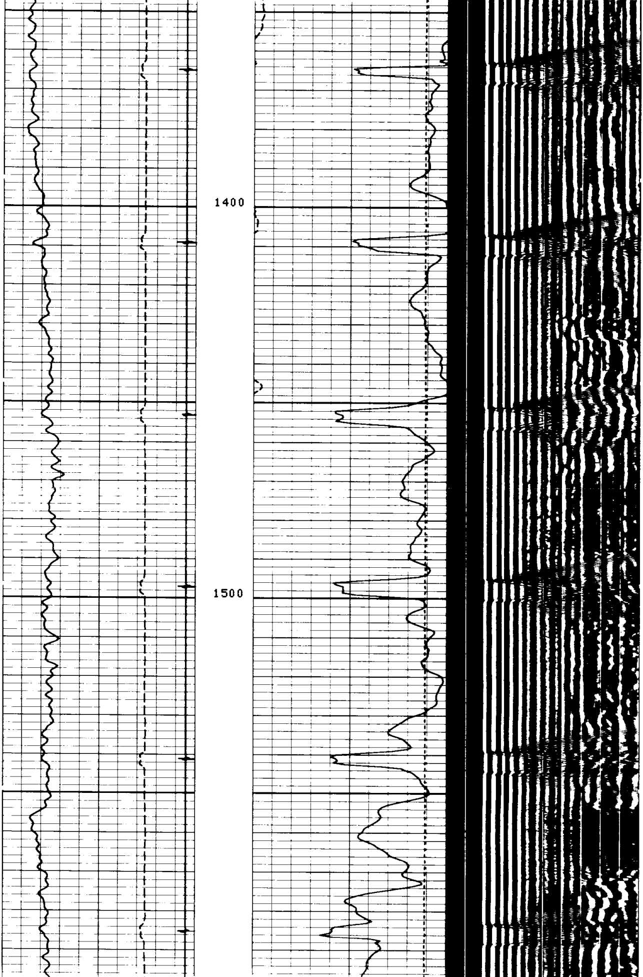


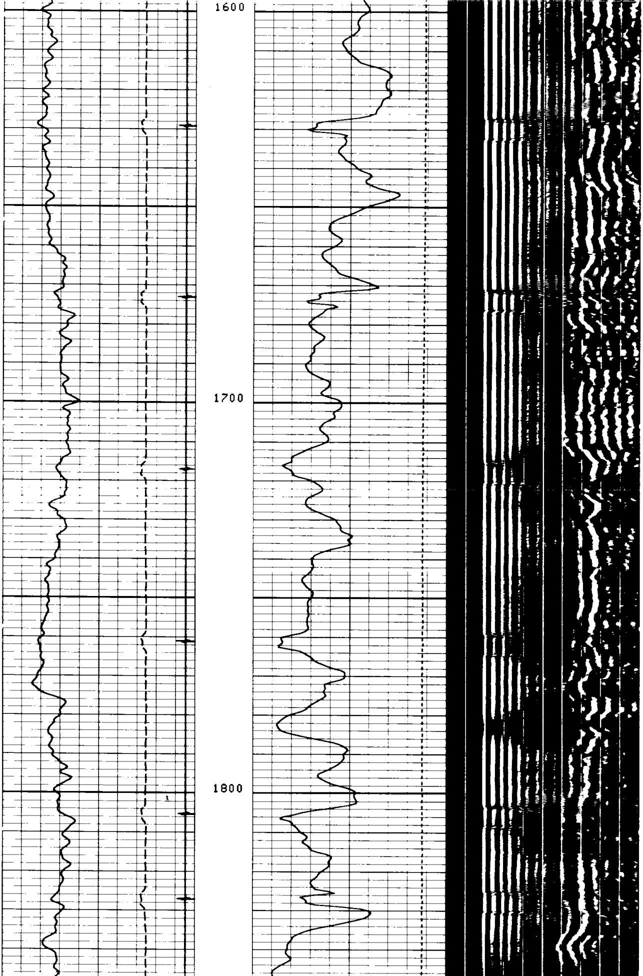


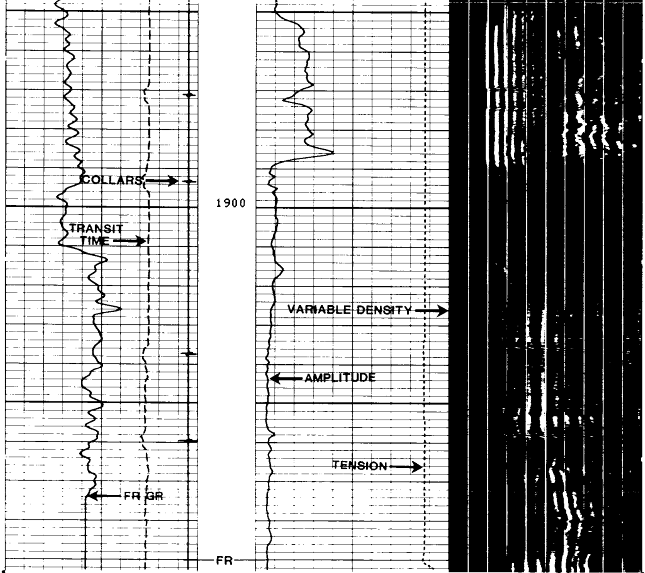












FILE 7 09-FEB-85 05:19

MAIN LOG

TT2 (US)	TENS(LB)	
400.00 200.00	10000. 0.0	
CCL	CBL (MV)	
-19.00 1.0000	50.000 100.00	
GR (GAPI)	CBL (MV)	VDL1
0.0 150.00	0.0 50.000	200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.2	FEET	AMPL	8.2	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.2	FEET
GR	26.4	FEET	SRAT	5.7	FEET
