CYBERLOOK

CSU

COMPANY: ARCO EXPLORATION COMPANY

WELL: "COLUMBIA COUNTY" #44-21

RECEIVED - PTLD
MAY 20 1985
DEPT. OF GEOLOGY

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

OTHER SERVICES-
DIL-BHC
FDC-CNL-GR
HDT
WST
CST

API SERIAL NO:
36 009 001

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 869.6 F
LOG MEASURED FROM: KB
10.3 F ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 880.0 F
DF: 879.0 F
GL: 869.6 F

PROGRAM
TAPE NO:
26.2
SERVICE
ORDER NO:
432309

DATE: 7 FEB 85
RUN NO: 1

CONFIDENTIAL

DEPTH-DRILLER: 4500.0 F
DEPTH-LOGGER: 4500.0 F
BTM. LOG INTERVAL: 2950.0 F
TOP LOG INTERVAL: 1750.0 F

CASING-DRILLER: 990 F
CASING-LOGGER: 990 F
CASING: 9 5/8"

BIT SIZE: 8 3/4"
DEPTH: 4500 F

TYPE FLUID IN HOLE: GEL/LIGNO
DENSITY: 11.6 LB/G
VISCOSITY: 51.0 S
PH: 8.0
FLUID LOSS: 6.1 C3
SOURCE OF SAMPLE: MUDPIT
RM: 2.640 OHMM AT 64.0 DEGF
RMF: 2.700 OHMM AT 48.0 DEGF
RMC: 3.590 OHMM AT 48.0 DEGF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 1.629 OHMM AT 108. DEGF
RMF AT BHT: 1.291 OHMM AT 108. DEGF
RMC AT BHT: 1.716 OHMM AT 108. DEGF

TIME CIRC. STOPPED: 03:00 2-5
TIME LOGGER ON BTM.: 00:05 2-7

MAX. REC. TEMP:	108.0 DEGF
LOGGING UNIT NO:	8128
LOGGING UNIT LOC:	SACRAMENTO
RECORDED BY:	PILCH
WITNESSED BY:	ANDERSON

REMARKS:

EQUIPMENT NUMBERS-

DIL	BHC	MCD	FDC
CNL	SGC		

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.

