CC 22-27-65

Schlumberger

5" BHC SONIC

CSU Field Log

COMPANY: ARCO EXPLORATION AND TECHNOLOGY COMPANY

WELL: COLUMBIA COUNTY 22-27

FIELD: MIST GAS FIELD
COUNTY: COLUMBIA
STATE: OREGON
NATION: USA
LOCATION: 2339.07'S 89 6' 27" &
1180.19'S 0 53' 33"W OF NW CORNER
SEC: 27 TWP: 6N RGE: 5W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 850.2 F
LOG MEASURED FROM: KB
12.0 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 862.2 F
DF:
GL: 850.2 F

DATE: 22 NOV 85
RUN NO: 1

DEPTH-DRILLER: 2532.0 F
DEPTH-LOGGER: 2512.0 F
BTM. LOG INTERVAL: 2470.0 F
TOP LOG INTERVAL: 416.0 F

CASING-DRILLER: 418.0 F
CASING-LOGGER: 418.0 F
CASING: 9.625
WEIGHT:
BIT SIZE: 8.75
DEPTH: 2532.0 F

RECEIVED
DEC 10 1985
DOGAMI
Portland

OTHER SERVICES-
DIL
HDT
SAT
SWS

PROGRAM
TAPE NO:
28.2A
SERVICE
ORDER NO:
450595

TYPE FLUID IN HOLE: GEL-POLYMER
DENSITY: 10.20 LB/G
VISCOSITY: 52.0 S
PH: 8.5
FLUID LOSS: 5.2 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 3.830 OHMM AT 45.0 DEGF
RMF: 3.110 OHMM AT 45.0 DEGF
RMC: 3.950 OHMM AT 45.0 DEGF
SOURCE RMF/RMC: MEASURED /MEASURED
RM AT BHT: 1.778 OHMM AT 105. DEGF
RMF AT BHT: 1.444 OHMM AT 105. DEGF
RMC AT BHT: 1.834 OHMM AT 105. DEGF

TIME CIRC. STOPPED: 0900 11-22
TIME LOGGER ON BTM.: 20:05 11-20

MAX. REC. TEMP: 105.0 DEGF

LOGGING UNIT NO: 8126
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: REINIG/PILCH
WITNESSED BY: ANDERSON

REMARKS:

INDUCTION AND SONIC RUN IN COMBINATION.
TOOL STUCK AT 2230. SEE TENSION CURVE.
THE PULL CAUSED A DEPTH SHIFT IN LOG.
LOG IS DEPTH OFFSET TO MATCH THE DENSITY NEUTRON.
CENTRALIZERS WERE TORN FROM SONIC SONDE WHEN TOOL BROKE FREE
SONIC UNCENTRALIZED ABOVE 2200 FEET.

EQUIPMENT NUMBERS-

DIS-EC 1422	DIC-DA 1149	MCD-DA 1186	SLS-RC 375
SLC-FA 1261	SGC-JAA 466	SLM-DA 428	IEM-BD 685
NLM-BC 456			

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 28.2A FILE 103 23-NOV-85 08:01
DATA ACQUIRED 22-NOV-85 20:55

EVENT MARK SUMMARY:

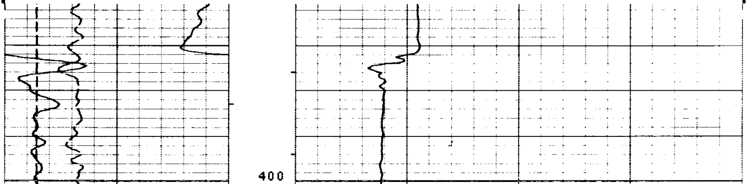
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ITT	.00100000 S	RIGHT EDGE

