chlumberger

CEMENT EVALUATION LOG

CSU

ANY: ARCO EXPLOR. AND TECHNOLOGY COMPANY
: COLUMBIA COUNTY #32-32

D: WILDCAT
TY: COLUMBIA
E: OREGON
ON: USA
TION: 1237'W & 1840'S OF
THE NE CORNER OF...
EC: 32 TWP: 6N RGE: 5W

ANENT DATUM: GL
. OF PERM. DATUM: 828.0 F
MEASURED FROM: KB
14.5 F ABOVE PERM. DATUM
. MEASURED FROM: KB

ELEVATIONS-
KB: 842.5 F
DF:
GL: 828.0 F

: 10 NOV 85
NO: 1

H-DRILLER: 2700.0 F
H-LOGGER: 2057.0 F
LOG INTERVAL: 2051.0 F
LOG INTERVAL: 300.0 F

NG-DRILLER: 418 F
NG-LOGGER: 418 F
NG: 9.625 5.5
EIGHT: 36.00 LB/F 17.00 LB/F
SIZE: 12.25 8.5
EPTH: 418 F 2700 F

RECEIVED
FEB 18 1986
DOGAMI
Portland

OTHER SERVICES-
CBL
CEQL

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
272113

TYPE FLUID IN HOLE: WATER
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: 5892
LOGGING UNIT LOC: BAKERSFIELD PROD. SERV.
RECORDED BY: HODENFIELD
WITNESSED BY: ADLER & ANDERSON

REMARKS:

LOG CORRELATED TO SCHLUM DENS/NEU, NOV.7, 85.
CEMENT TYPE; CLASS "G".

EQUIPMENT NUMBERS-

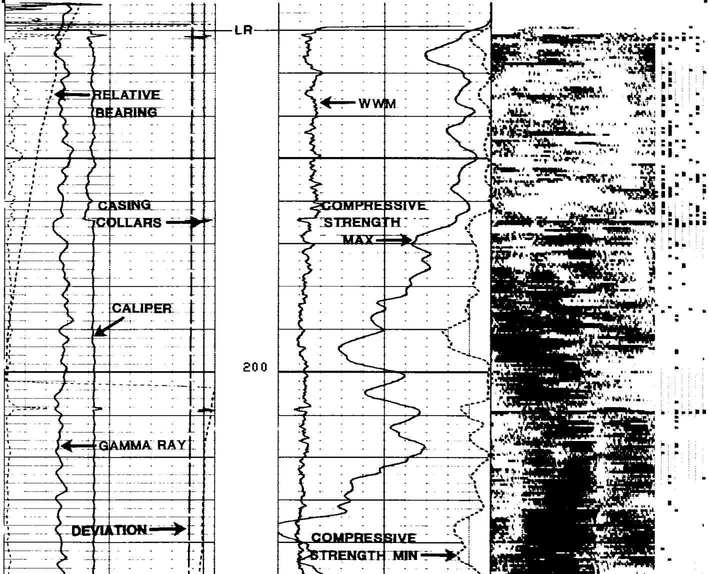
CEEC-A 808	CESS-A 720	CCC-B 2876	CAL-YA 56
SGC-SA 544	CCSM-AB 257		

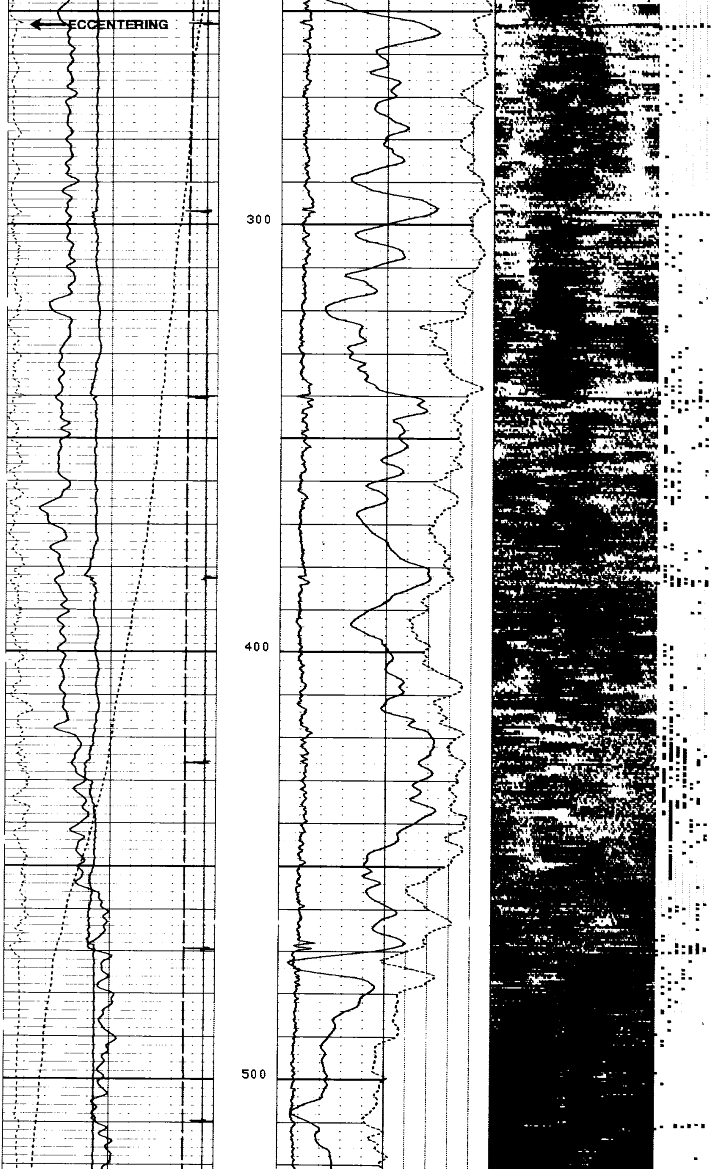
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, 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.

