Schlumberger

BHC SONIC 2" & 5"

CSU

COMPANY: ARCO OIL AND GAS COMPANY

WELL: CAVENHAM FOREST INDUSTRIES #41-4 RD #1

FIELD: MIST
COUNTY: COLUMBIA
STATE: OREGON
NATION: USA
LOCATION: 1033' SOUTH AND 935' WEST
FROM THE NW CORNER OF:
SEC: 4 TWP: 5 NORTH RGE: 4 WEST

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 886.5 F
LOG MEASURED FROM: KB
11.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 897.5 F
DF:
GL: 886.5 F

DATE: 17 SEP 86
RUN NO: ONE

API SERIAL NO:

DEPTH-DRILLER: 1935.0 F
DEPTH-LOGGER: 1932.0 F
BTM. LOG INTERVAL: 1926.0 F
TOP LOG INTERVAL: 390.0 F

CASING-DRILLER: 441.0 F
CASING-LOGGER: 440.0 F
CASING: 9 5/8"
WEIGHT: 47.0000 LB/F
BIT SIZE: 8 1/2"
DEPTH: 1935.0 F

RECEIVED
JAN 27 1987

OTHER SERVICES-
DIL
BHC

PROGRAM
TAPE NO:
28.4A
SERVICE
ORDER NO:
524310

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 10.10 LB/G
VISCOSITY: 39.0 S
PH: 10.5
FLUID LOSS: 8.0 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 3.700 OHMM AT 61.0 DEGF
RMF: 4.120 OHMM AT 61.0 DEGF
RMC: 2.730 OHMM AT 62.0 DEGF
SOURCE RMF/RMC: MEAS/MEAS
RM AT BHT: 2.621 OHMM AT 89.0 DEGF
RMF AT BHT: 2.918 OHMM AT 89.0 DEGF
RMC AT BHT: 1.962 OHMM AT 89.0 DEGF

TIME CIRC. STOPPED: 1700 9/17
TIME LOGGER ON BTM.: 1930 9/17

MAX. REC. TEMP: 89.0 DEGF

LOGGING UNIT NO:	8129
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	BLAZE
WITNESSED BY:	JACKSON

REMARKS:

YOUR CREW: STOUT AND DELACRUZ
TWO THERMOMETERS RUN T1=89 DF, T2= 89DF.
THANKYOU FOR USING SCHLUMBERGER.

EQUIPMENT NUMBERS-

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.

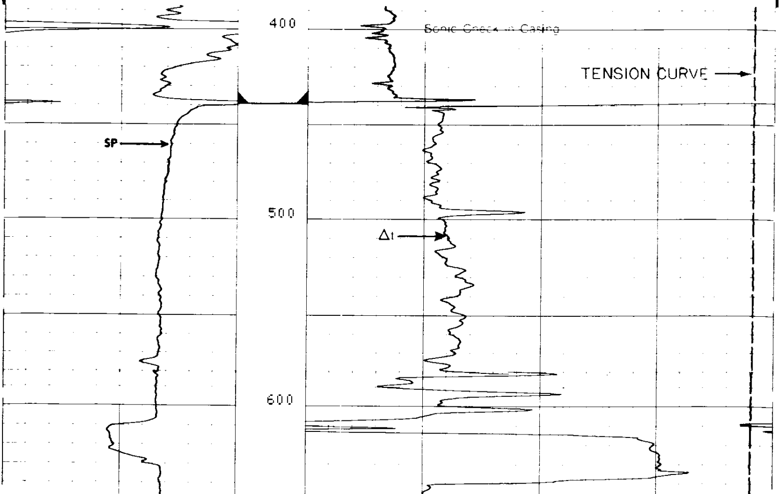
CP 28.4A   FILE   3   17-SEP-86 20:55
                  DATA ACQUIRED   17-SEP-86 20:34