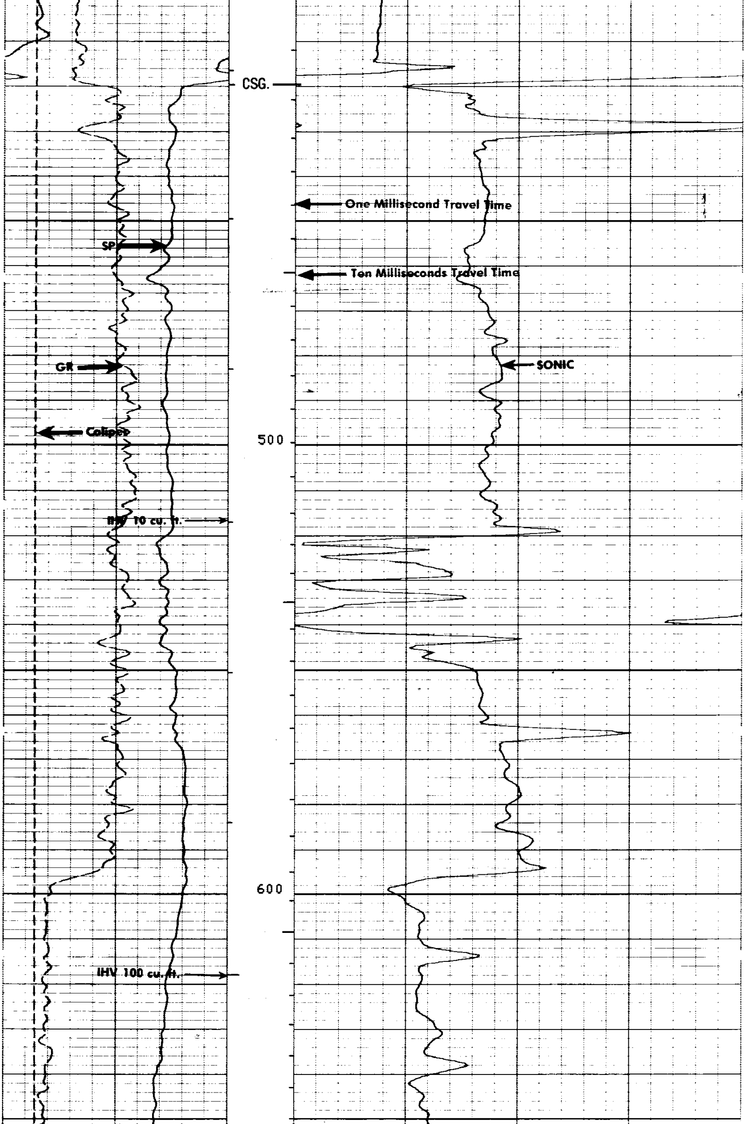
CHANGED PARAMETERS

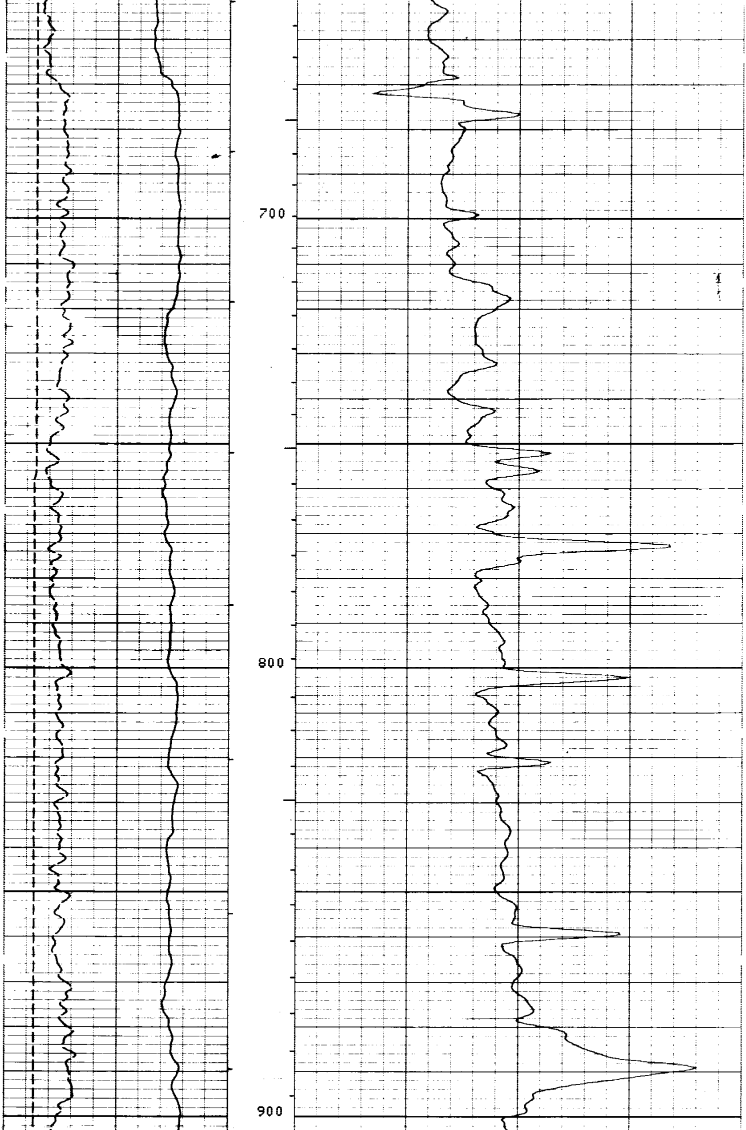
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
DO	3.00000	F	650.0	DO	4.00000	F	550.0
DO	1.00000	F	900.0	DO	2.00000	F	850.0