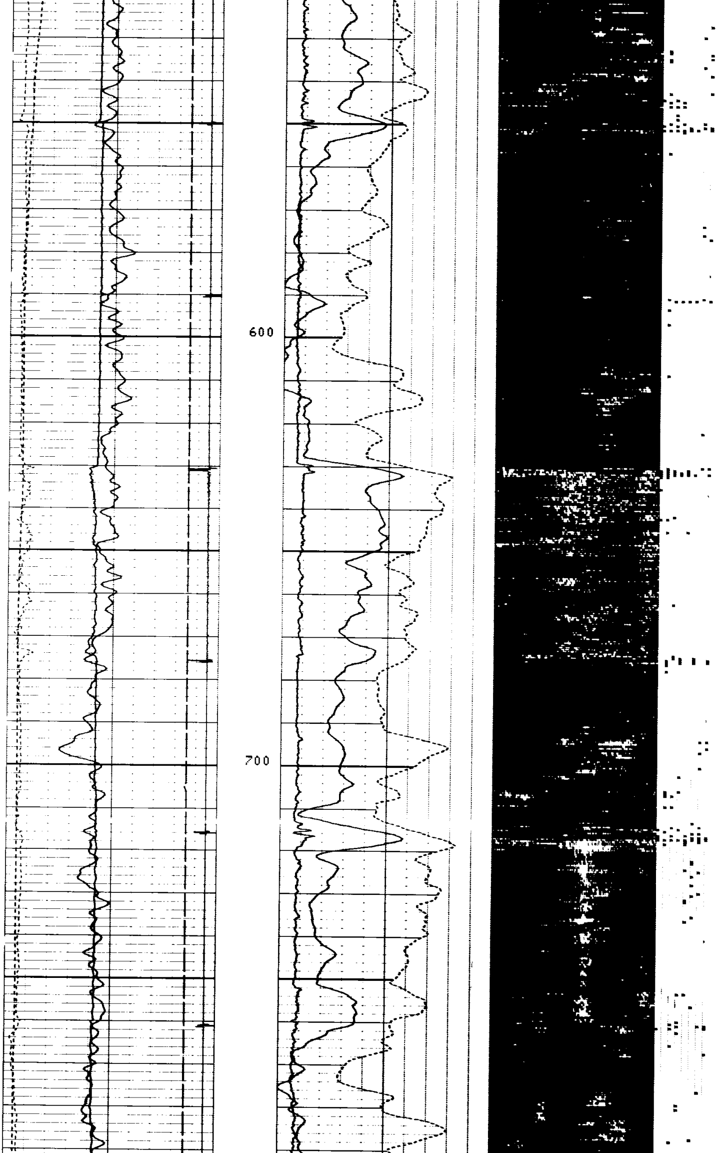
FILE 5 10-NOV-85 16:57

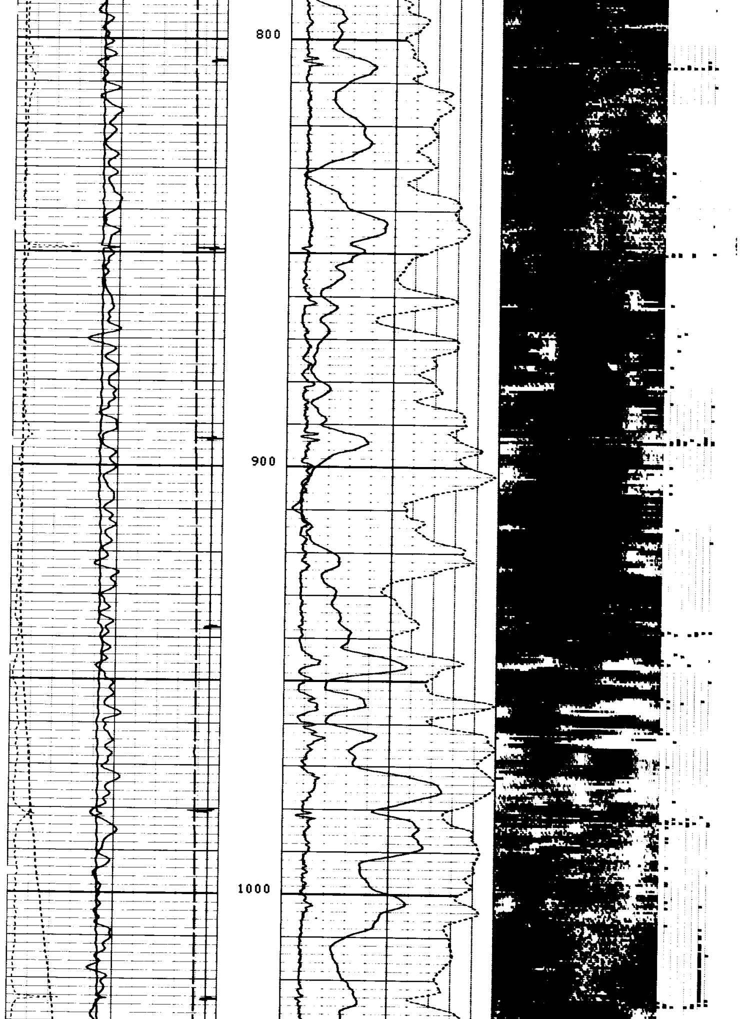
Curve	Left	Right
GR (GAPI)	0.0	150.00
DEVI(DEG)	36.000	-4.000
CCL	-19.00	1.0000
ECCE(IN)	0.0	.50000
CALU(IN)	4.5000	5.5000
RB (DEG)	0.0	360.00
WWM	0.0	5.0000
CSMX	5000.0	0.0
CSMN	5000.0	0.0

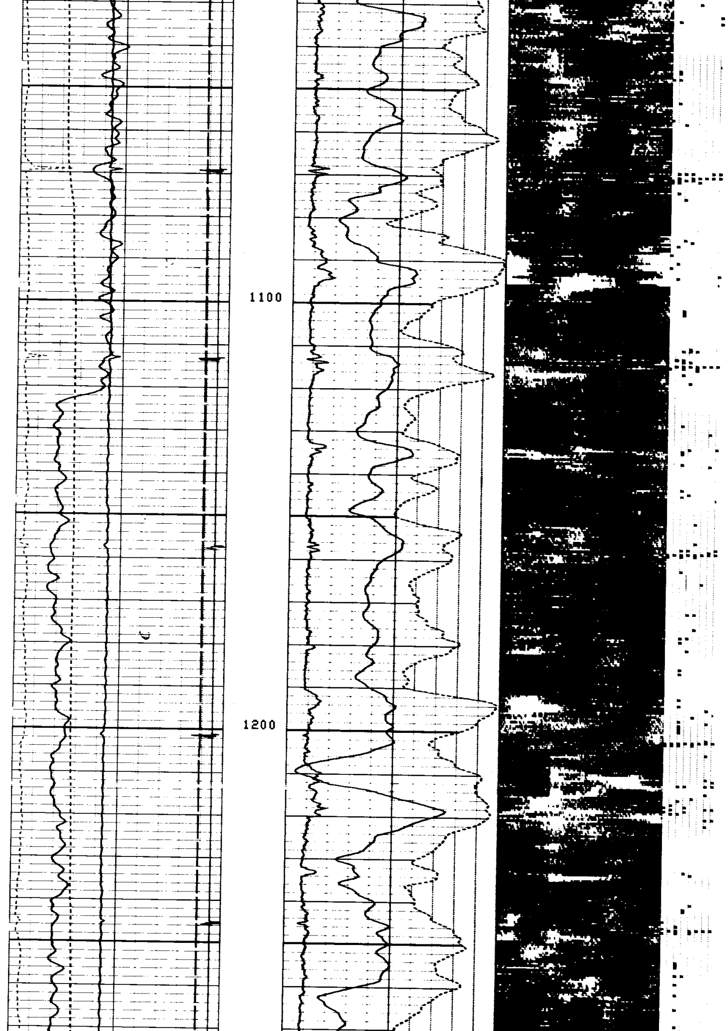
FILE 4 00- -00 00:53
DATA ACQUIRED 10-NOV-85 02:18