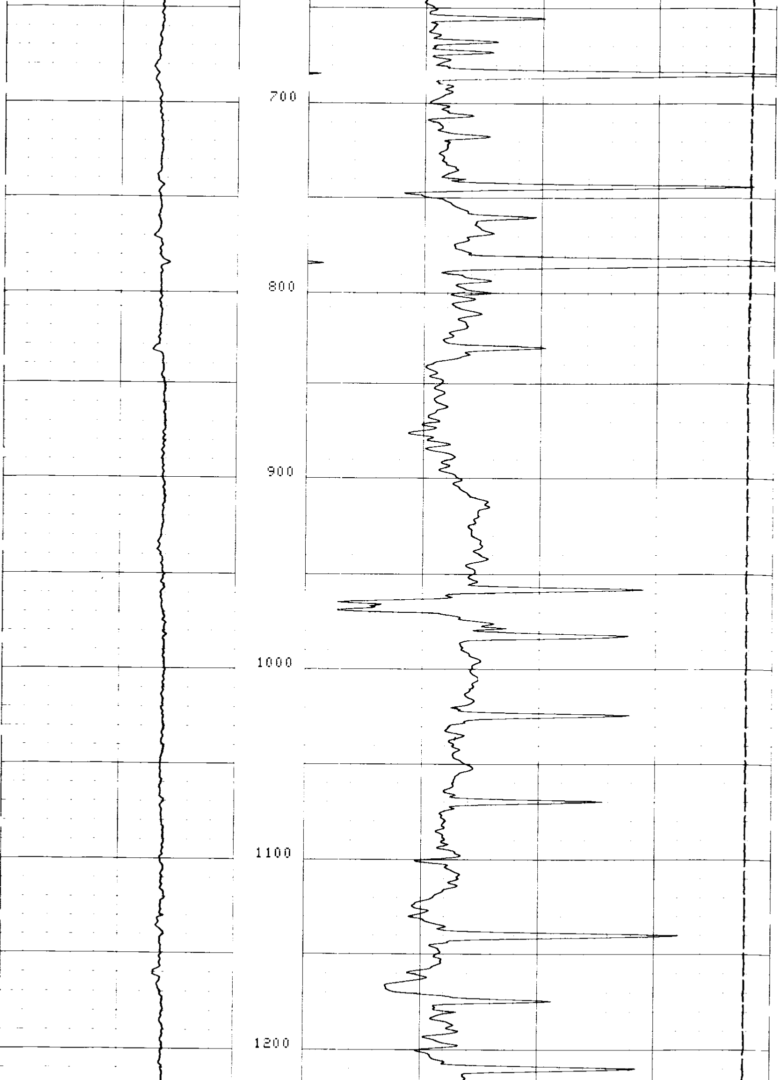
TENS(LB)
10000.   0.0

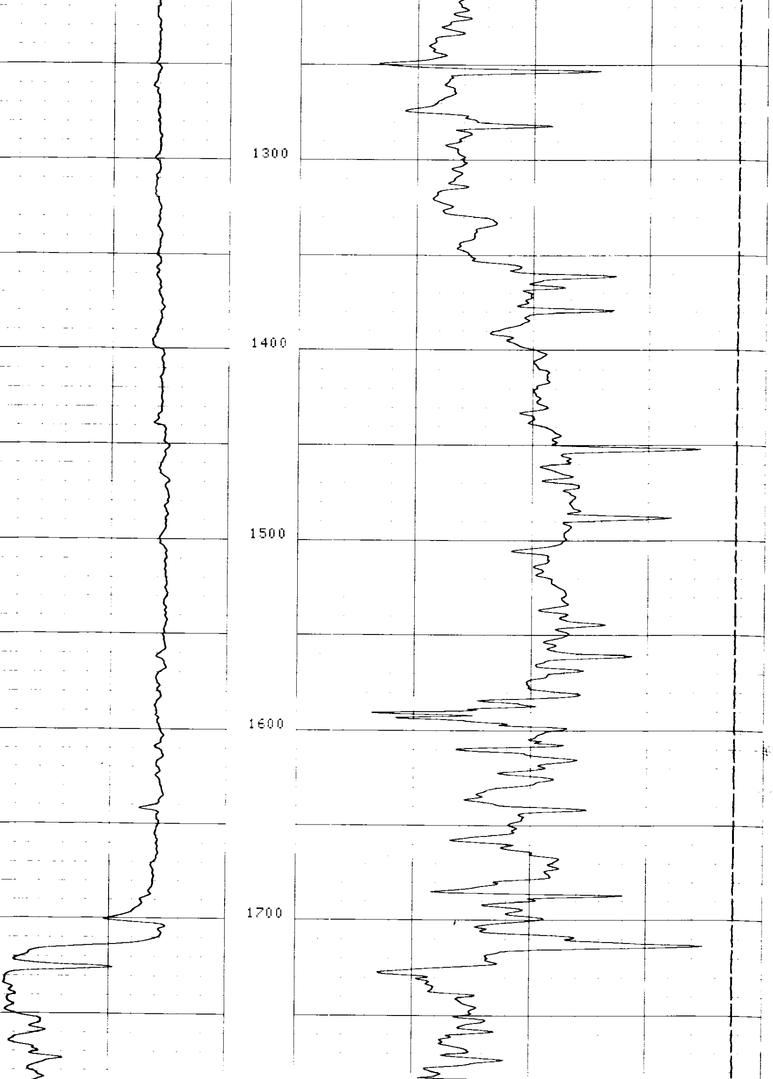
SP (MV)
-100.0   0.0

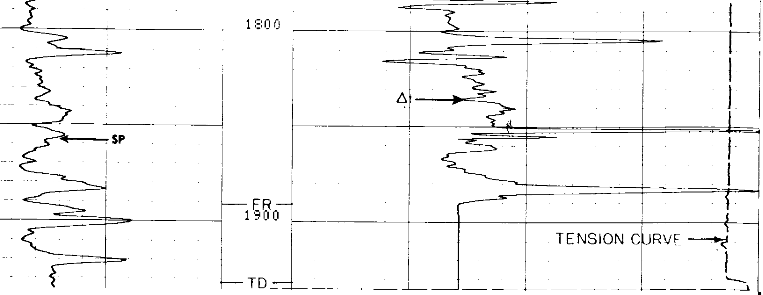
DT (US/F)
175.00   75.000

CP 28.4A   FILE   3   17-SEP-86 20:51
                  DATA ACQUIRED   17-SEP-86 20:34









CP 28.4A

FILE 3 17-SEP-86 20:48
DATA ACQUIRED 17-SEP-86 19:57

TENS(LB) 10000. 0.0

SP (MV) -100.0 0.0

DT (US/F) 175.00 75.000

SENSOR MEASURE POINT TO TOOL ZERO

SRAT	41.4	FEET	AMPL	43.9	FEET
TT1	42.9	FEET	CBL	43.9	FEET
TT3	40.2	FEET	TT2	43.9	FEET
T0	43.9	FEET	TT4	39.2	FEET