CCL	30.0	FEET	TENS	8.2	FEET
NOIS	0.0	FEET			

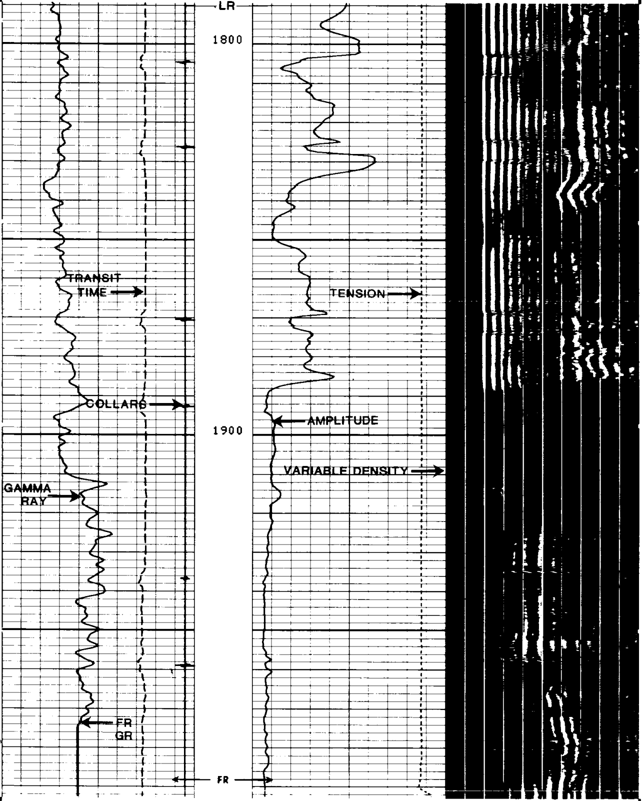
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
BILI	.700000		MSA	1.40000	MV
CSTR	2500.00	PSIA	CWEI	17.0000	LB/F
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
BHS	CASE		CSIZ	5.50000	IN
BS	8.75000	IN			

TT2 (US) 400.00 200.00 | TENS(LB) 10000. 0.0
CCL -19.00 1.0000 | CBL (MV) 50.000 100.00
GR (GAPI) 0.0 150.00 | CBL (MV) 0.0 50.000 | VDL1 200.00 1200.0

