Schlumberger

BHC-SONIC 5"

CSU

COMPANY: ARCO EXPLORATION & TECHNOLOGY COMPANY
WELL: CROWN ZELLERBACH #41-2
FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
LOCATION: 581.64'S 0 4'29"E- 771.56'
S89 18' 31"W FR NE COR.
SEC: 2 TWP: 5N RGE: 5W

RECEIVED-PTLD
DEC 9 - 1985
DEPT. OF GEOLOGY

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 977.3 F
LOG MEASURED FROM: KB
12.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 989.3 F
DF:
GL: 977.3 F

DATE: 11 NOV 85
RUN NO: 1

DEPTH-DRILLER: 2109.0 F
DEPTH-LOGGER: 2109.0 F
BTM. LOG INTERVAL: 2056.0 F
TOP LOG INTERVAL: 420.0 F

CASING-DRILLER: 417 F
CASING-LOGGER: 420 F
CASING: 9 5/8

BIT SIZE: 8 3/4

OTHER SERVICES-
FDC/CNL/GR
DIL
HDT

API SERIAL NO:
3600900174

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
432377

TYPE FLUID IN HOLE: GEL POLYMER
DENSITY: 10.2 LB/G
VISCOSITY: 53.0 S
PH: 9.2
FLUID LOSS: 4.8 C3
SOURCE OF SAMPLE: CIRC.
RM: 3.510 OHMM AT 58.0 DEGF
RMF: 3.230 OHMM AT 34.0 DEGF
RMC: 3.570 OHMM AT 36.0 DEGF
SOURCE RMF/RMC: MEAS. /MEAS.
RM AT BHT: 1.825 OHMM AT 118. DEGF
RMF AT BHT: 1.059 OHMM AT 118. DEGF
RMC AT BHT: 1.228 OHMM AT 118. DEGF

TIME CIRC. STOPPED: 2000 11/10
TIME LOGGER ON BTM.: 2359 11/10

MAX. REC. TEMP: 118.0 DEGF

LOGGING UNIT NO: 8057
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: ANDERSEN
WITNESSED BY: JACKSON

REMARKS:

CMEZ USED
1 1/2 STANDOFF USED

EQUIPMENT NUMBERS-

DIS 567	DIC 552	MCD 1237	SLS 252
SLC 1321	SGT 3206	IEM 232	SLM 128
NLM 207			

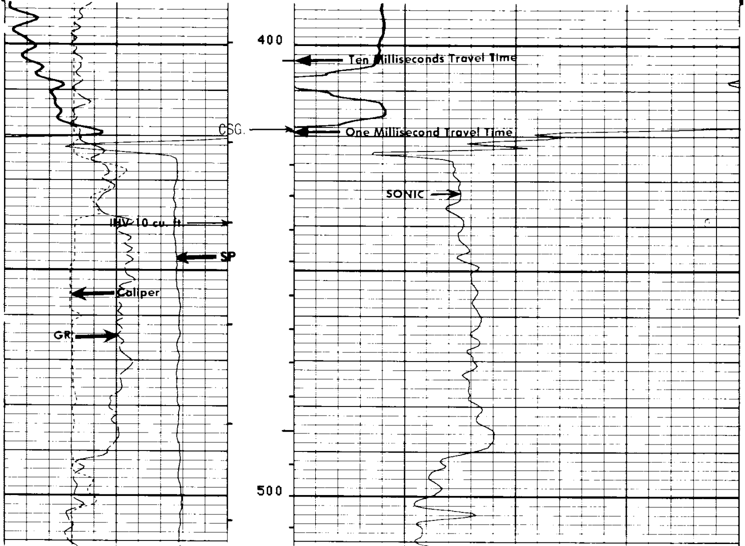
ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS,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