SLTT	43.9	FEET	TT	43.9	FEET
CALI	31.8	FEET	SCBL	43.9	FEET
ILM	5.8	FEET	ILD	9.4	FEET
SP	2.5	FEET	SFL	6.4	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
NOIS	2.5	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		SPFS	R-H	
DTF	189.000	US/F	DTM	56.0000	US/F
DSIN	5	US	DDEL	200	US
DSEC	7.20000	MMHO	DWCO	512	
MSEC	9.00000	MMHO	SBR	1.00000	OHMM
BHS	OPEN		FPHI	PHIX	
DO	0.0	F	BS	8.50000	IN
PP	OFF				

EVENT MARK SUMMARY:

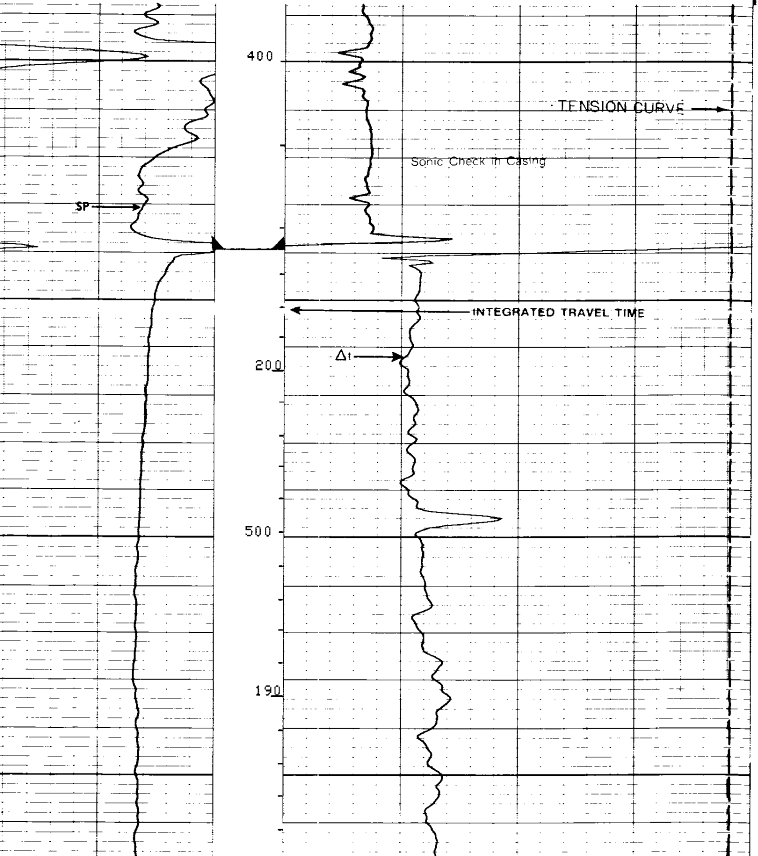
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
ITT	.00100000 S	RIGHT EDGE