REPEAT SECTION

FILE 6 09-FEB-85 05:16



FILE 6 09-FEB-85 05:12 REPEAT SECTION

TT2 (US)	TENS(LB)	
400.00 200.00	10000. 0.0	
CCL	CBL (MV)	
-19.00 1.0000	50.000 100.00	
GR (GAPI)	CBL (MV)	VDL1
0.0 150.00	0.0 50.000	200.00 1200.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.2	FEET	AMPL	8.2	FEET
TT3	4.5	FEET	TT4	3.5	FEET
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GR	26.4	FEET	SRAT	5.7	FEET
CCL	30.0	FEET	TENS	8.2	FEET
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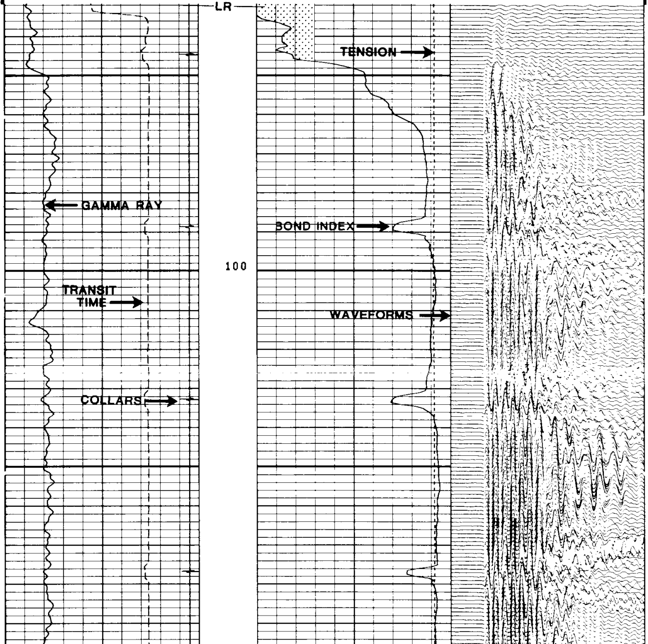
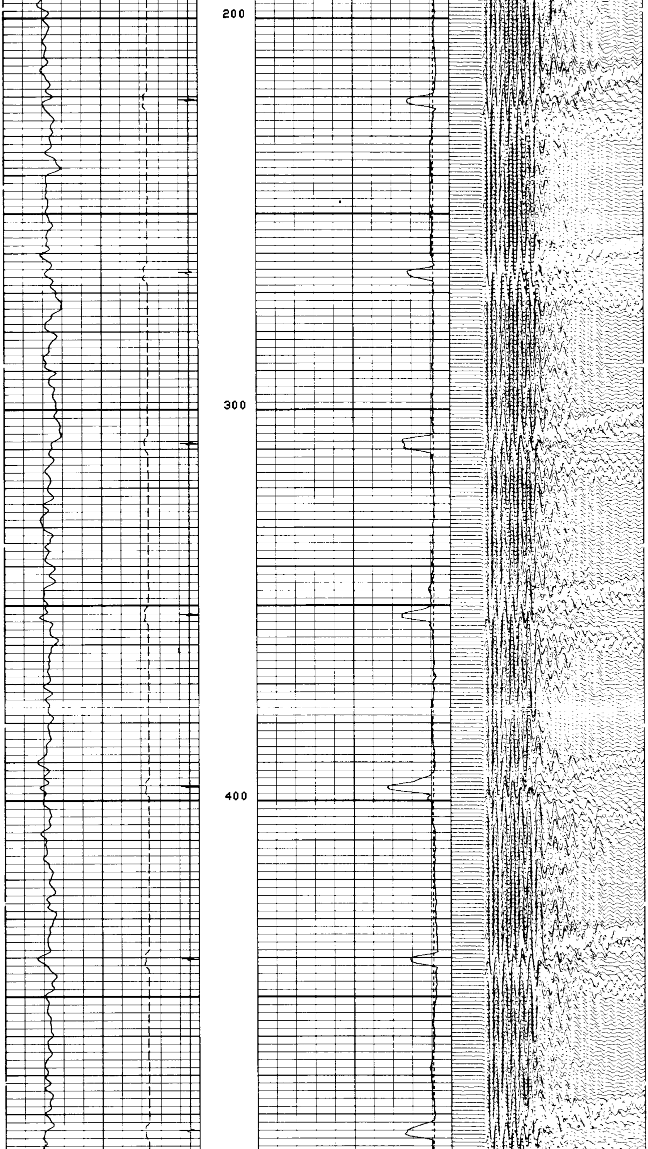
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
BHS	CASE		CSIZ	5.50000	IN
BS	8.75000	IN			