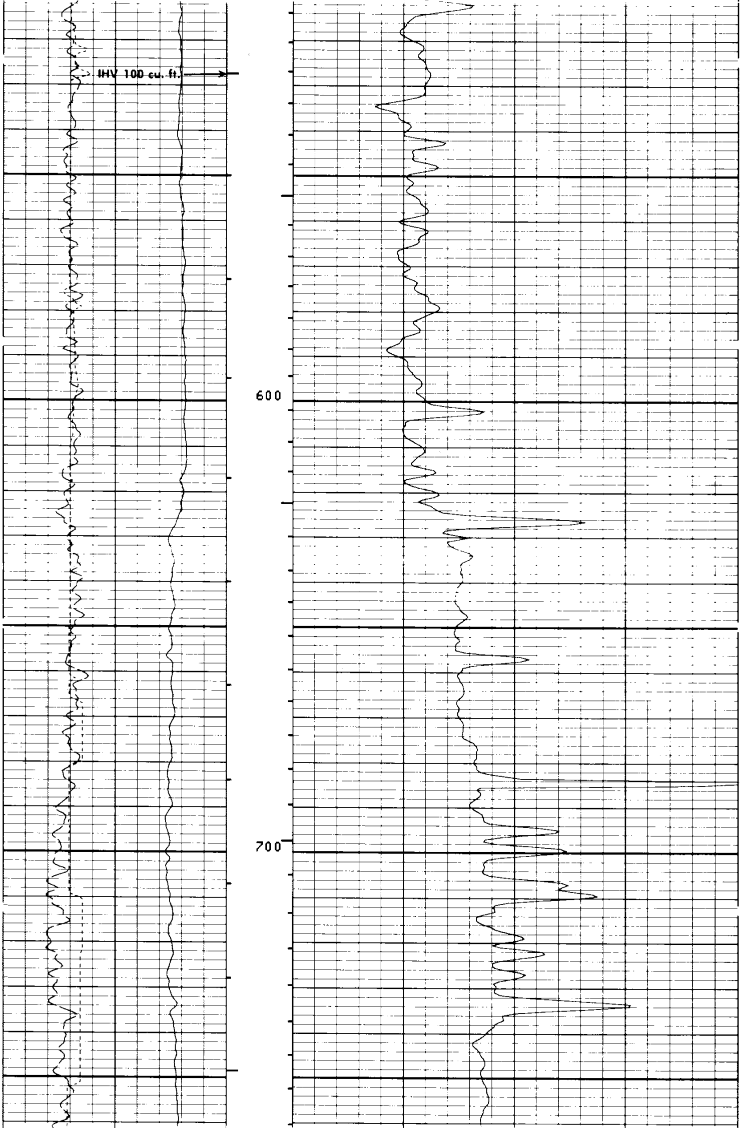
FILE 3 11-NOV-85 01:18
DATA ACQUIRED 11-NOV-85 00:27