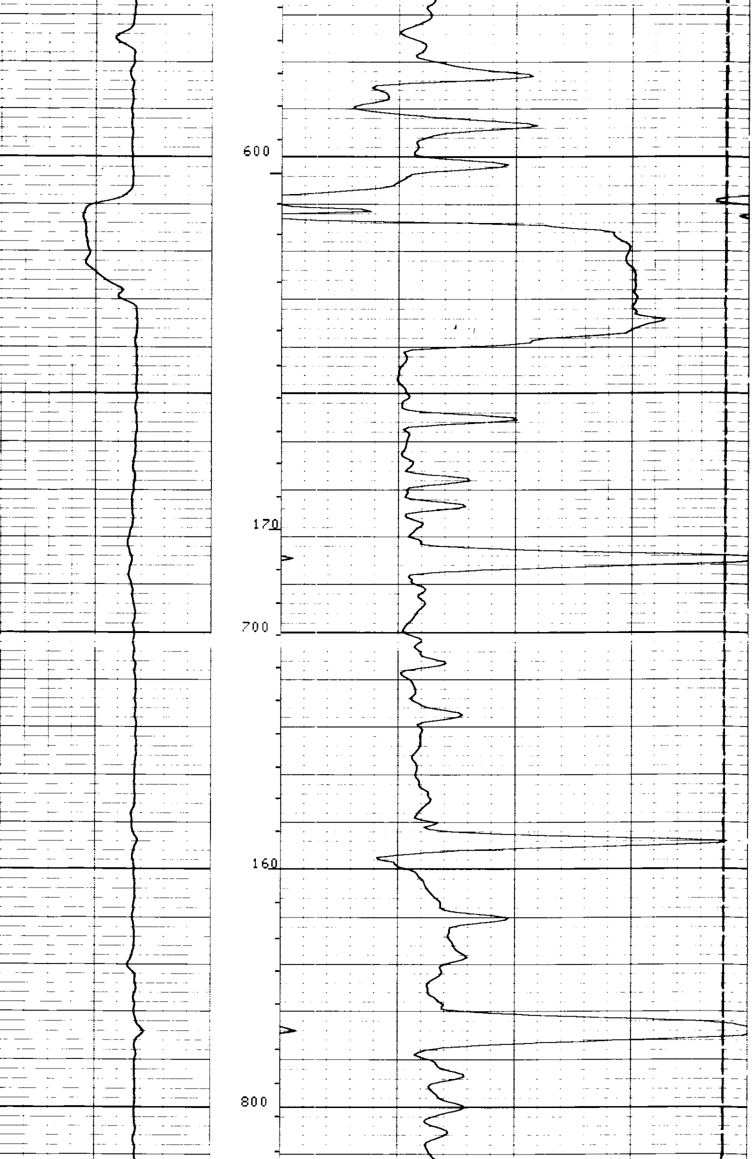
TENS(LB)
10000. 0.0

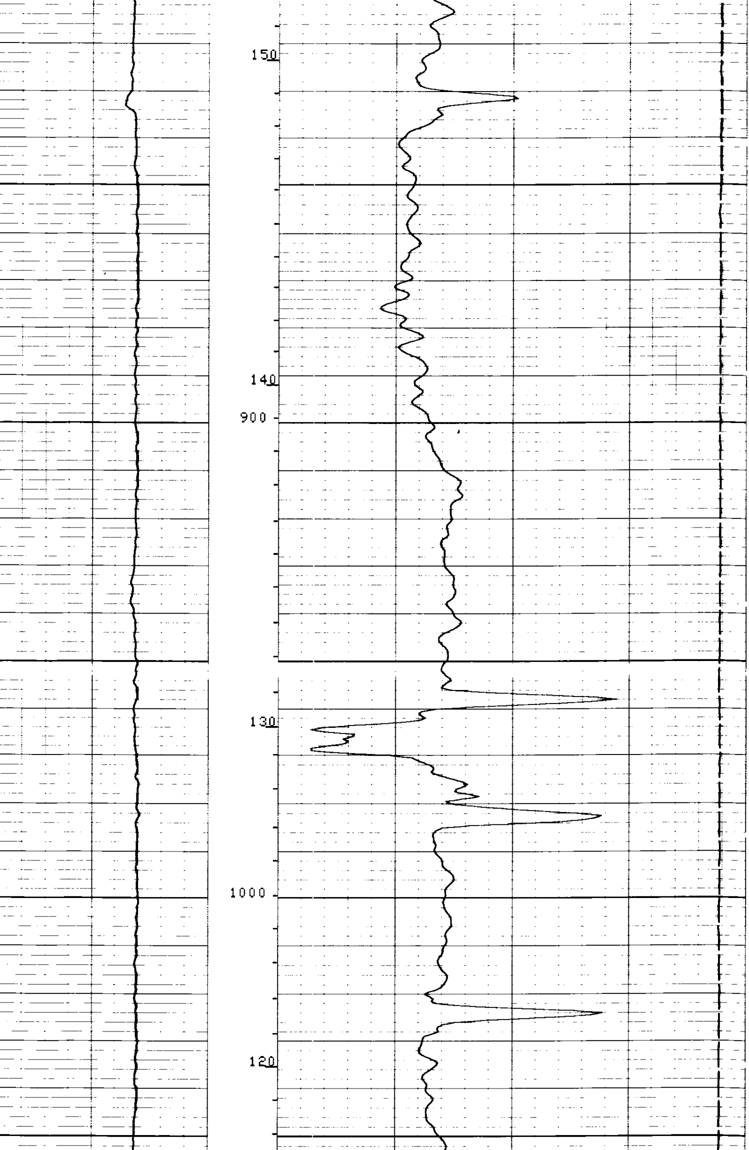
SP (MV)
100.0 0.0