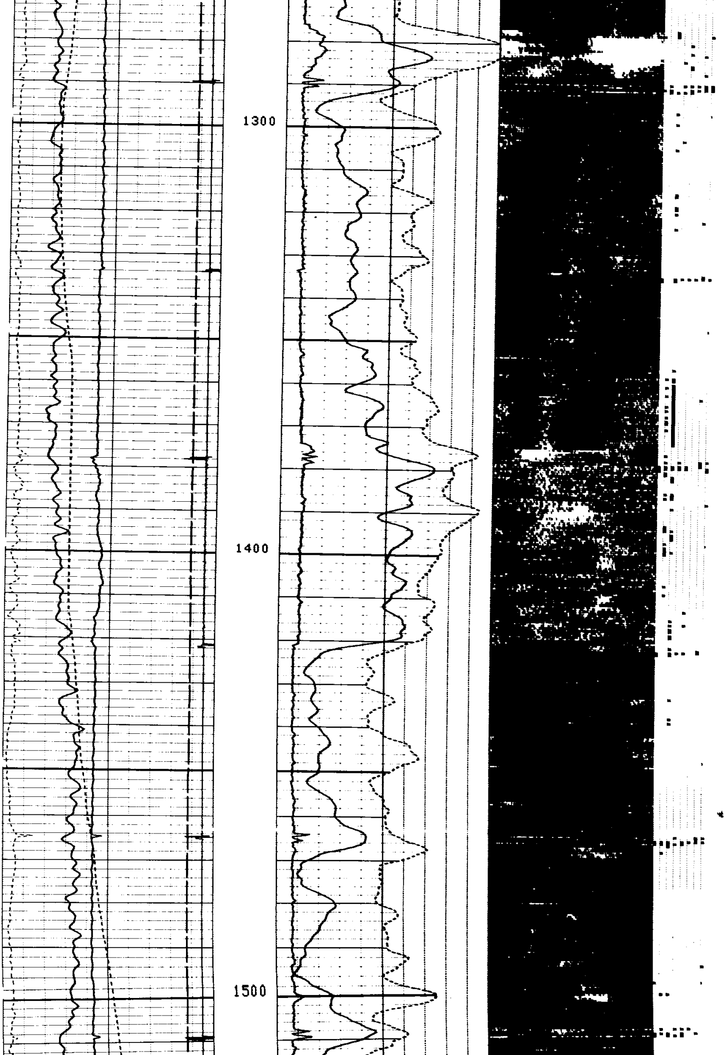


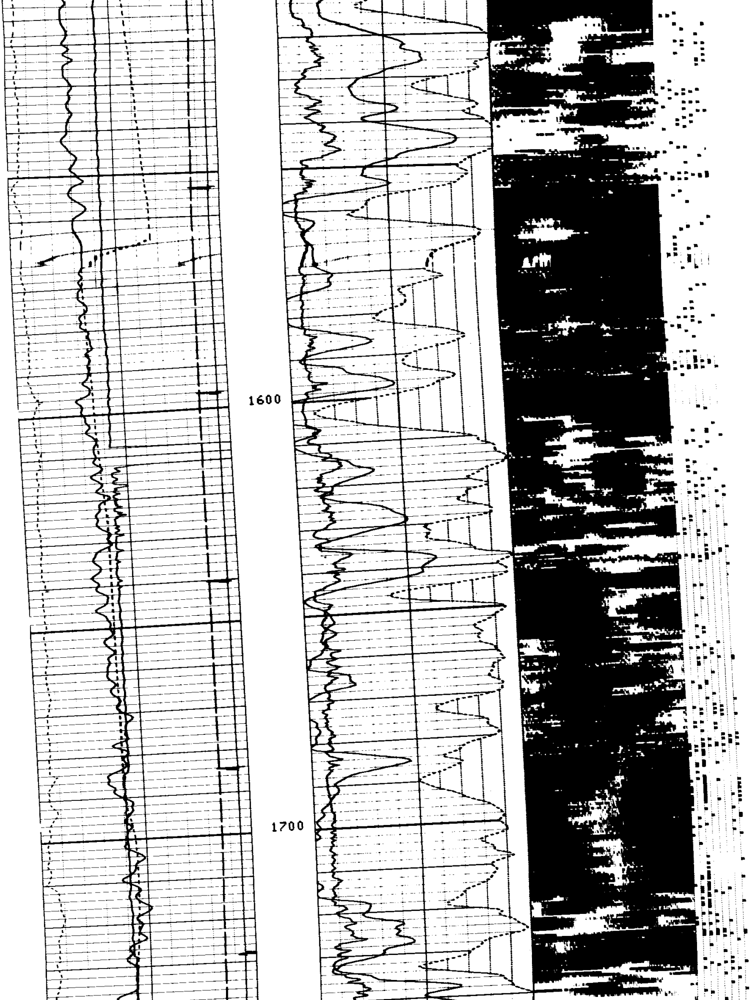


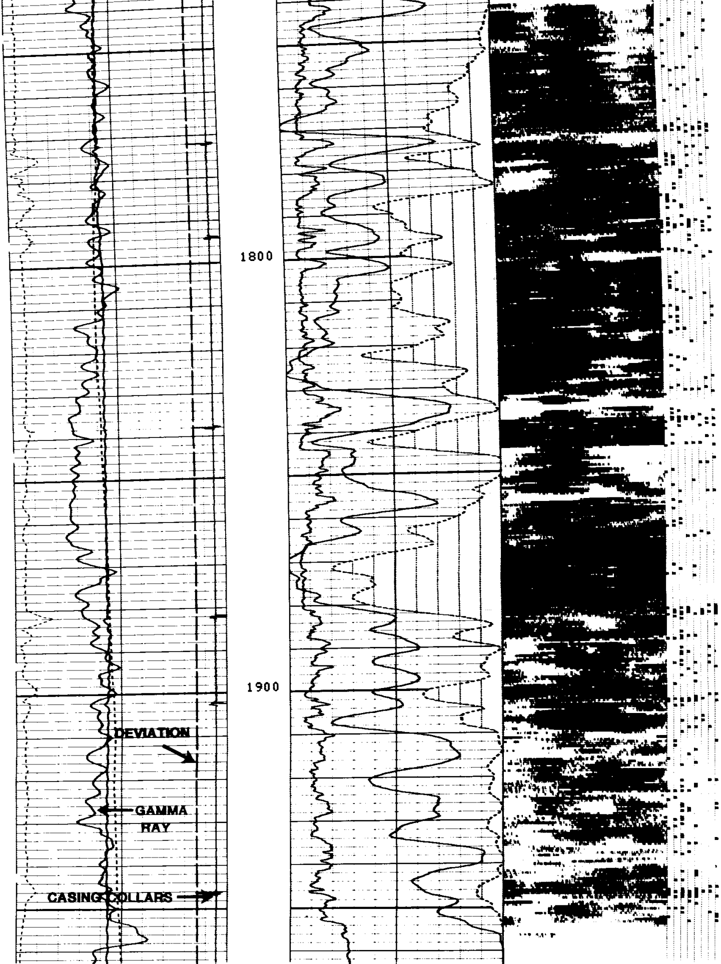


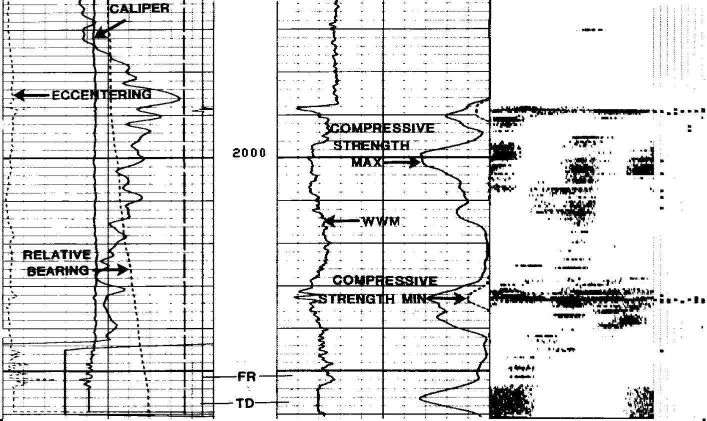












FILE 3 00- -00 00:39
DATA ACQUIRED 10-NOV-85 01:25

GR (GAPI)
0.0 150.00
DEVI(DEG)
36.000 -4.000
CCL
-19.00 1.0000
ECCE(IN)
0.0 .50000
CALU(IN)
4.5000 5.5000
RB (DEG)
0.0 360.00

WWM
0.0 5.0000
CSMX
5000.0 0.0
CSMN
5000.0 0.0

SENSOR MEASURE POINT TO TOOL ZERO

STSG	17.1	FEET	GR	21.7	FEET
RB	5.0	FEET	DEVI	5.0	FEET
CCL	31.4	FEET	TENS	2.4	FEET
T2RD	4.4	FEET	T1RD	5.0	FEET
T4RD	4.8	FEET	T3RD	5.5	FEET
T6RD	5.3	FEET	T5RD	6.0	FEET
T8RD	5.7	FEET	T7RD	4.6	FEET
T9RD	3.8	FEET			

PARAMETERS

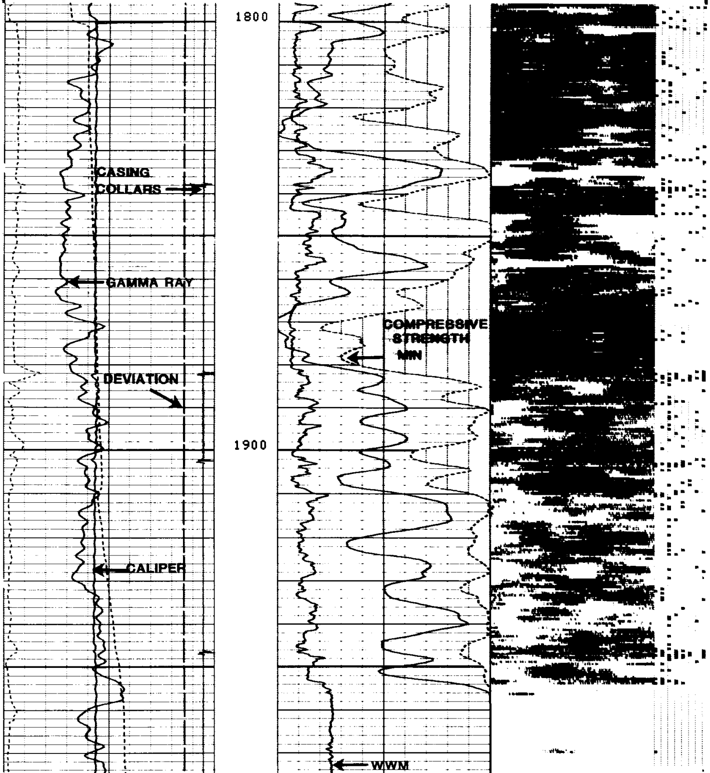
NAME	VALUE	UNIT	NAME	VALUE	UNIT
IL2	19.2000	US	W2FP	.700000	
W3FP	.800000		IS2	19.2000	US
CSLL	1.00000	PSIA	CSLU	3000.00	PSIA
BHS	CASE		IMAR	ALLO	