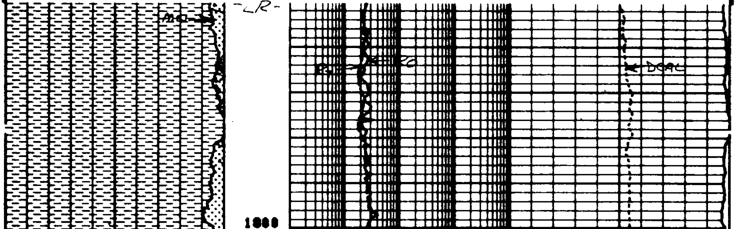
CHANGED PARAMETERS

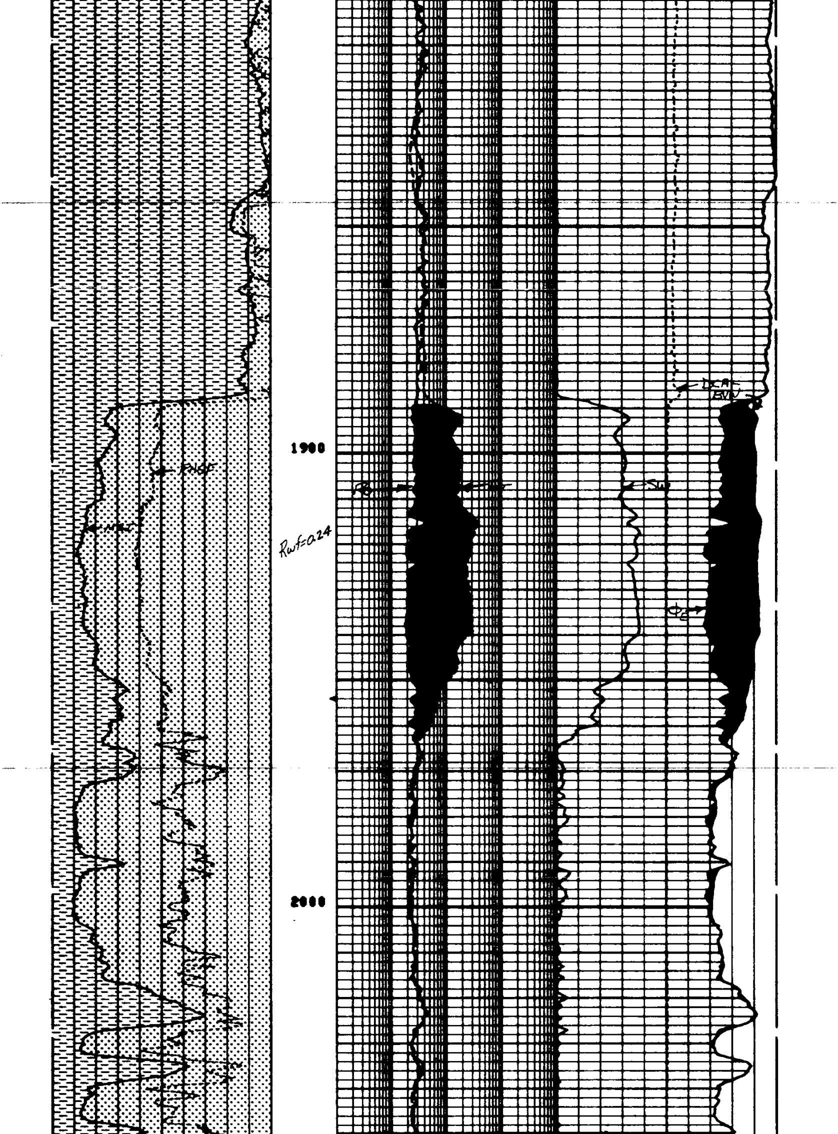
NAME	VALUE	UNIT	DEPTH (F)	NAME	VALUE	UNIT	DEPTH (F)
RWB	.500000	OHMM	2520.0				
RWF	.240000	OHMM	2950.0	RWB	1.00000	OHMM	2950.0
SPSH	-20.0000	MV	2950.0	SPSH	-30.0000	MV	1910.0