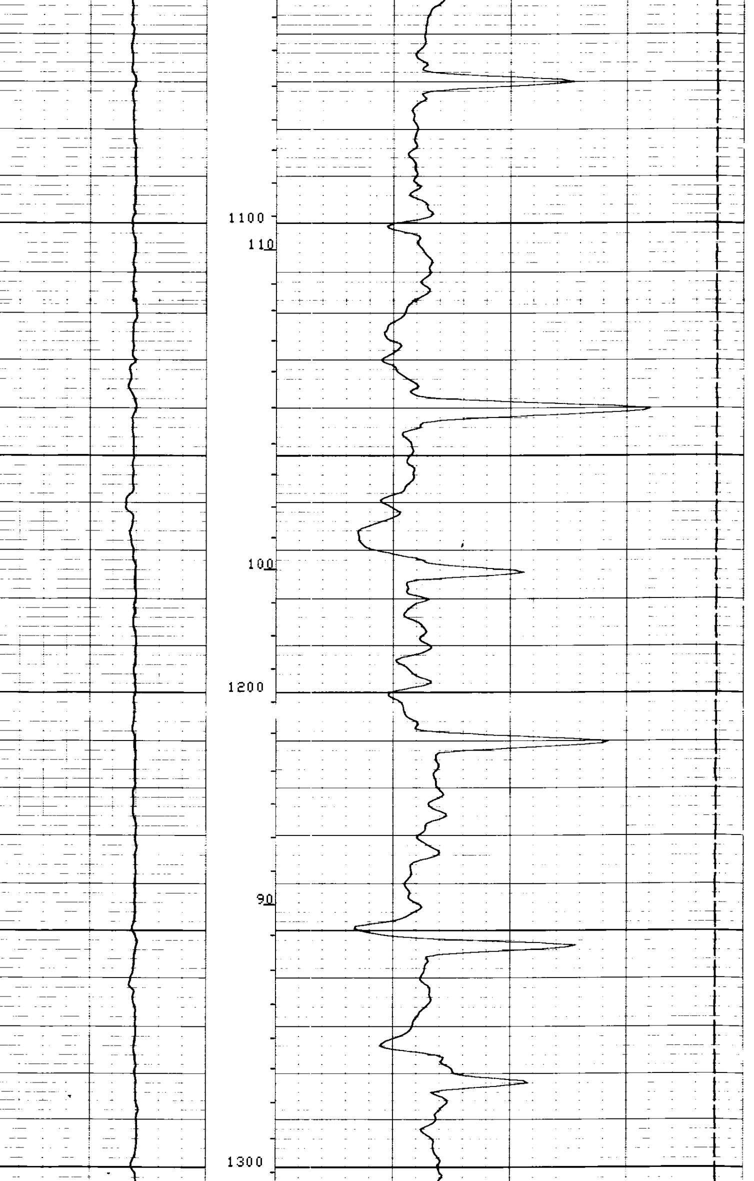
DT (US/F)
175.00 75.000

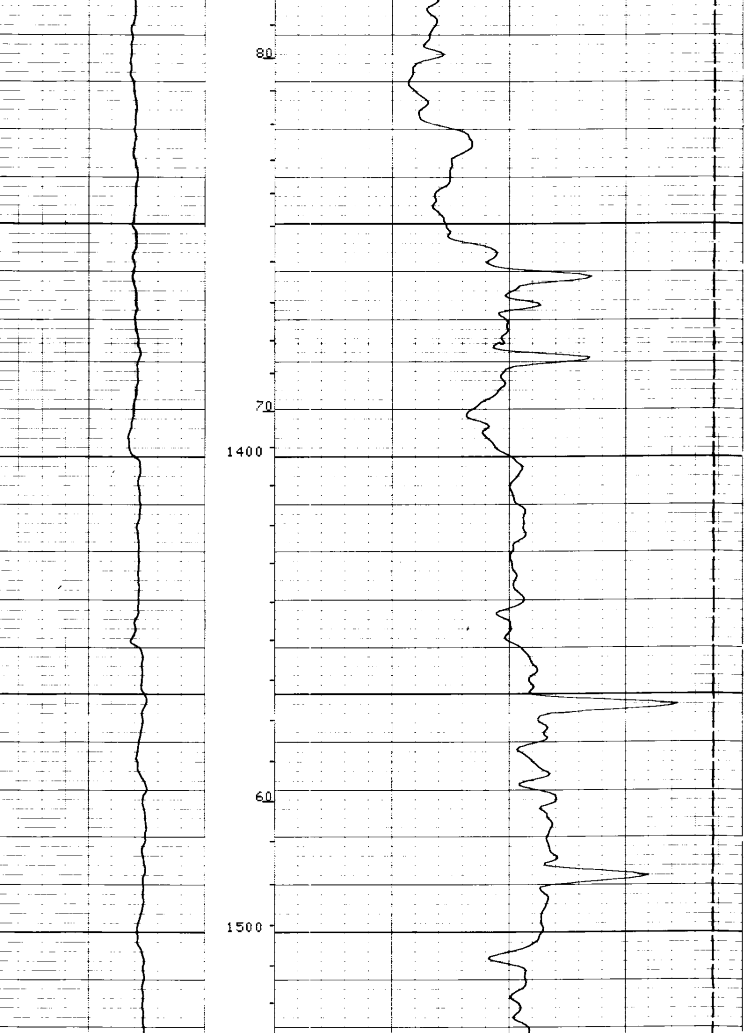
CP 28.4A FILE 3 17-SEP-86 20:34