DO	0.0	F	BS	8.50000	IN
PP	NORM				

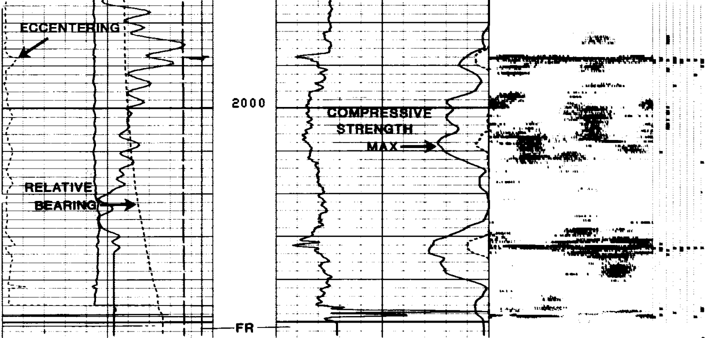
TAPE NOT MADE

GR (GAPI)		WWM	
0.0	150.00	0.0	5.0000
DEVI(DEG)		CSMX	
36.000	-4.000	5000.0	0.0
CCL		CSMN	
-19.00	1.0000	5000.0	0.0
ECCE(IN)			
0.0	.50000		
CALU(IN)			
4.5000	5.5000		
RB (DEG)			
0.0	360.00		

REPEAT SECTION

FILE 2 00- -00 00:25
DATA ACQUIRED 10-NOV-85 01:20





FILE 2 00- -00 00:06
DATA ACQUIRED 10-NOV-85 01:15

REPEAT SECTION

Curve	Left	Right
GR (GAPI)	0.0	150.00
DEVI(DEG)	36.000	-4.000
CCL	-19.00	1.0000
ECCE(IN)	0.0	.50000
CALU(IN)	4.5000	5.5000
RB (DEG)	0.0	360.00
WWM	0.0	5.0000
CSMX	5000.0	0.0
CSMN	5000.0	0.0

SENSOR MEASURE POINT TO TOOL ZERO

STSG	17.1	FEET	GR	21.7	FEET
RB	5.0	FEET	DEVI	5.0	FEET
CCL	31.4	FEET	TENS	2.4	FEET
T2RD	4.4	FEET	T1RD	5.0	FEET
T4RD	4.8	FEET	T3RD	5.5	FEET
T6RD	5.3	FEET	T5RD	6.0	FEET
T8RD	5.7	FEET	T7RD	4.6	FEET
T9RD	3.8	FEET			