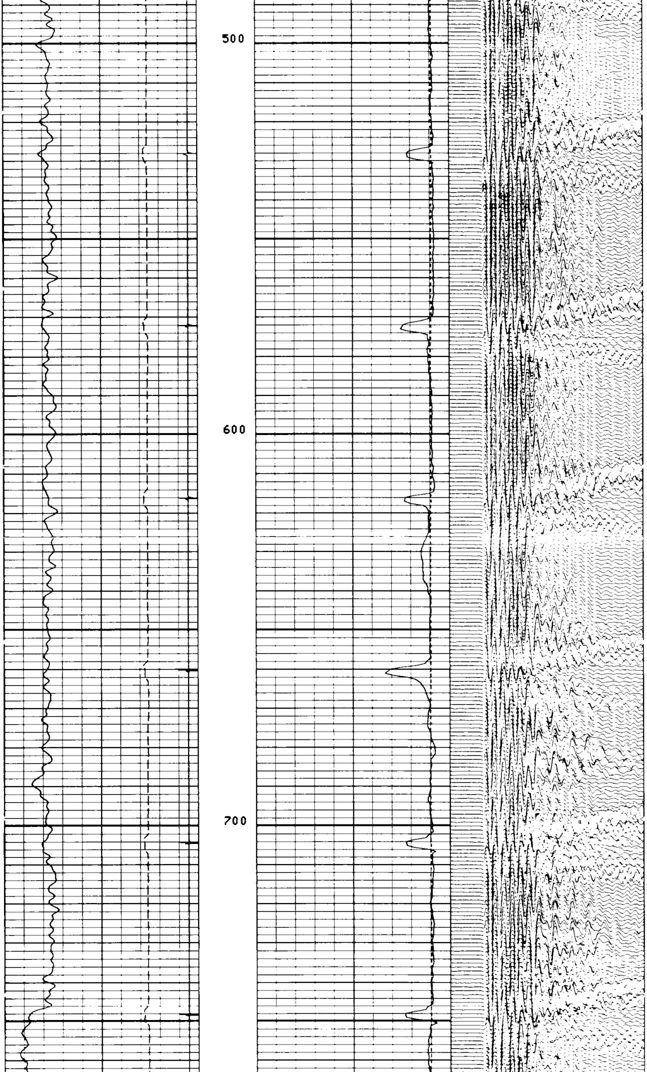
TT2 (US)		BI	
400.00	200.00	1.0000	0.0
CCL		TENS(LB)	
-19.00	1.0000	10000.	0.0
GR (GAPI)			
0.0	150.00		