SPCL	-90.0000	MV	2950.0	SPCL	-85.0000	MV	1960.0

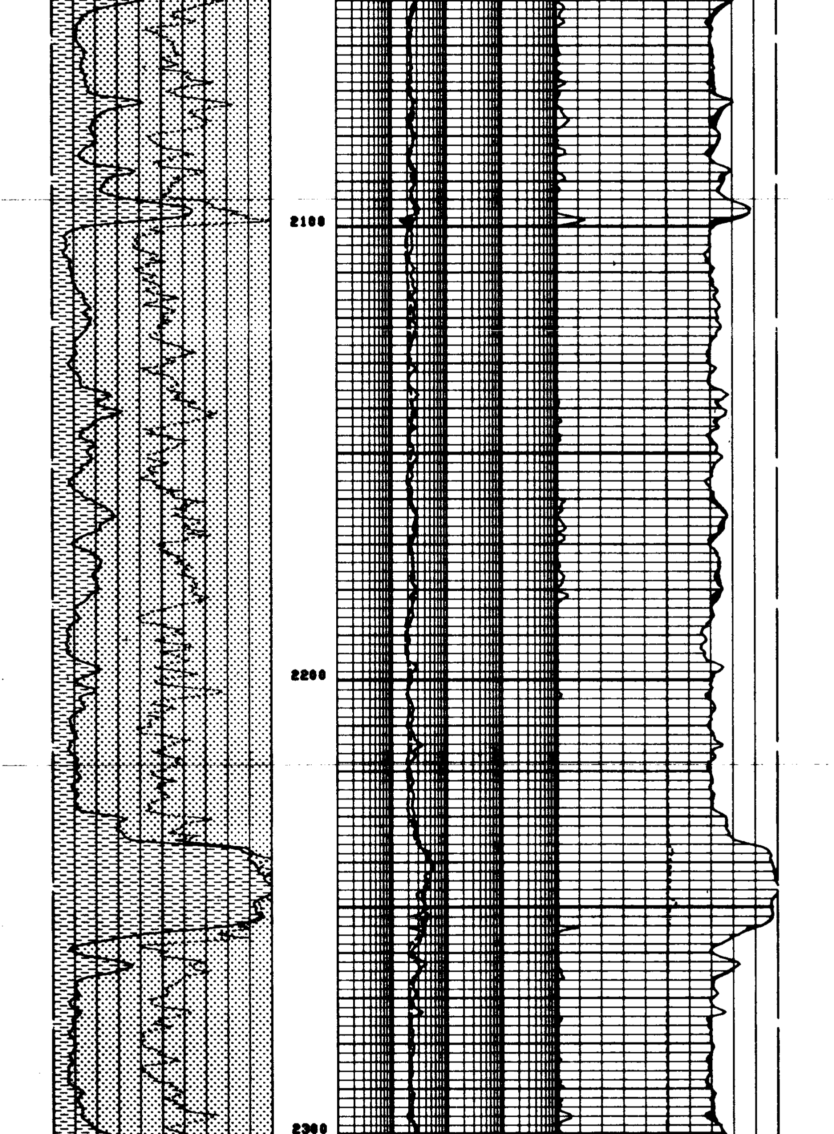
RHGF(G/C3) 2.5000 3.0000		RO (OHMM) .10000 1000.0	SW 1.0000 -1.000
MSI 0.0 1.0000		RT (OHMM) .10000 1000.0	DCAL(IN) -20.00 20.000
			BVW 1.0000 0.0
			PHIE 1.0000 0.0