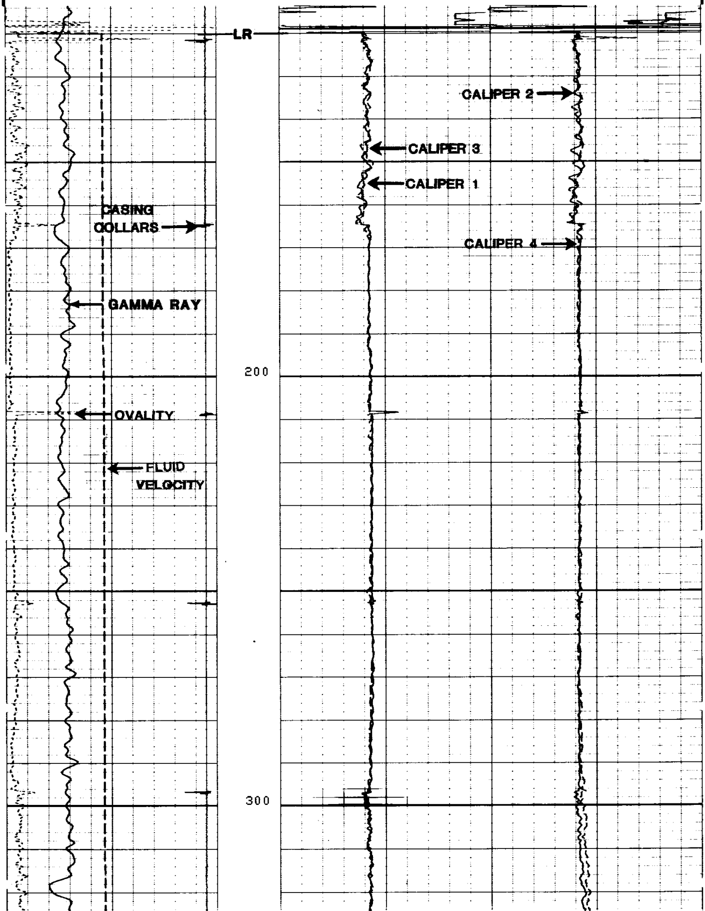
PARAMETERS

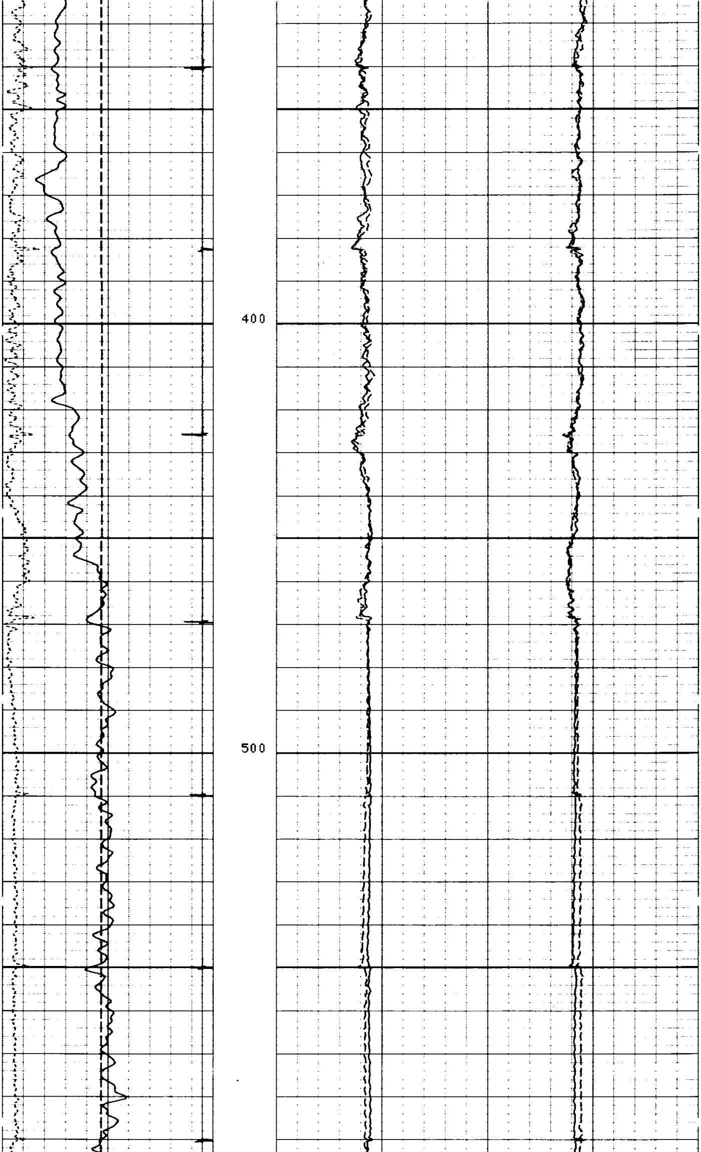
NAME	VALUE	UNIT	NAME	VALUE	UNIT
IL2	19.2000	US	W2FP	.700000	
W3FP	.800000		IS2	19.2000	US
CSLL	1.00000	PSIA	CSLU	3000.00	PSIA
BHS	CASE		IMAR	ALLO	
DO	0.0	F	BS	8.50000	IN
PP	NORM				