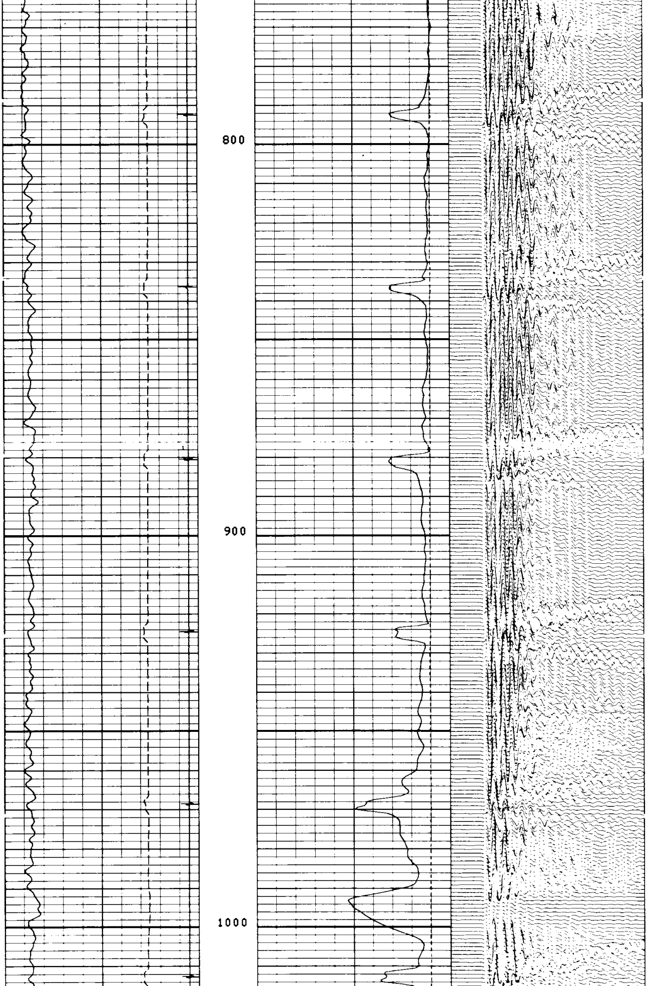
FILE 7 09-FEB-85 06:02

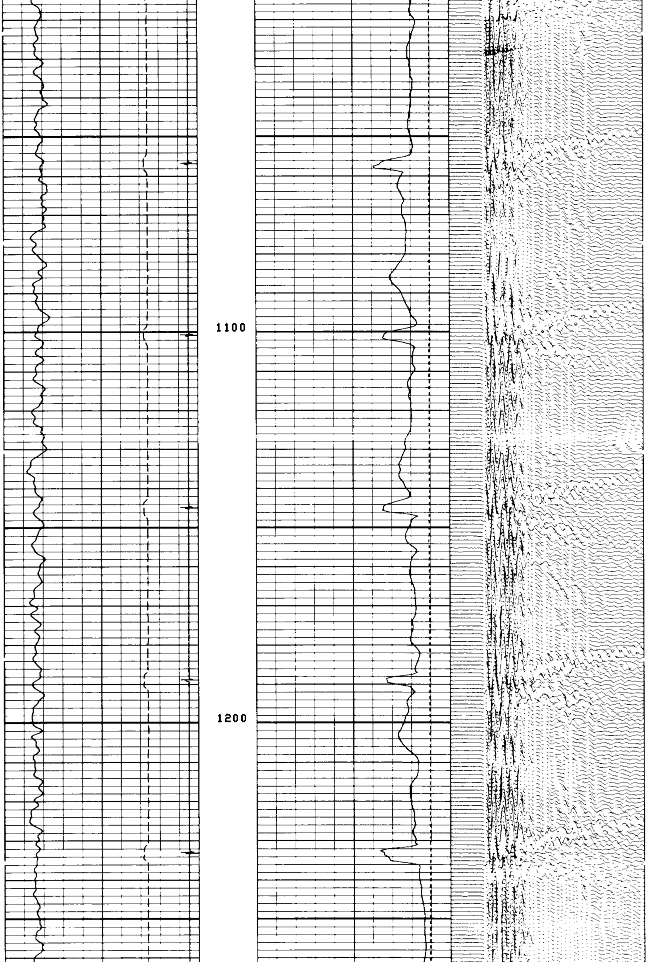
MAIN LOG

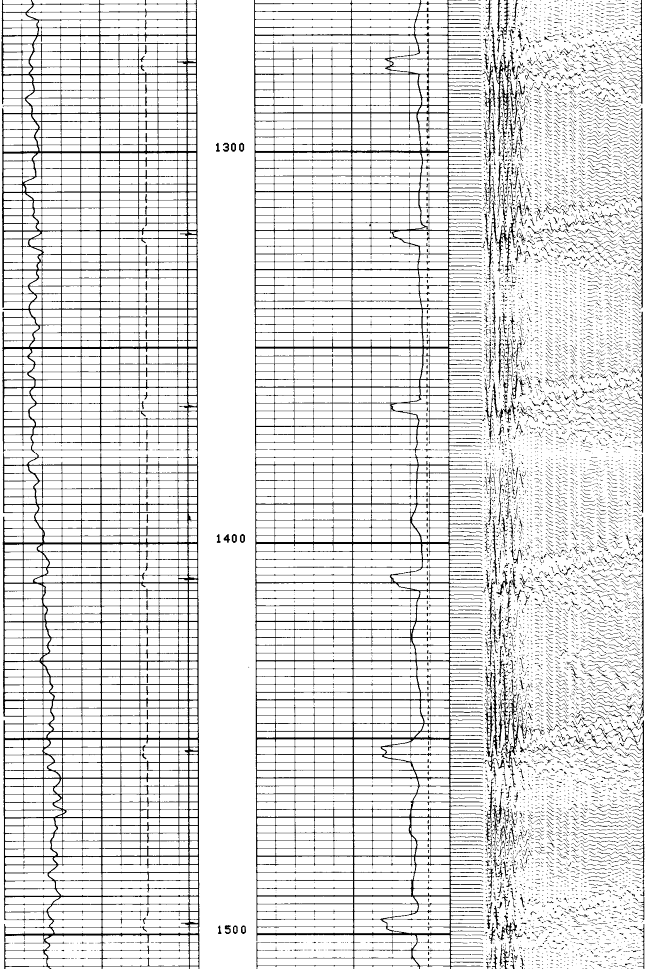


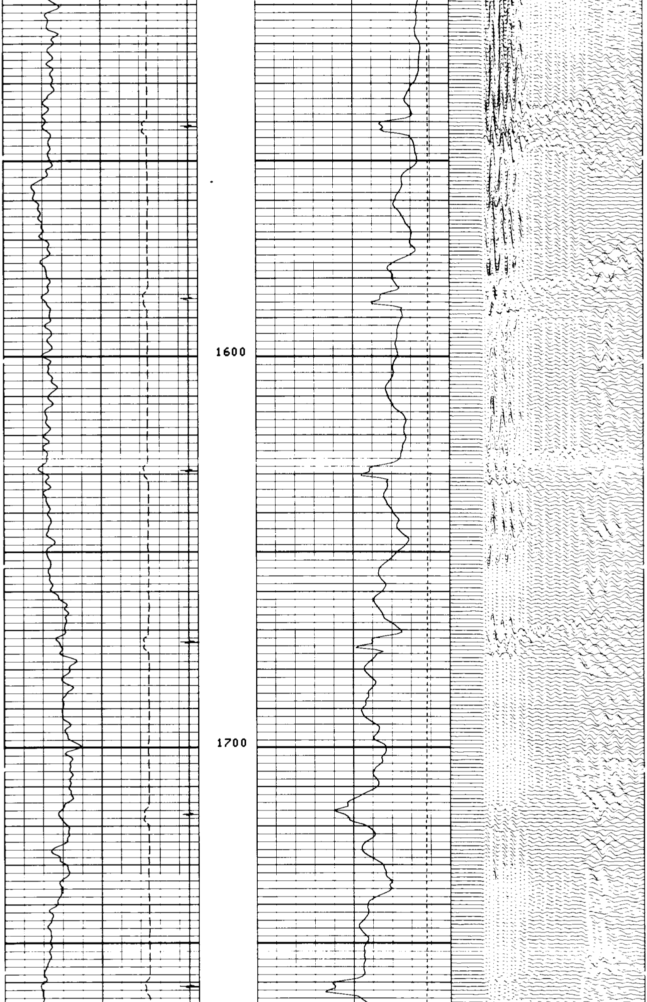


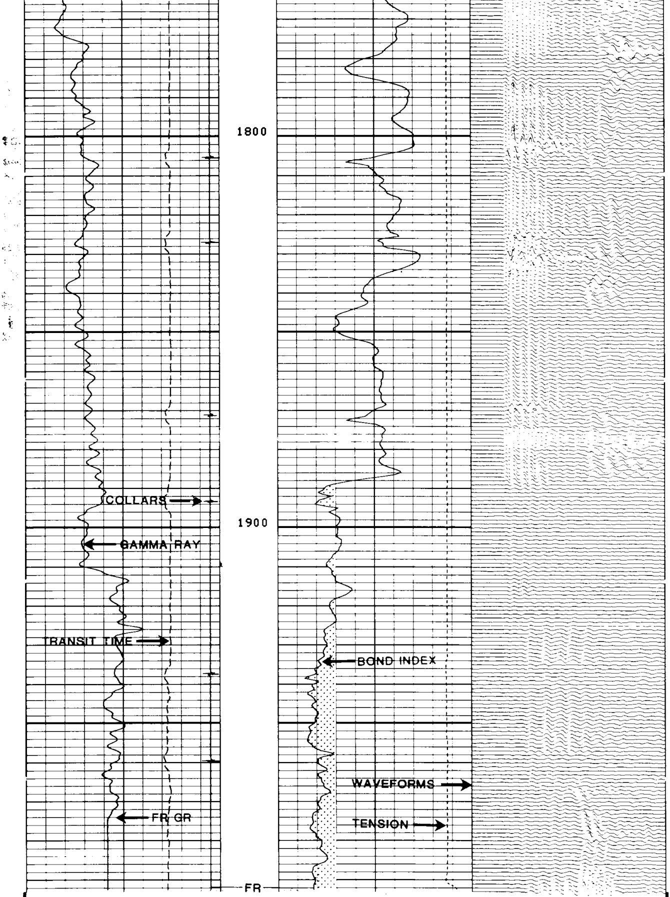












FILE 7 09-FEB-85 05:19 **MAIN LOG**

TT2 (US)			
400.00	200.00		
CCL		BI	
-19.00	1.0000	1.0000	0.0
GR (GAPI)		TENS(LB)	
0.0	150.00	10000.	0.0

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.2	FEET	AMPL	8.2	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.2	FEET