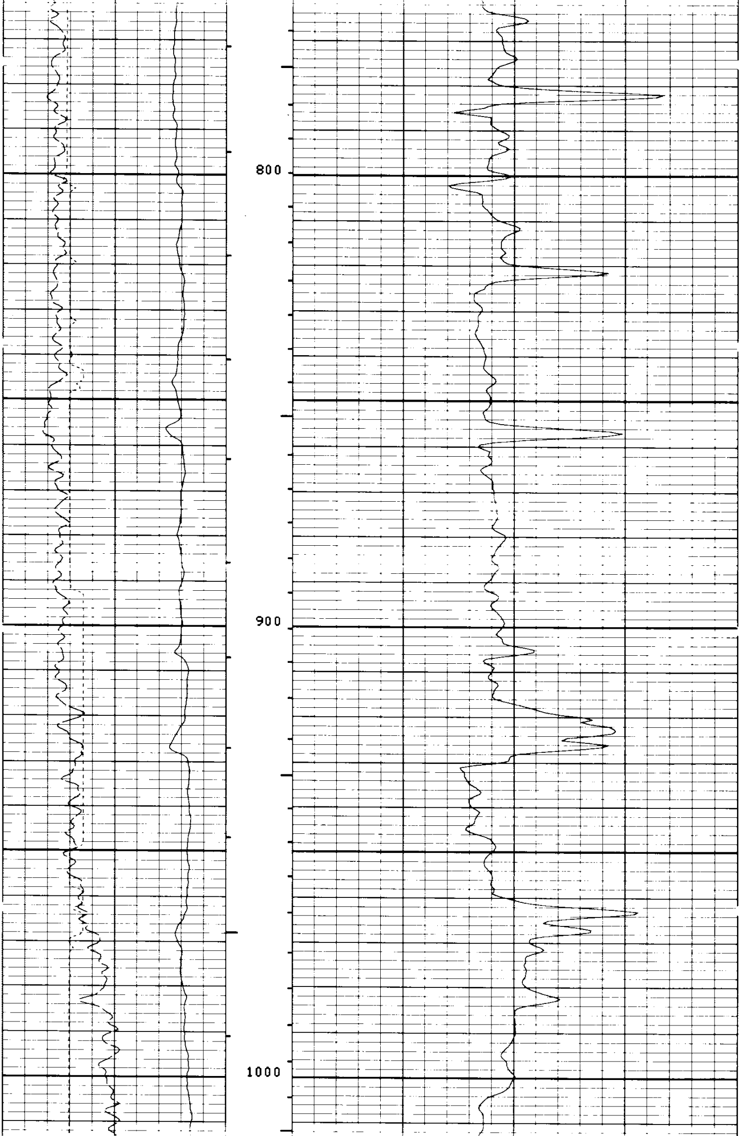
CALI(IN)
6.0000 16.000
GR (GAPI)
0.0 150.00
SP (MV)
-100.0 0.0