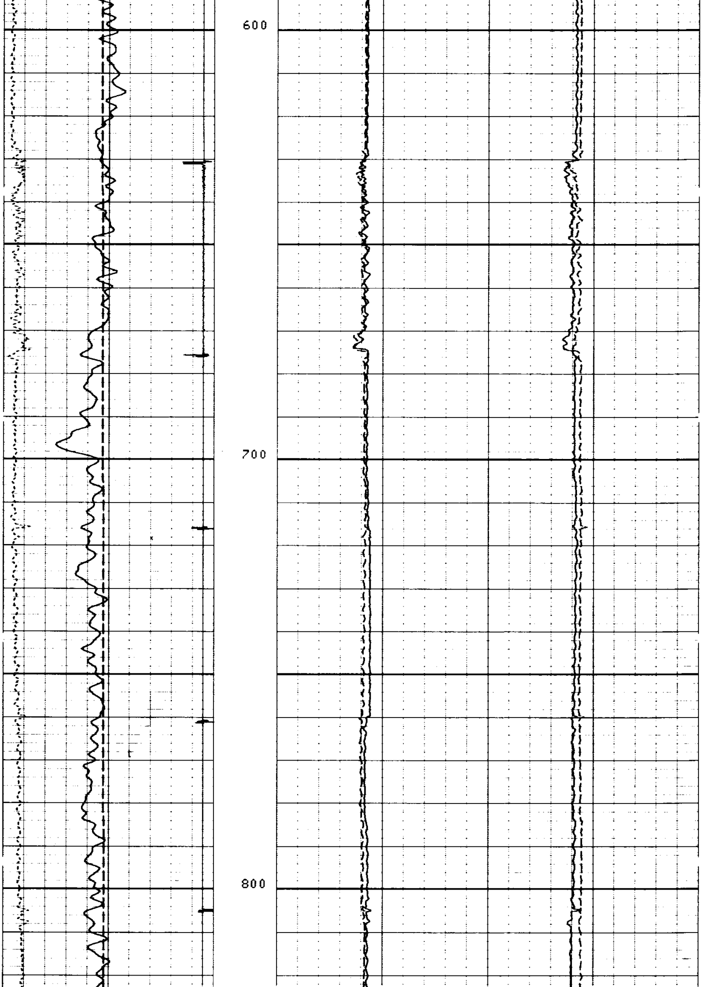
TAPE NOT MADE

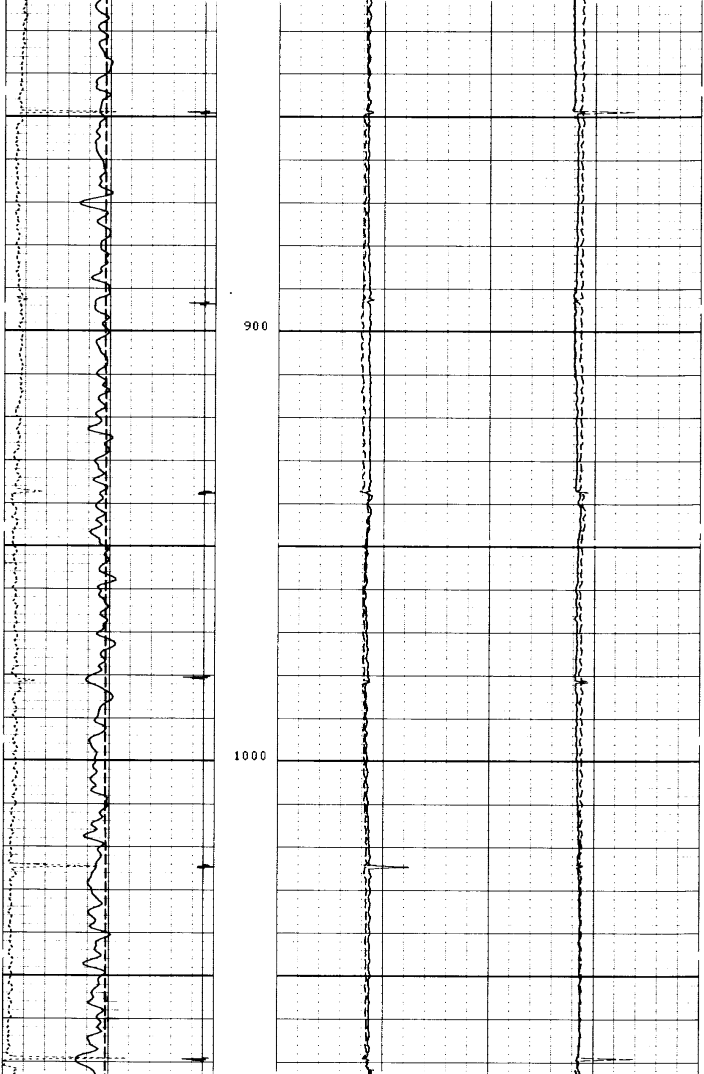
FVEL(US/F)							
250.00	150.00						
GR (GAPI)							
0.0	150.00		CAL3(IN)		CAL2(IN)		
OVAL(IN)							
0.0	.50000		4.5000	5.5000	4.5000	5.5000	
CCL			CAL1(IN)		CAL4(IN)		
-19.00	1.0000		4.5000	5.5000	4.5000	5.5000	

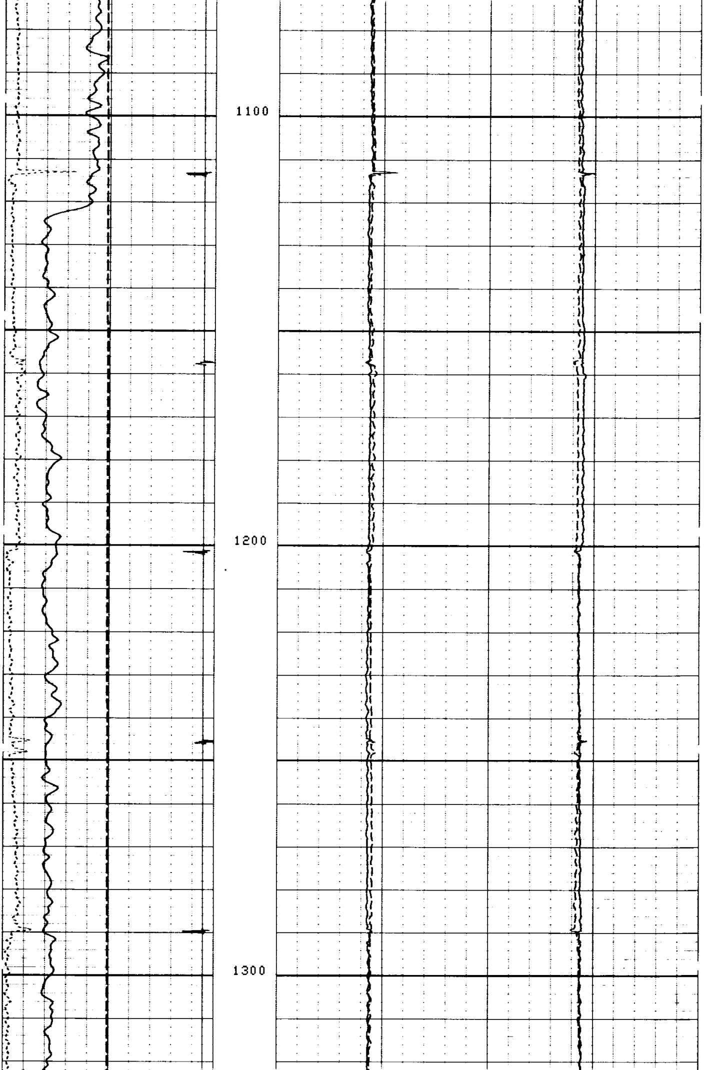
FILE 4 00- -00 00:53
DATA ACQUIRED 10-NOV-85 02:18