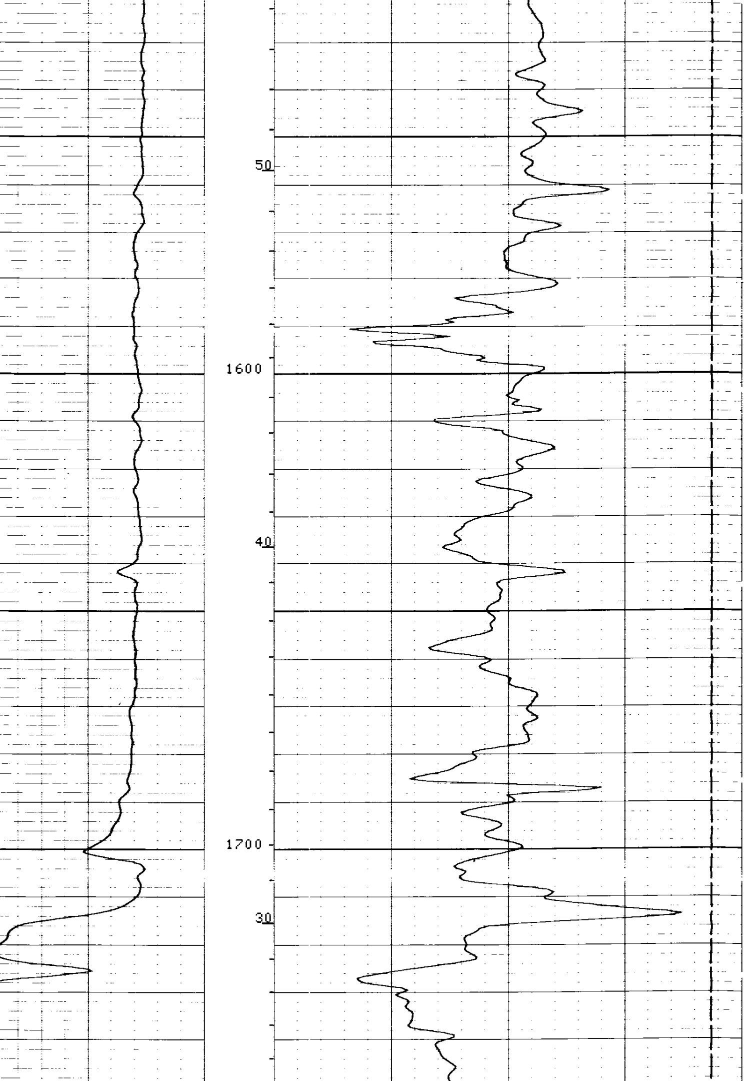


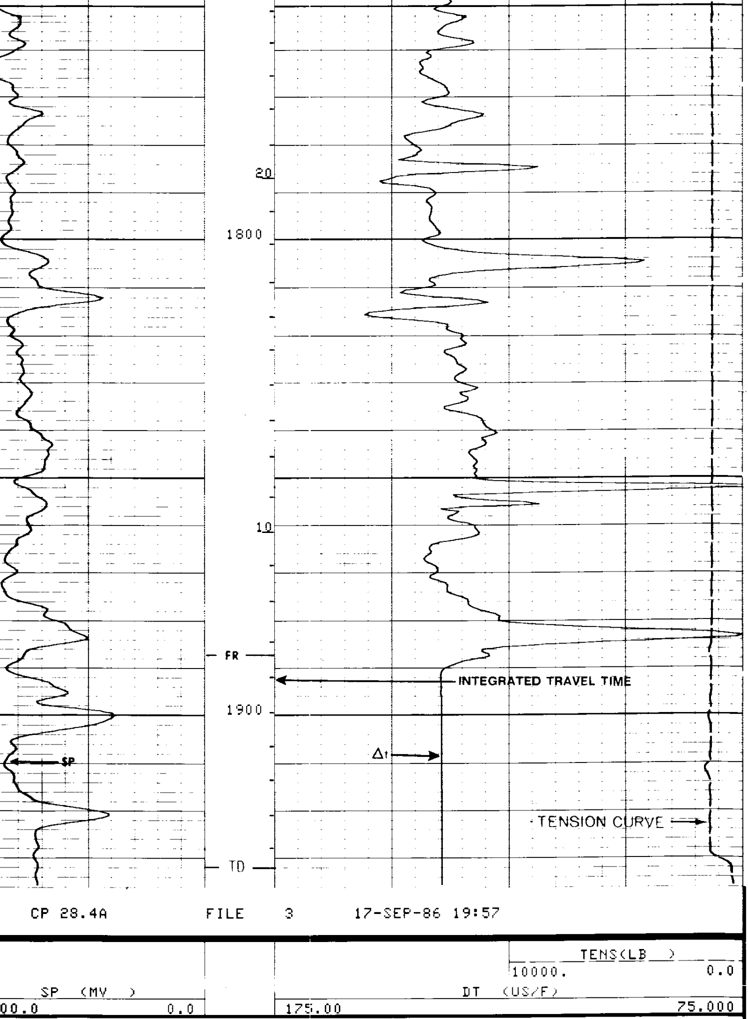












SENSOR MEASURE POINT TO TOOL ZERO

SRAT	41.4	FEET	AMPL	43.9	FEET
TT1	42.9	FEET	CBL	43.9	FEET
TT3	40.2	FEET	TT2	43.9	FEET
TO	43.9	FEET	TT4	39.2	FEET
SLTT	43.9	FEET	TT	43.9	FEET
CALI	31.8	FEET	SCBL	43.9	FEET