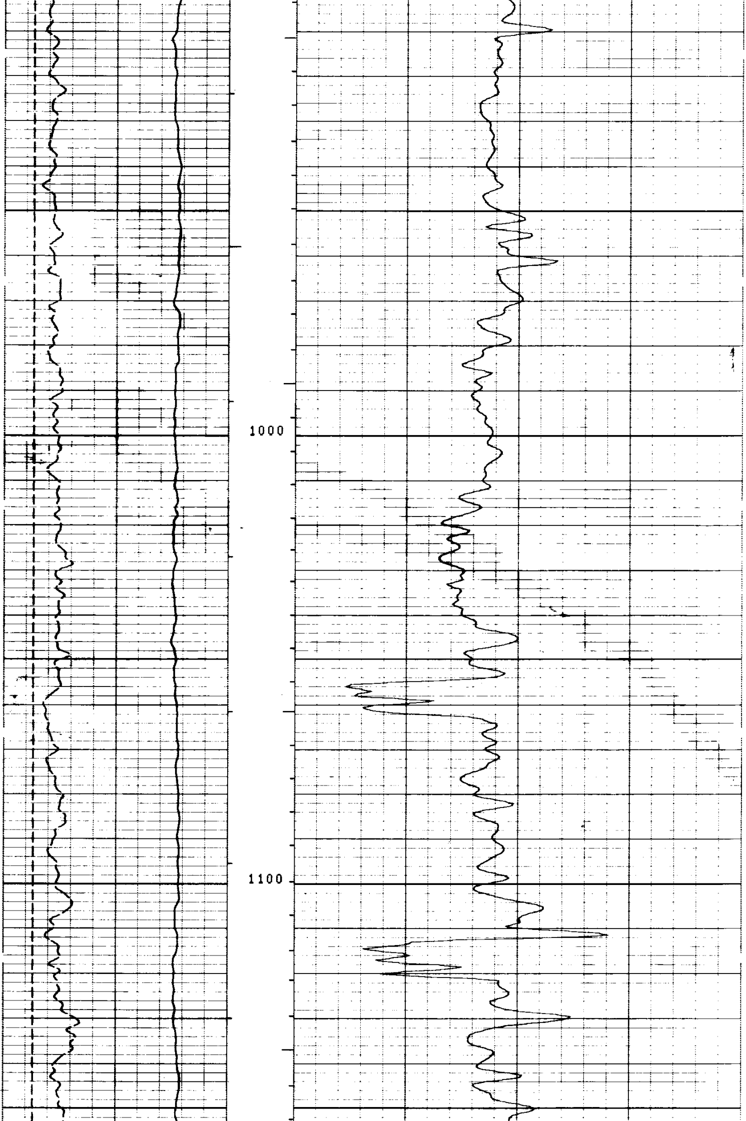
GR (GAPI)			
0.0	150.00		
CALI(IN)			
6.0000	16.000		DT (US/F)
SP (MV)			
-100.0	0.0	175.00	75.000