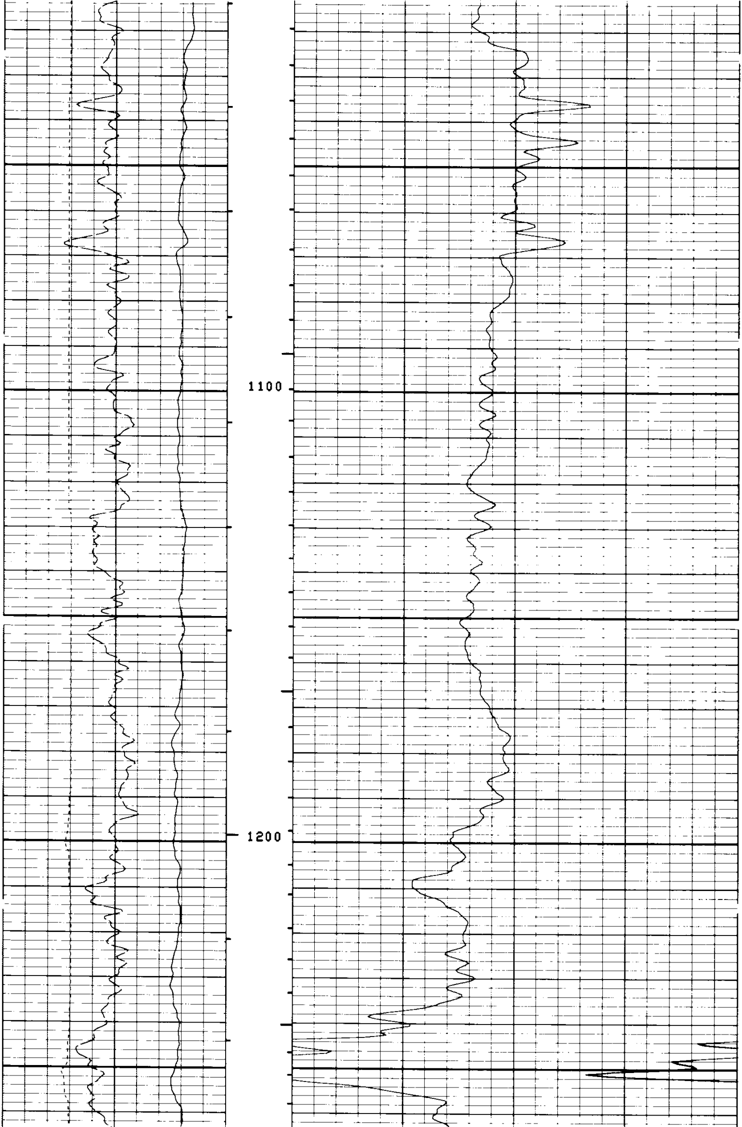
DT (US/F)
175.00 75.000

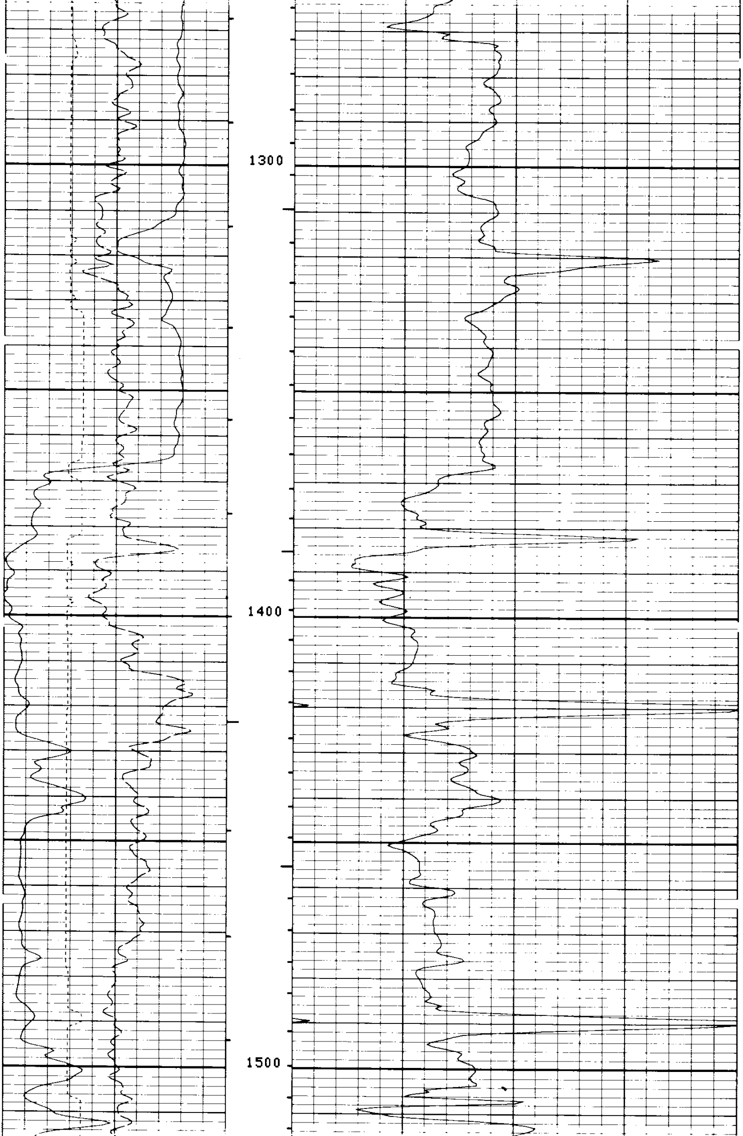
FILE 3 11-NOV-85 00:40
DATA ACQUIRED 11-NOV-85 00:27