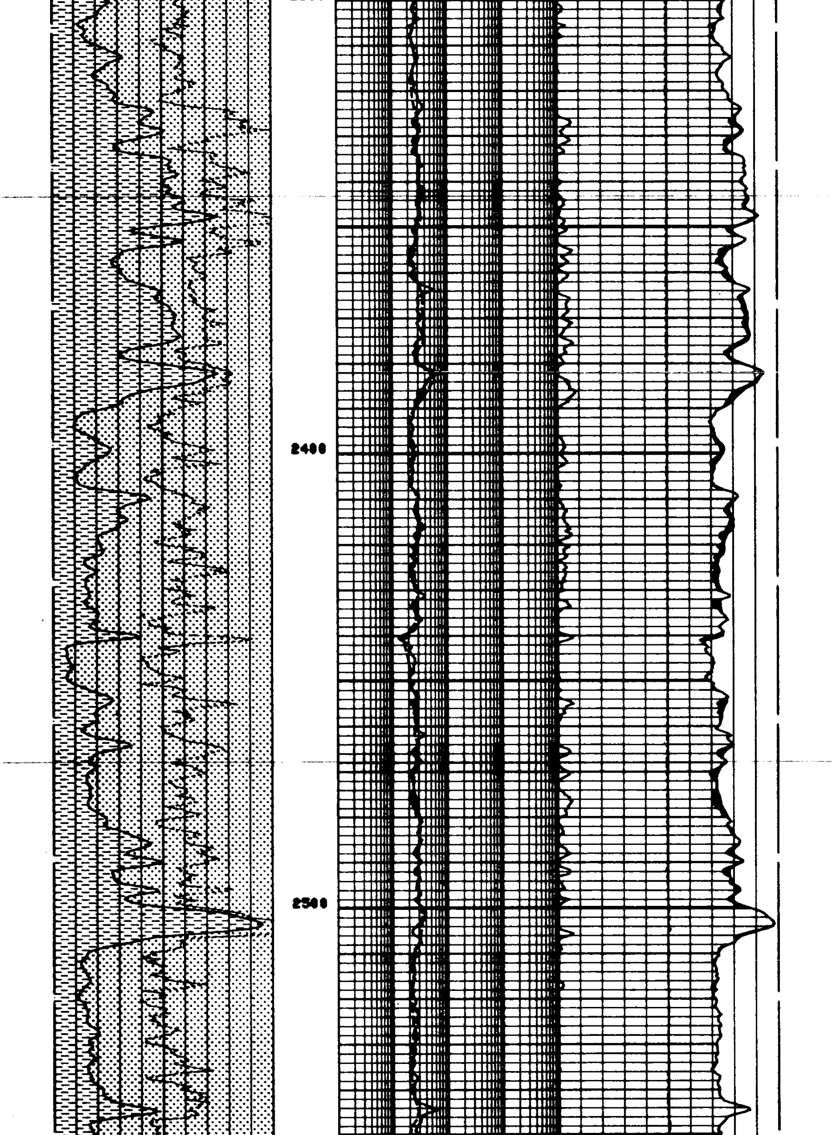
PASS 2

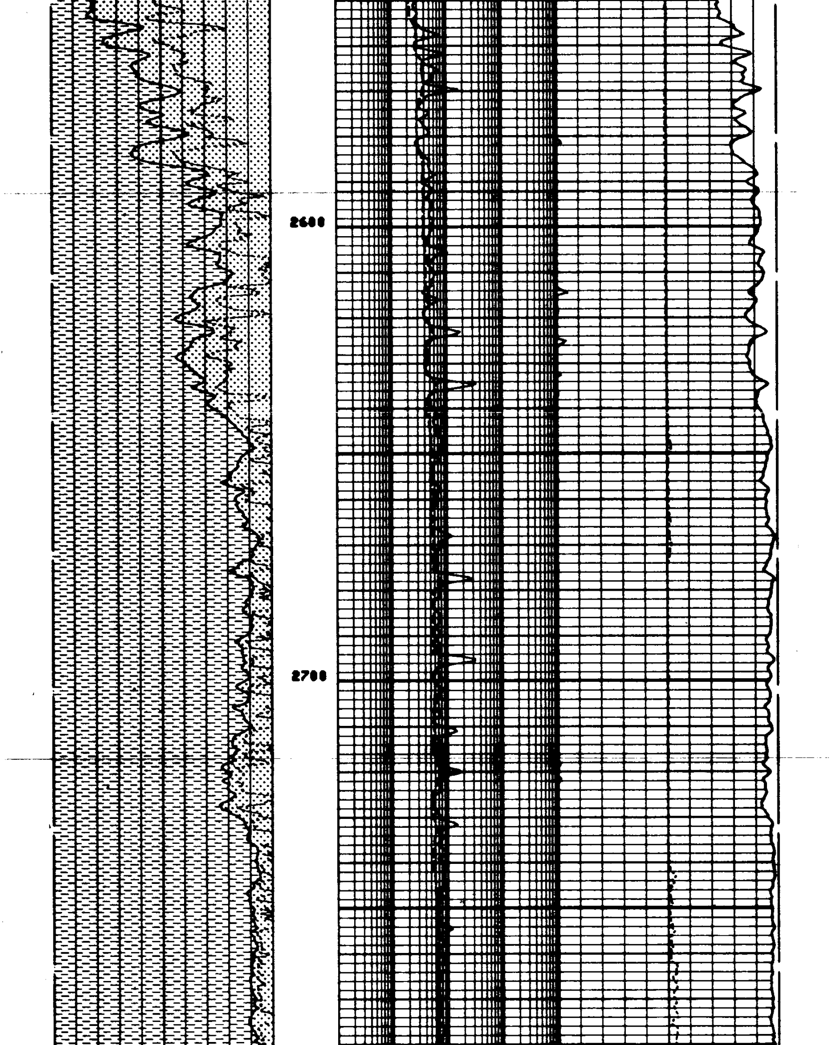
FILE 104 07-FEB-85 02:49
DATA ACQUIRED 07-FEB-85 01:40