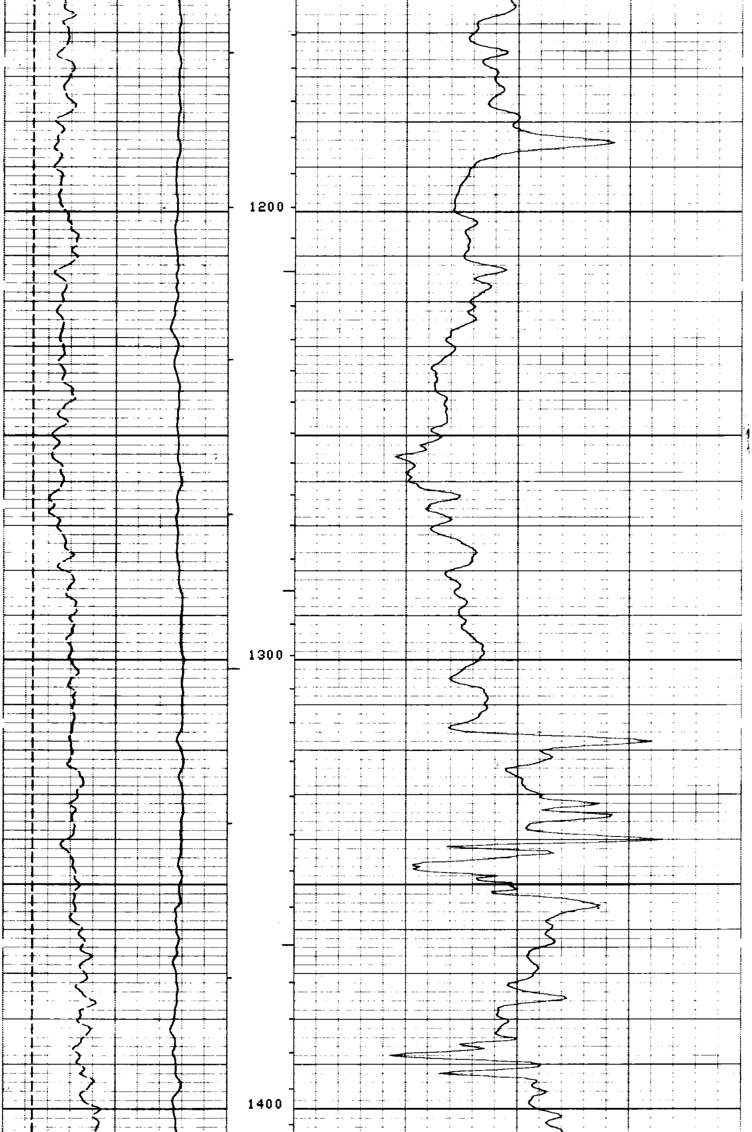
CP 28.2A FILE 102 23-NOV-85 09:28
DATA ACQUIRED 22-NOV-85 20:55