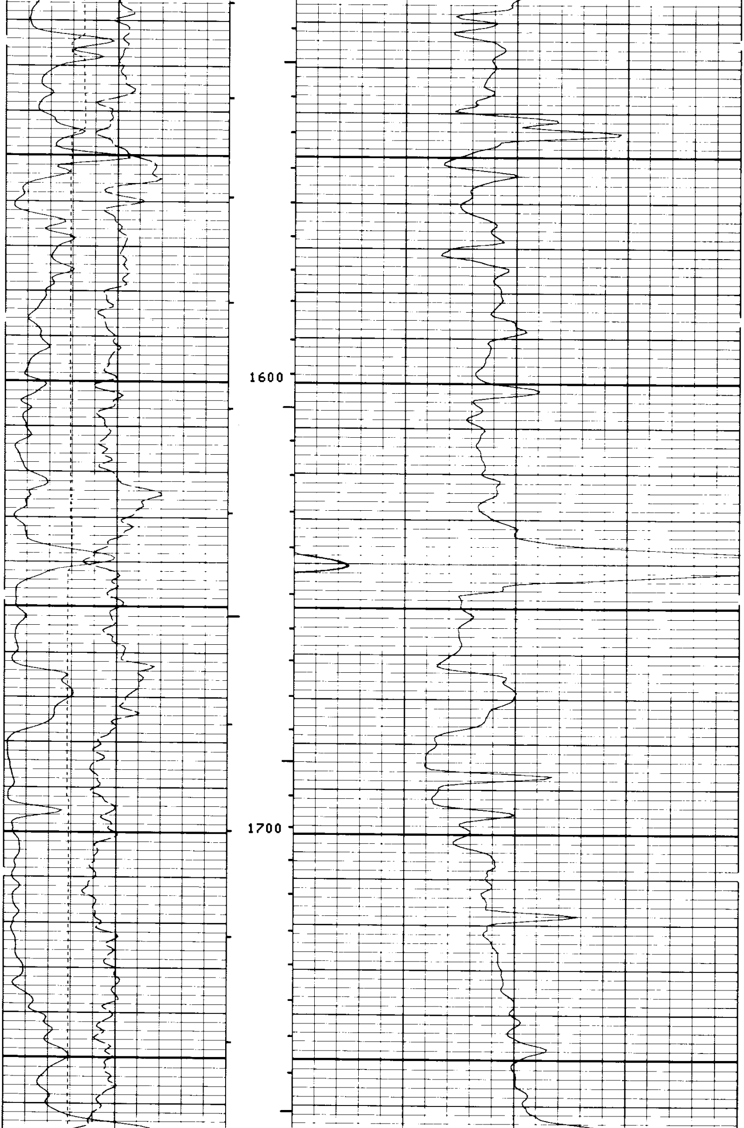


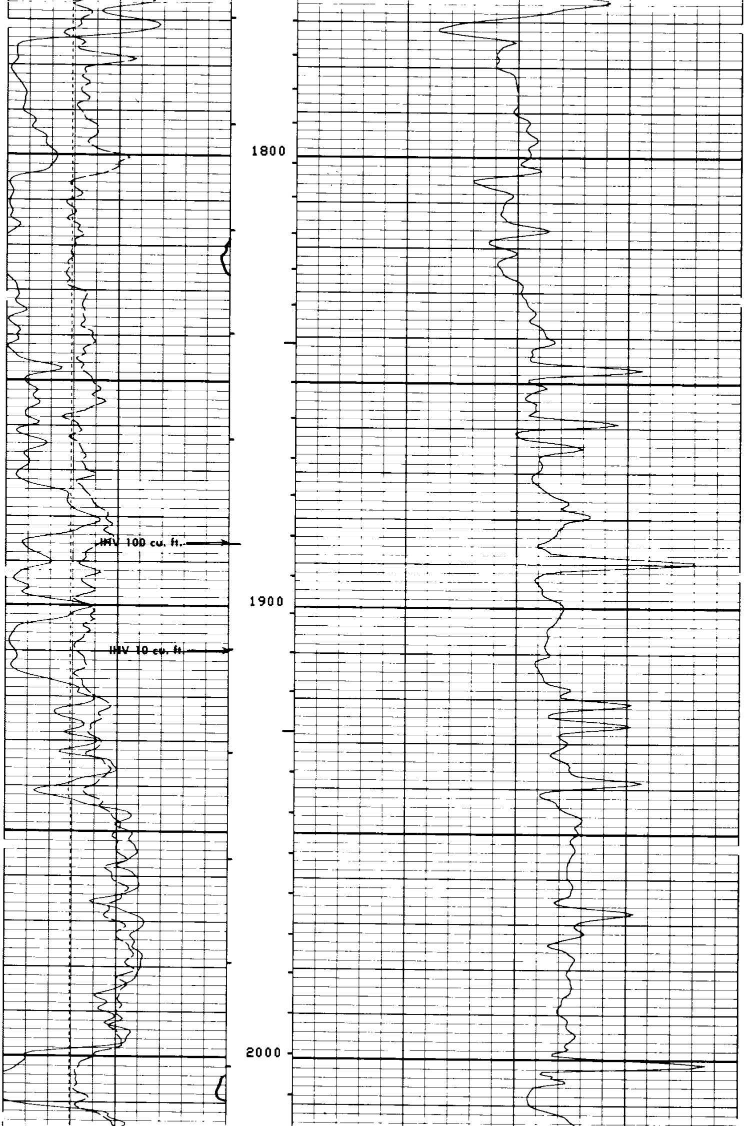


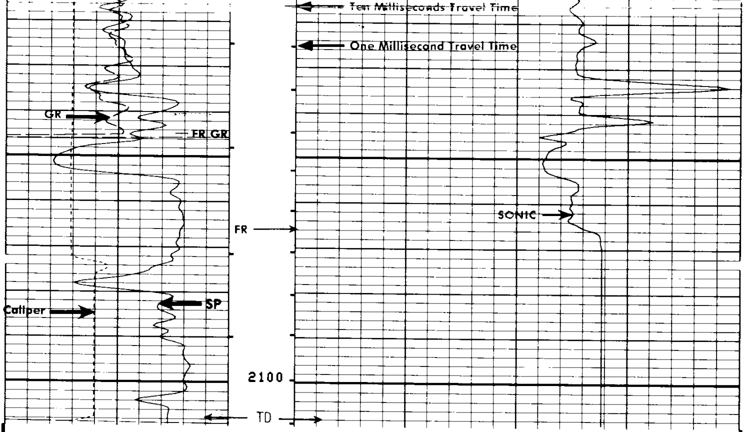












FILE 3 11-NOV-85 00:37
DATA ACQUIRED 10-NOV-85 23:59

CALI (IN)
6.0000 16.000
GR (GAPI)
0.0 150.00
SP (MV)
-100.0 0.0

DT (US/F)
175.00 75.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AMPL	43.9	FEET
TT3	40.1	FEET	TT4	39.1	FEET