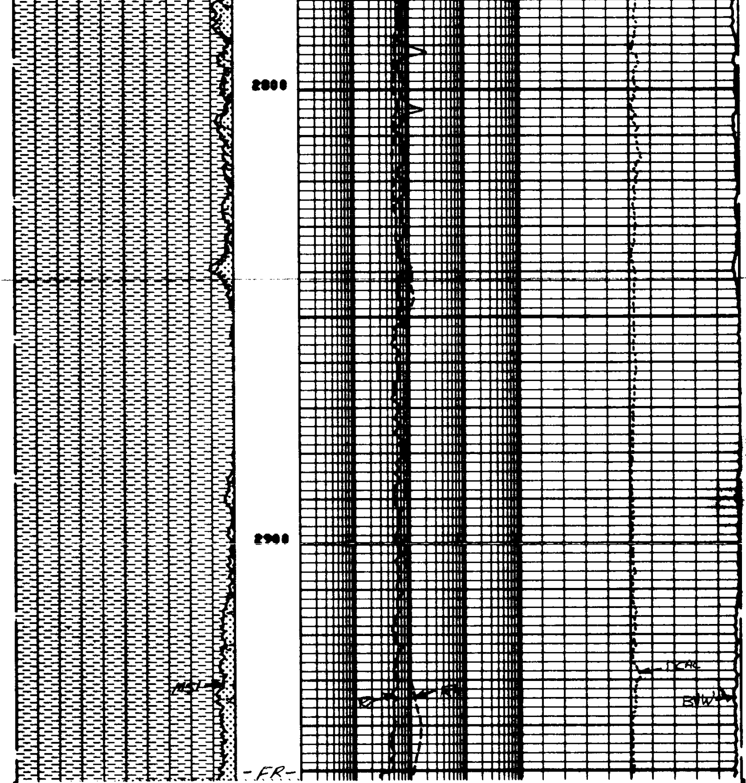












FILE 4 07-FEB-85 02:44
DATA ACQUIRED 07-FEB-85 01:01

RHGF(G/C3)		R0 (OHMM)	SW
			1.0000 -1.000
			DCAL(IN)
			-20.00 20.000
2.5000 3.0000		.10000 1000.0	BVW
MSI		RT (OHMM)	1.0000 0.0
			PHIE
0.0 1.0000		.10000 1000.0	1.0000 0.0