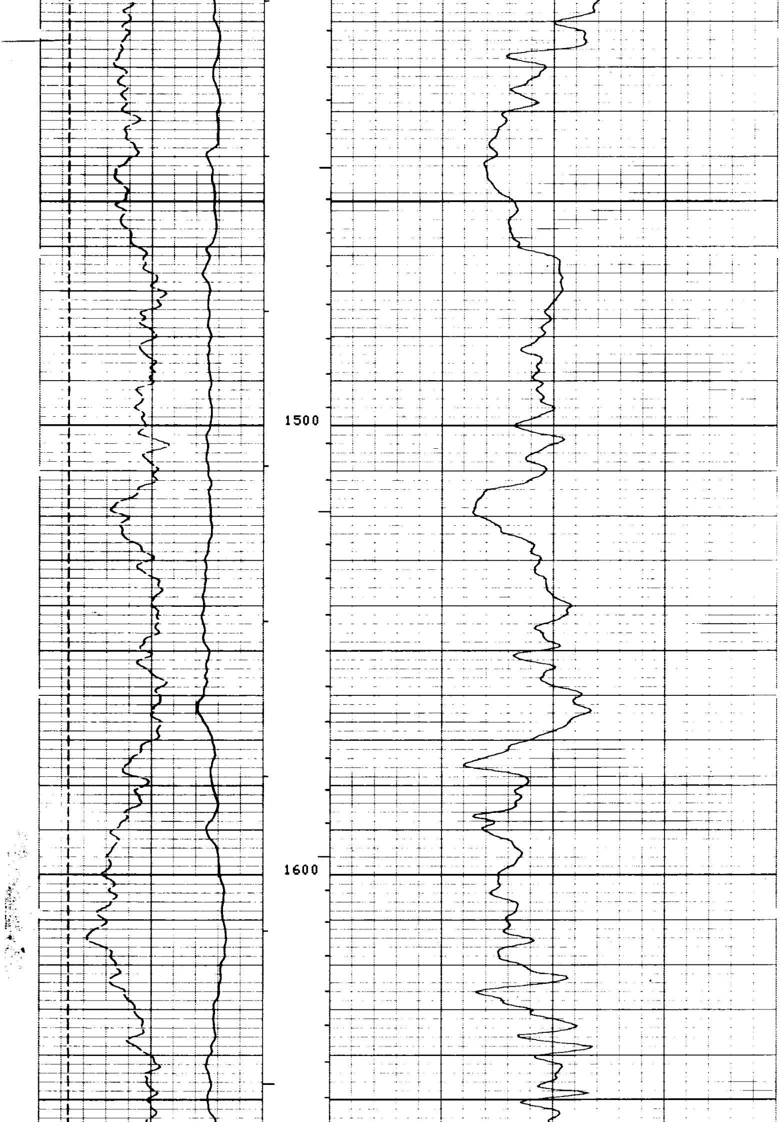


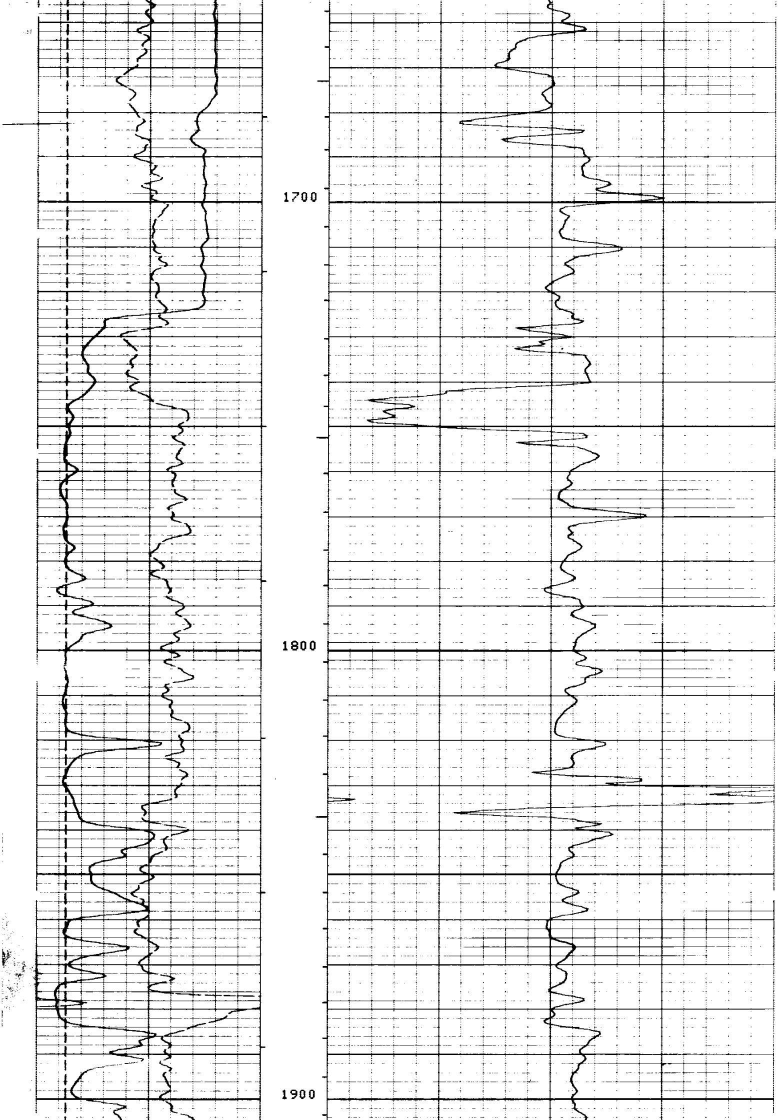


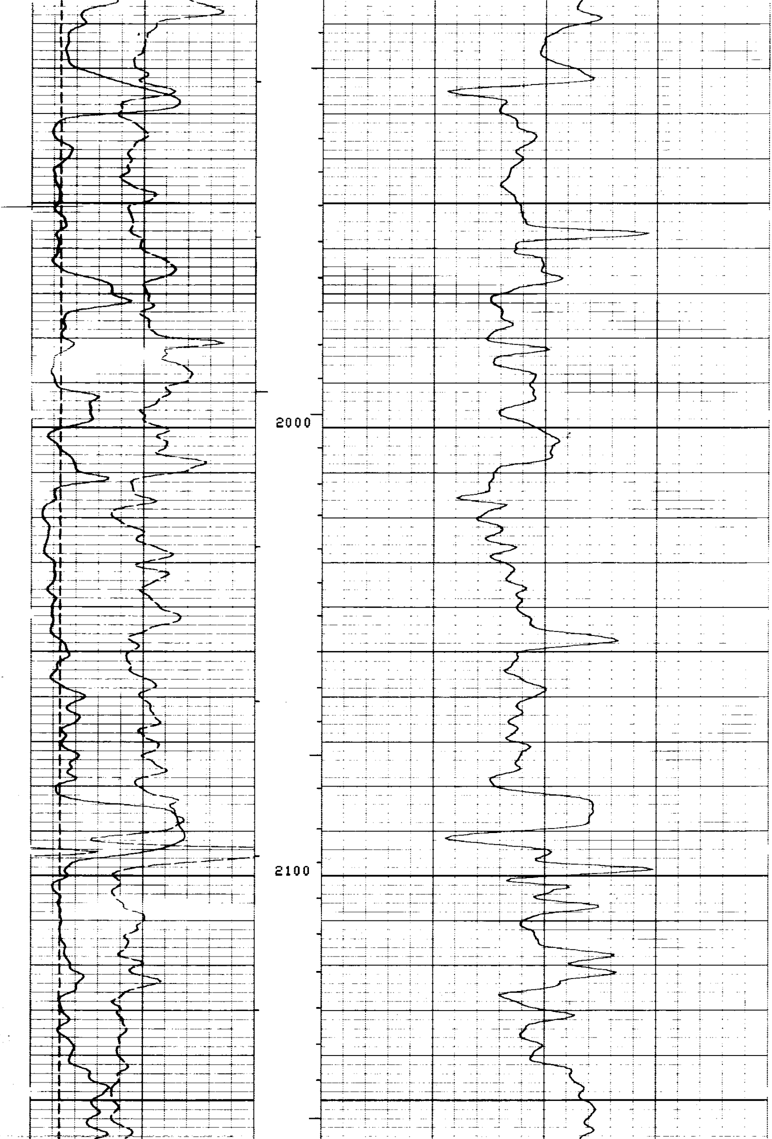


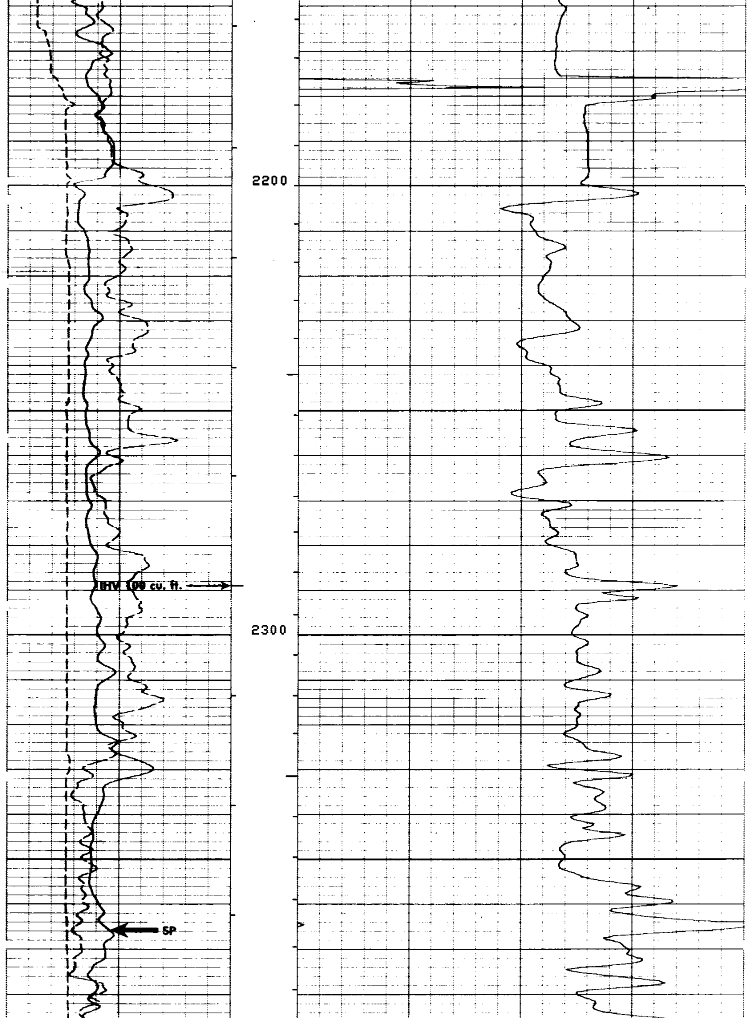


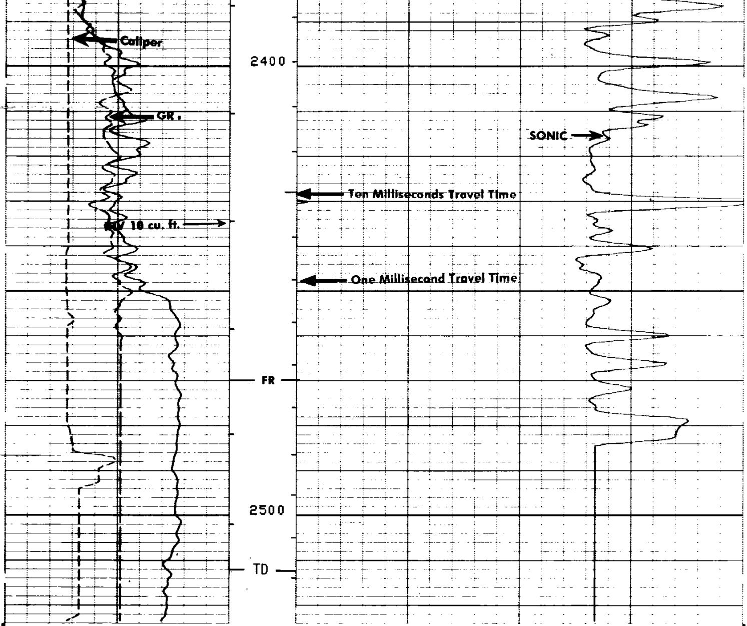












CP 28.2A

FILE 102 23-NOV-85 09:22
DATA ACQUIRED 22-NOV-85 20:01