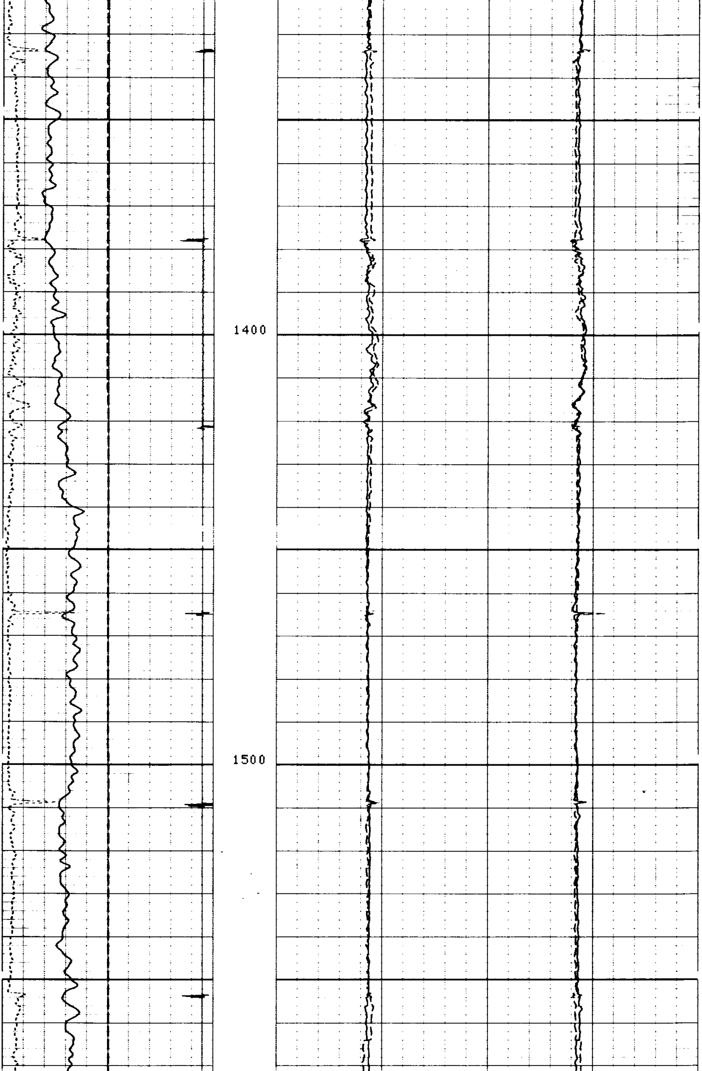


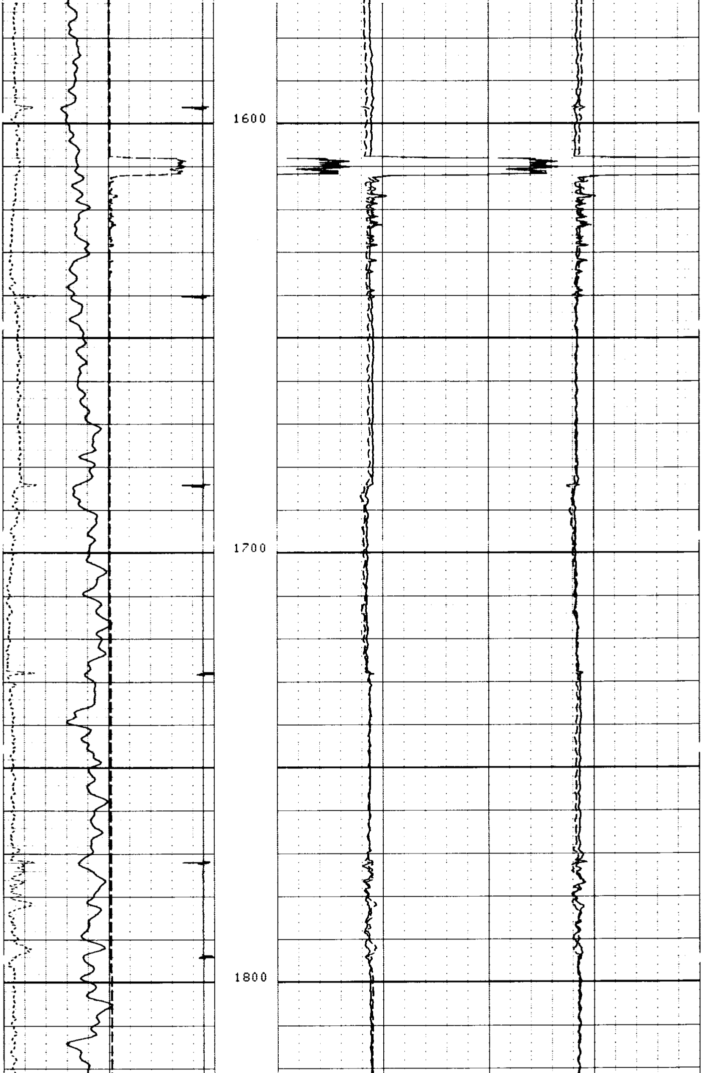


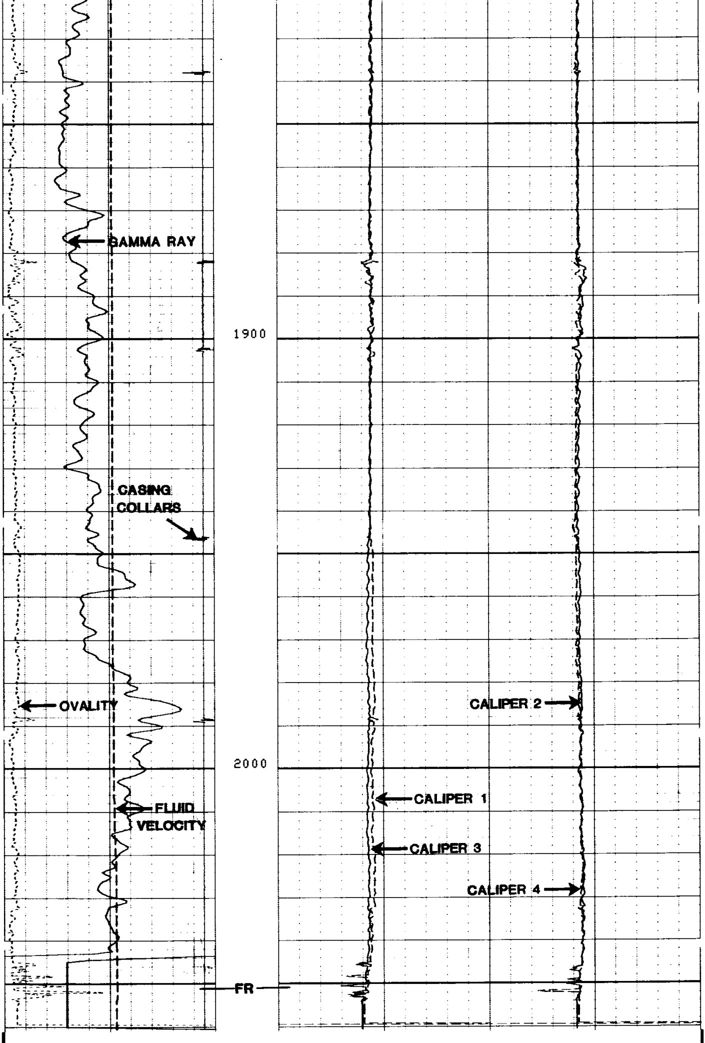












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FILE     3        00-    -00 00:39
DATA ACQUIRED   10-NOV-85 01:25
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Track 1			Track 2		Track 3	
FVEL(US/F)	250.00	150.00				
GR (GAPI)	0.0	150.00				
DVAL(IN)	0.0	.50000	CAL3(IN) 4.5000	5.5000	CAL2(IN) 4.5000	5.5000
CCL	-19.00	1.0000	CAL1(IN) 4.5000	5.5000	CAL4(IN) 4.5000	5.5000