GR	26.4	FEET	SRAT	5.7	FEET
CCL	30.0	FEET	TENS	8.2	FEET
NOIS	0.0	FEET			

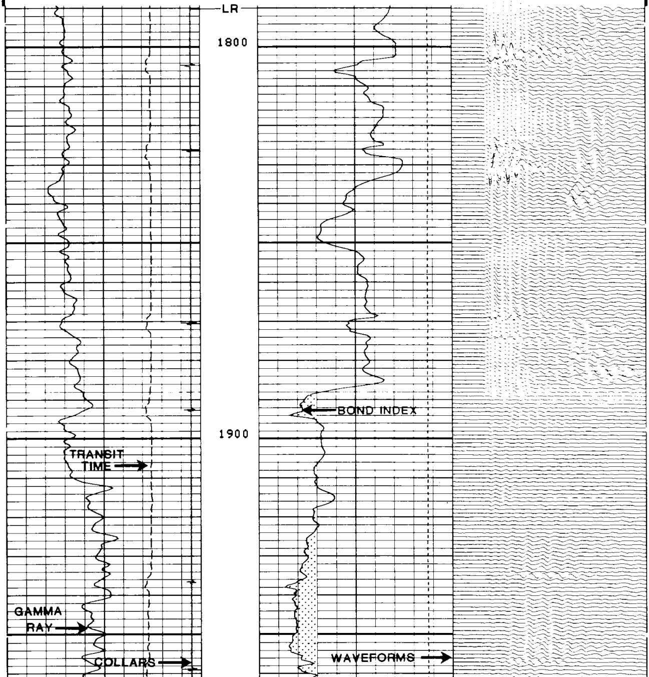
PARAMETERS

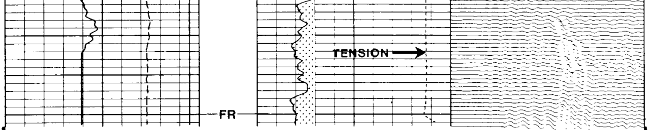
NAME	VALUE	UNIT	NAME	VALUE	UNIT
BILI	.700000		MSA	1.40000	MV
CSTR	2500.00	PSIA	CWEI	17.0000	LB/F
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
BHS	CASE		CSIZ	5.50000	IN
BS	8.75000	IN			

TT2 (US) 400.00 200.00		
CCL -19.00 1.0000		BI 1.0000 0.0
GR (GAPI) 0.0 150.00		TENS(LB) 10000. 0.0

REPEAT SECTION

FILE 6 09-FEB-85 05:16





FILE 6 09-FEB-85 05:12 **REPEAT SECTION**

TT2 (US)		BI	
400.00	200.00	1.0000	0.0
CCL		TENS(LB)	
-19.00	1.0000	10000.	0.0
GR (GAPI)			
0.0	150.00		

SENSOR MEASURE POINT TO TOOL ZERO

CBL	8.2	FEET	AMPL	8.2	FEET
TT3	4.5	FEET	TT4	3.5	FEET
TT1	7.2	FEET	TT2	8.2	FEET
GR	26.4	FEET	SRAT	5.7	FEET
CCL	30.0	FEET	TENS	8.2	FEET
NOIS	0.0	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
BILI	.700000		MSA	1.40000	MV
CSTR	2500.00	PSIA	CWEI	17.0000	LB/F
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
BHS	CASE		CSIZ	5.50000	IN
BS	8.75000	IN			