GR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000
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
GR	64.1	FEET	SCBL	43.9	FEET
ILD	9.4	FEET	CALI	31.8	FEET
SFL	6.4	FEET	ILM	5.8	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	2.5	FEET	TENS	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
WMUD	10.2000	LB/G	DWCO	512	
SBR	1.00000	OHMM	DSEC	3.70000	MMHO
FPHI	SPHI		MSEC	6.40000	MMHO
FNUM	.620000		FEXP	2.15000	
BHS	OPEN		CSIZ	9.62500	IN
DO	0.0	F	BS	8.75000	IN
PP	NORM				

EVENT MARK SUMMARY:

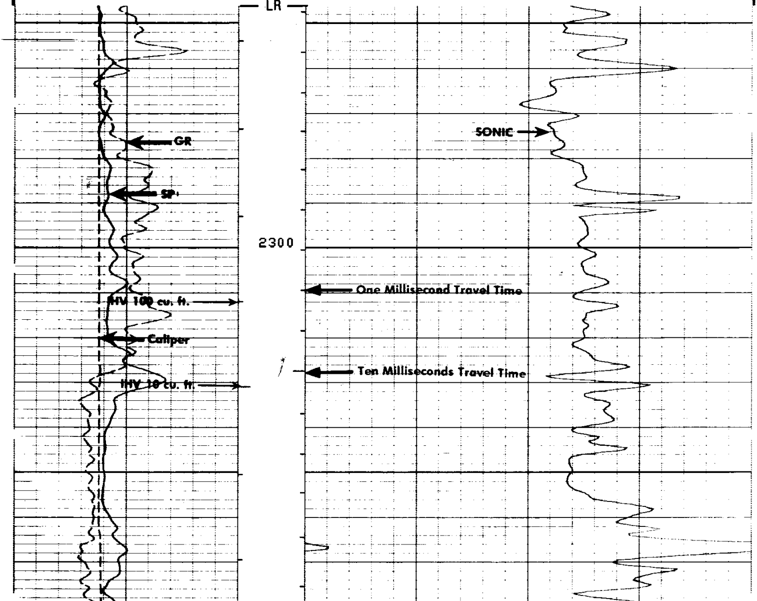
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
IHV	10.0000 F3	LEFT EDGE
ITT	.00100000 S	RIGHT EDGE