ILM	5.8	FEET	ILD	9.4	FEET
SP	2.5	FEET	SFL	6.4	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
NOIS	2.5	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		SPFS	R-H	
DTF	189.000	US/F	DTM	56.0000	US/F
DSIN	5	US	DDEL	200	US
DSEC	7.20000	MMHO	DWCO	512	
MSEC	9.00000	MMHO	SBR	1.00000	OHMM
BHS	OPEN		FPHI	PHIX	
BS	8.50000	IN			

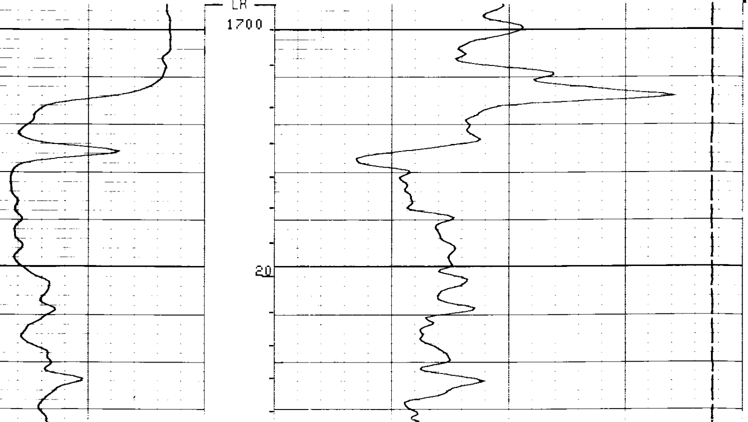
EVENT MARK SUMMARY:

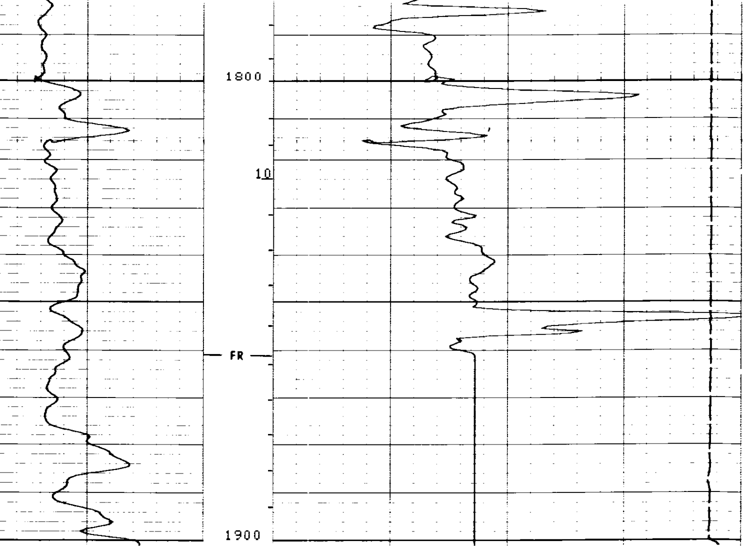
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
ITT	.00100000 S	RIGHT EDGE

SP (MV)		DT (US/F)		TENS(LB)	
00.0	0.0	175.00	75.000	10000.	0.0

REPEAT SECTION

CP 28.4A FILE 2 17-SEP-86 19:48





CP 28.4A FILE 2 17-SEP-86 19:41 **REPEAT SECTION**

TENS(LB)
10000. 0.0

SP (MV)
00.0 0.0

DT (US/F)
175.00 75.000

SENSOR MEASURE POINT TO TOOL ZERO

SRAT	41.4	FEET	AMPL	43.9	FEET
TT1	42.9	FEET	CBL	43.9	FEET
TT3	40.2	FEET	TT2	43.9	FEET
T0	43.9	FEET	TT4	39.2	FEET
SLTT	43.9	FEET	TT	43.9	FEET
CALI	31.8	FEET	SCBL	43.9	FEET
ILM	5.8	FEET	ILD	9.4	FEET
SP	2.5	FEET	SFL	6.4	FEET
TENS	2.5	FEET	SPAR	2.5	FEET
NOIS	2.5	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
CDTS	100.000		SPFS	R-H	
DTF	189.000	US/F	DTM	56.0000	US/F
DSIN	5	US	DDEL	200	US
DSEC	7.20000	MMHO	DWCO	512	
MSEC	9.00000	MMHO	SBR	1.00000	OHMM
BHS	OPEN		FPHI	PHIX	
BS	8.50000	IN			