SENSOR MEASURE POINT TO TOOL ZERO

STSG	17.1	FEET	GR	21.7	FEET
RB	5.0	FEET	DEVI	5.0	FEET
CCL	31.4	FEET	TENS	2.4	FEET
T2RD	4.4	FEET	T1RD	5.0	FEET
T4RD	4.8	FEET	T3RD	5.5	FEET
T6RD	5.3	FEET	T5RD	6.0	FEET
T8RD	5.7	FEET	T7RD	4.6	FEET
T9RD	3.8	FEET			

PARAMETERS

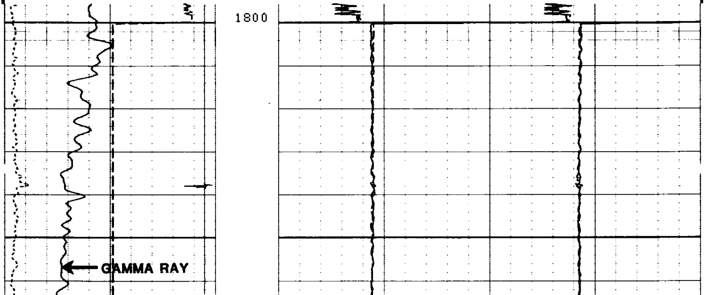
NAME	VALUE	UNIT	NAME	VALUE	UNIT
IL2	19.2000	US	W2FP	.700000	
W3FP	.800000		IS2	19.2000	US
CSLL	1.00000	PSIA	CSLU	3000.00	PSIA
BHS	CASE		IMAR	ALLO	
DO	0.0	F	BS	8.50000	IN
PP	NORM				

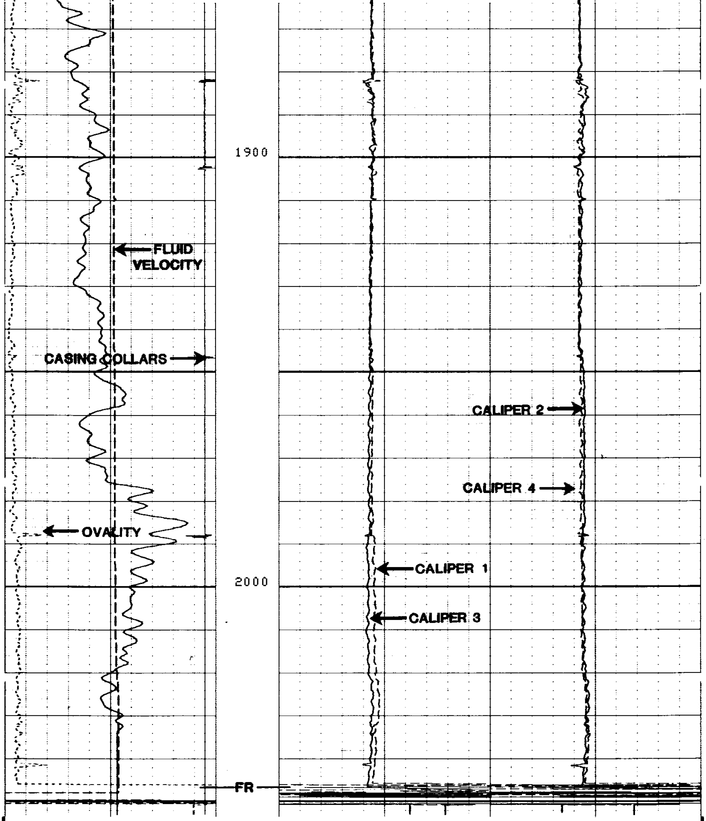
TAPE NOT MADE

12-05 [illegible] 211

Track 1			Track 2		Track 3	
FVEL(US/F)	250.00	150.00				
GR (GAPI)	0.0	150.00				
DVAL(IN)	0.0	.50000	CAL3(IN) 4.5000	5.5000	CAL2(IN) 4.5000	5.5000
CCL	-19.00	1.0000	CAL1(IN) 4.5000	5.5000	CAL4(IN) 4.5000	5.5000

FILE 2 00- -00 00:25
DATA ACQUIRED 10-NOV-85 01:20





FILE 2 00- -00 00:06
DATA ACQUIRED 10-NOV-85 01:15

REPEAT SECTION

FVEL(US/F)	250.00	150.00
GR (GAPI)	0.0	150.00
OVAL(IN)	0.0	.50000
CCL	-19.00	1.0000
CAL3(IN)	4.5000	5.5000
CAL1(IN)	4.5000	5.5000
CAL2(IN)	4.5000	5.5000
CAL4(IN)	4.5000	5.5000

SENSOR MEASURE POINT TO TOOL ZERO

STSG	17.1	FEET	GR	21.7	FEET
RB	5.0	FEET	DEVI	5.0	FEET
CCL	31.4	FEET	TENS	2.4	FEET
T2RD	4.4	FEET	T1RD	5.0	FEET
T4RD	4.8	FEET	T3RD	5.5	FEET
T6RD	5.3	FEET	T5RD	6.0	FEET
T8RD	5.7	FEET	T7RD	4.6	FEET
T9RD	3.8	FEET			

```
                            PARAMETERS

     NAME   VALUE     UNIT                      NAME   VALUE     UNIT

     IL2   19.2000    US                        W2FP  .700000
     W3FP  .800000                              IS2   19.2000    US
     CSLL  1.00000    PSIA                      CSLU  3000.00    PSIA
     BHS   CASE                                 IMAR  ALLO
     DO    0.0        F                         BS    8.50000    IN
     PP    NORM

                          TAPE NOT MADE
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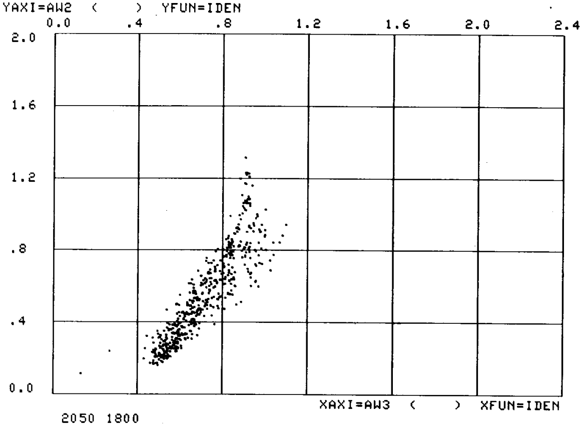

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                     DATA ACQUIRED   10-NOV-85 15:59
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                 BEFORE SURVEY CALIBRATION SUMMARY


  PERFORMED:      85/11/10
  PROGRAM FILE: CET     (VERSION     26.2     00/00/00)


 SGTL                DETECTOR CALIBRATION SUMMARY

              MEASURED
             BKGD     JIG          CALIBRATED          UNITS
    GR        73      229             165              GAPI

                     FILE     0       10-NOV-85 00:26
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