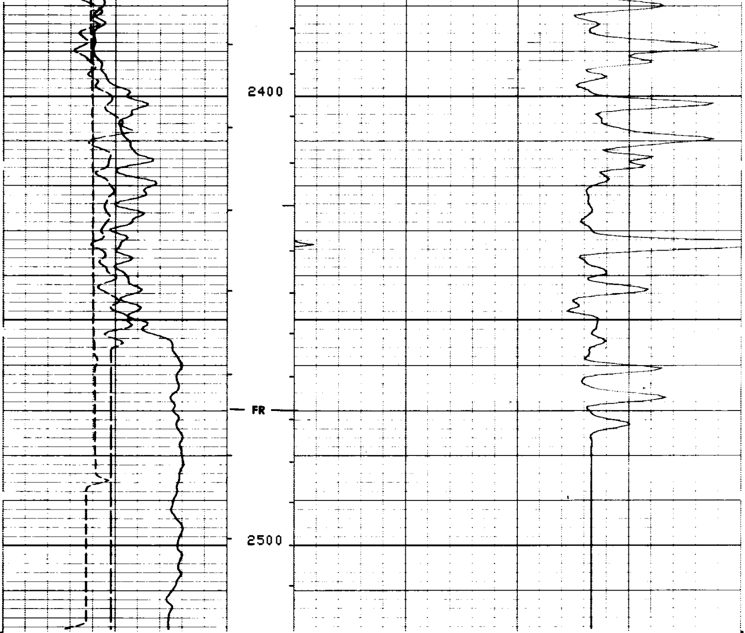
GR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000
SP (MV)
-100.0 0.0

DT (US/F)
175.00 75.000

REPEAT SECTION

CP 28.2A FILE 101 23-NOV-85 09:21
DATA ACQUIRED 22-NOV-85 20:00





CP 28.2A

FILE 101 23-NOV-85 09:20
DATA ACQUIRED 22-NOV-85 19:51

GR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000
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
TO	43.9	FEET	TT4	39.2	FEET
SLTT	43.9	FEET	TT	43.9	FEET
GR	64.1	FEET	SCBL	43.9	FEET
ILD	9.4	FEET	CALI	31.8	FEET
SFL	6.4	FEET	ILM	5.8	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	2.5	FEET	TENS	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
WMUD	10.2000	LB/G	DWCO	512	
SBR	1.00000	OHMM	DSEC	3.70000	MMHO
FPHI	SPHI		MSEC	6.40000	MMHO
FNUM	.620000		FEXP	2.15000	
BHS	OPEN		CSIZ	9.62500	IN
DO	0.0	F	BS	8.75000	IN
PP	NORM				

EVENT MARK SUMMARY:

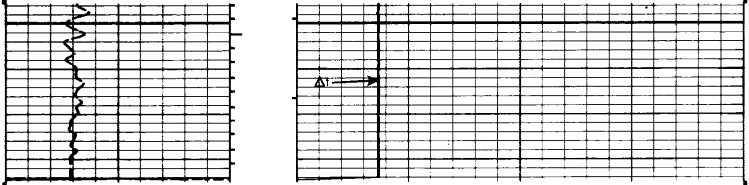
OUTPUT	INTERVAL BETWEEN PIPS	DEPTH TRACK EDGE
INV	10.0000 F3	LEFT EDGE
ITT	.00100000 S	RIGHT EDGE

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

DT (US/F)
175.00 75.000

Sonic Check in Casing·

CP 28.2A FILE 0 22-NOV-85 19:22



CP 28.2A FILE 0 22-NOV-85 19:22

GR (GAPI)
0.0 150.00
CALI(IN)
6.0000 16.000
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
TO	43.9	FEET	TT4	39.2	FEET
SLTT	43.9	FEET	TT	43.9	FEET
GR	64.1	FEET	SCBL	43.9	FEET
ILD	9.4	FEET	CALI	2.7	FEET
SFL	6.4	FEET	ILM	5.8	FEET
SPAR	2.5	FEET	SP	2.5	FEET
NOIS	2.5	FEET	TENS	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
WMUD	10.2000	LB/G	DWCO	512	
SBR	1.00000	OHMM	DSEC	3.70000	MMHO
FPHI	SPHI		MSEC	6.40000	MMHO
FNUM	.620000		FEXP	2.15000	
BHS	OPEN		CSIZ	9.62500	IN
BS	8.75000	IN			