TT1	42.9	FEET	TT2	43.9	FEET
GR	64.0	FEET	SRAT	41.4	FEET
ILD	9.4	FEET	CALI	31.8	FEET
ILM	5.7	FEET	SFL	6.4	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	35.6	FEET	TENS	2.5	FEET

PARAMETERS

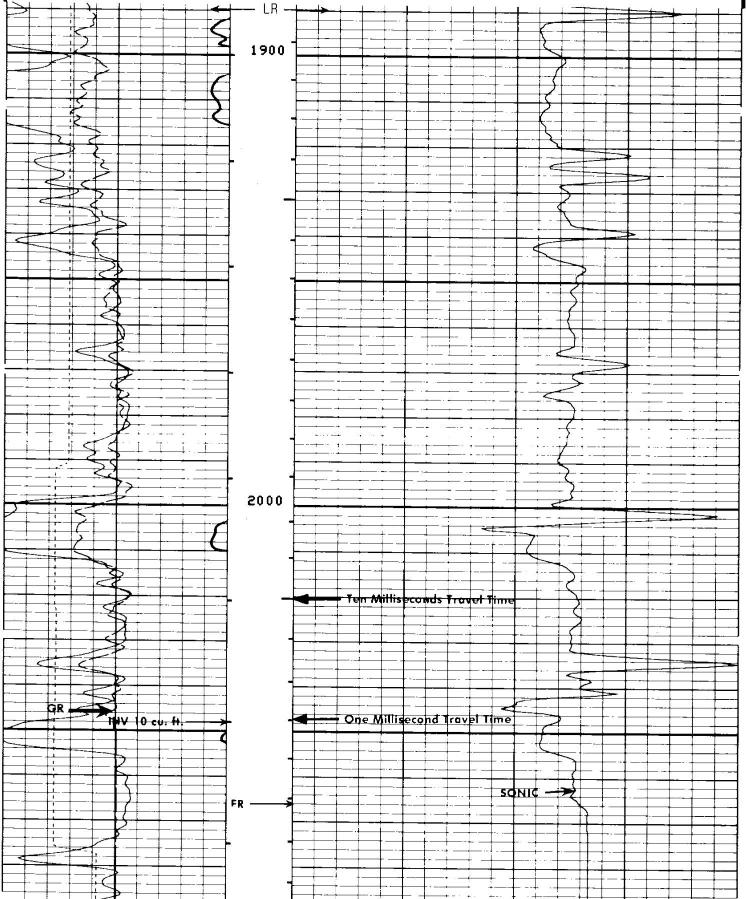
NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	6.70000	MMHO
FPHI	SPHI		MSEC	6.00000	MMHO
BS	8.75000	IN	BHS	OPEN	
SPDR	.0100000		DO	0.0	F
PP	NORM				

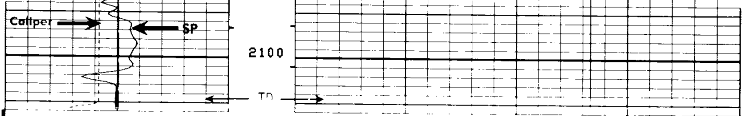
TAPE NOT MADE

CALI(IN)		
6.0000	16.000	
GR (GAPI)		
0.0	150.00	
SP (MV)		DT (US/F)
-100.0	0.0	175.00 — 75.000

REPEAT SECTION

FILE 2 11-NOV-85 00:36
DATA ACQUIRED 10-NOV-85 23:56





FILE 2 11-NOV-85 00:36
DATA ACQUIRED 10-NOV-85 23:52

REPEAT SECTION

CALI(IN)
6.0000 16.000
GR (GAPI)
0.0 150.00
SP (MV)
-100.0 0.0

DT (US/F)
175.00 75.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AMPL	43.9	FEET
TT3	40.1	FEET	TT4	39.1	FEET
TT1	42.9	FEET	TT2	43.9	FEET
GR	64.0	FEET	SRAT	41.4	FEET
ILD	9.4	FEET	CALI	31.8	FEET
ILM	5.7	FEET	SFL	6.4	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	35.6	FEET	TENS	2.5	FEET

PARAMETERS

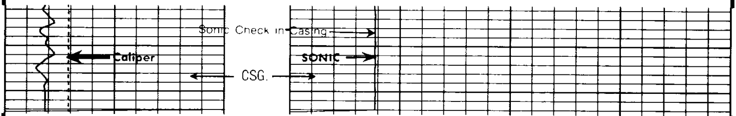
NAME	VALUE	UNIT	NAME	VALUE	UNIT
WSV1	WF1		DWS	16	
DSIN	5	US	DDEL	200	US
CDTS	100.000		DWCO	512	
DTF	189.000	US/F	DTM	56.0000	US/F
SBR	1.00000	OHMM	DSEC	6.70000	MMHO
FPHI	SPHI		MSEC	6.00000	MMHO
BS	8.75000	IN	BHS	OPEN	
SPDR	.0100000		DO	0.0	F
PP	NORM				

TAPE NOT MADE

CALI(IN)
6.0000 16.000
GR (GAPI)
0.0 150.00
SP (MV)
-100.0 0.0

DT (US/F)
175.00 75.000

FILE 8 10-NOV-85 23:36



FILE 8 10-NOV-85 23:36

CALI(IN)	6.0000	16.000
GR (GAPI)	0.0	150.00
SP (MV)	-100.0	0.0
DT (US/F)	175.00	75.000

SENSOR MEASURE POINT TO TOOL ZERO

CBL	43.9	FEET	AMPL	43.9	FEET
TT3	40.1	FEET	TT4	39.1	FEET
TT1	42.9	FEET	TT2	43.9	FEET
GR	64.0	FEET	SRAT	41.4	FEET
ILD	9.4	FEET	CALI	31.8	FEET
ILM	5.7	FEET	SFL	6.4	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	35.6	FEET	TENS	2.5	FEET

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	6.70000	MMHO
FPHI	SPHI		MSEC	6.00000	MMHO
BS	8.75000	IN	BHS	OPEN	