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT

```
KCDN 1.00000                           KEXP 1.00000
FRT  DISA                              KES  E4
UM33 8.99700                           GRSS GR
UM31 13.7700                           UM32 4.77900
UM22 4.77900                           UM23 8.99700
UF   .398000                           UM21 13.7700
RG32 2.64400                           RG33 2.87700
RG23 2.87700                           RG31 2.71000
RG21 2.71000                           RG22 2.64400
SIS  NONE                              LDTA ABSE
MMLA ABSE                              SDGC DGCN
DLLM .350000                           GULM 999.001   GAPI
MDET NEIT                              NLIM .0100000
FRTC NONE                              LSWD DISA
GDCL 0.0        G/C3                   GDSH 2.90000   G/C3
TPFM 7.20000    NS/M                   DRUL 999.001   G/C3
TPM2 7.20000    NS/M                   TPM3 8.70000   NS/M
FESX DISA                              TPM1 9.00000   NS/M
POUT SAND                              FEPT NONE
RWD  .500000    OHMM                   FCAL PRES
MPSH .500000                           RWF  .240000   OHMM
SPSH -30.0000   MV                     NPCL 0.0
GRSH 200.000    GAPI                   SPCL -85.0000  MV
PMAX .500000                           GRCL 0.0       GAPI
SINP SP                                NGSI NEIT
SONI PRES                              RX0F ABSE
RTLF DISA                              BHT  100.000   DEGF
MATR SAND                              MC   CALI
MDEN 2.65000    G/C3                   FD   1.00000   G/C3
CDTS 100.000                           WMUD 11.6000   LB/G
DTF  189.000    US/F                   DTM  56.0000   US/F
BS   8.75000    IN                     DHS  OPEN
DO   0.0        F                      DO2  0.0       F
PP   NORM

                          TAPE NOT MADE
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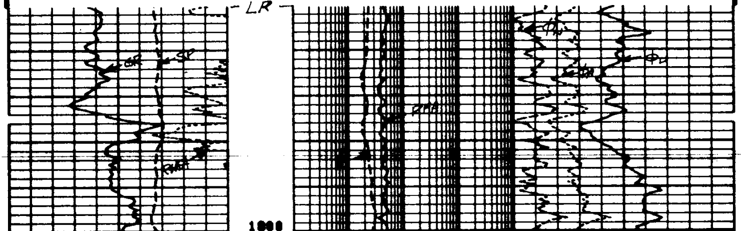
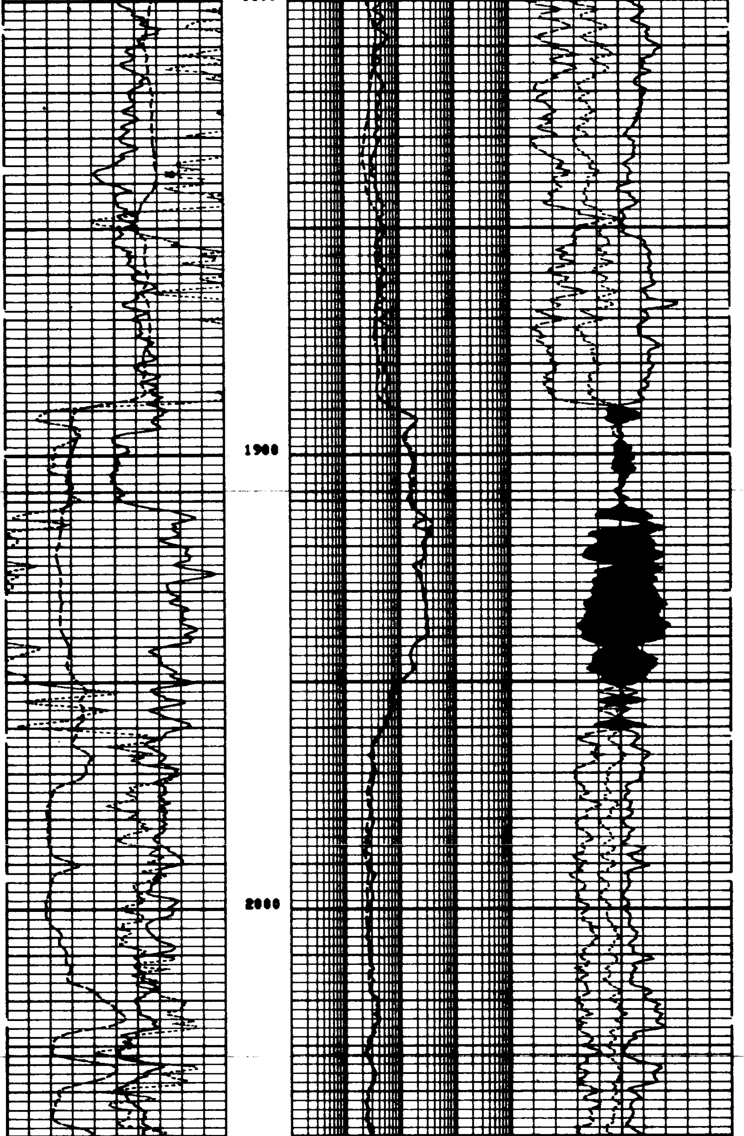
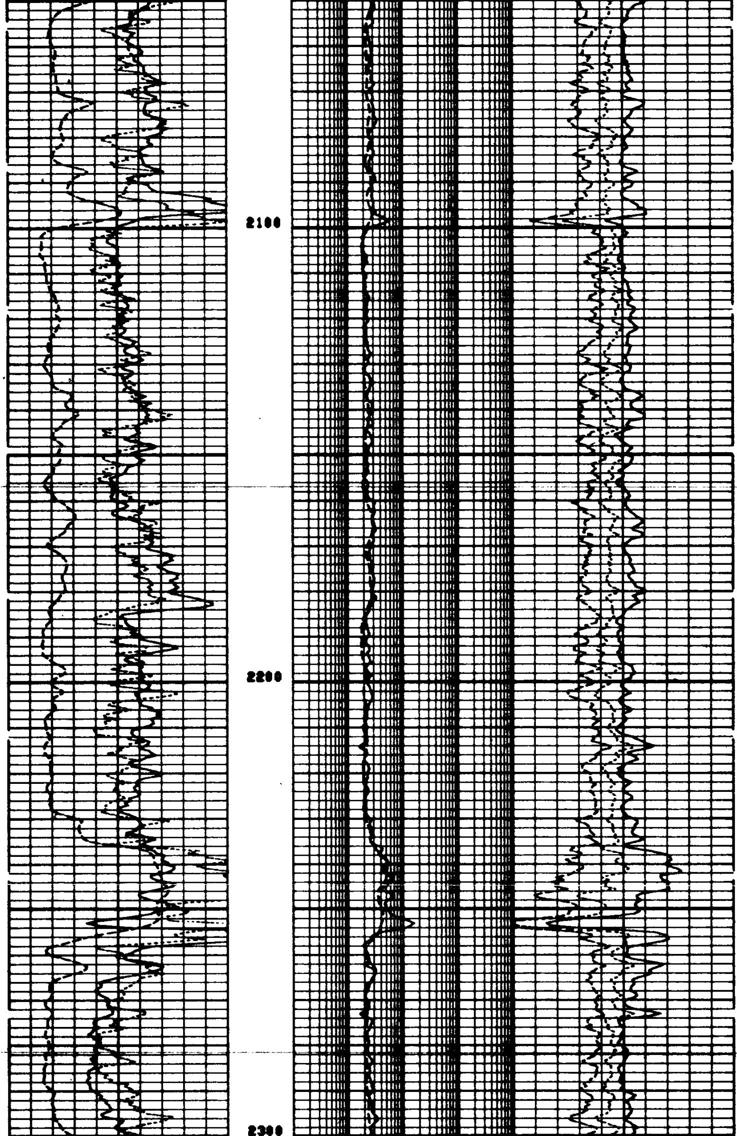
RHGA(G/C3)		RFA (OHMM)	PHIA
2.5000 3.0000			.60000 0.0
SP (MV)		RFA (OHMM)	DPHI
-100.0 0.0		.01000 100.00	.60000 0.0
GR (GAPI)		RT (OHMM)	NPHI
0.0 150.00		.10000 1000.0	.60000 0.0

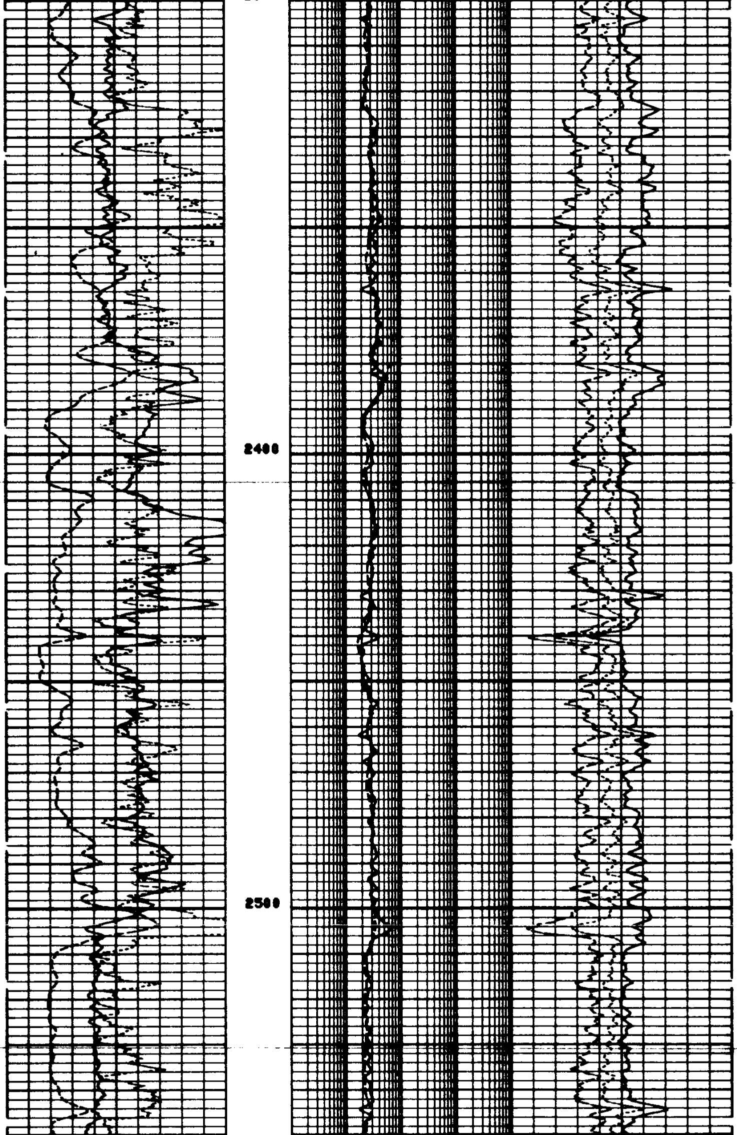
PASS 1

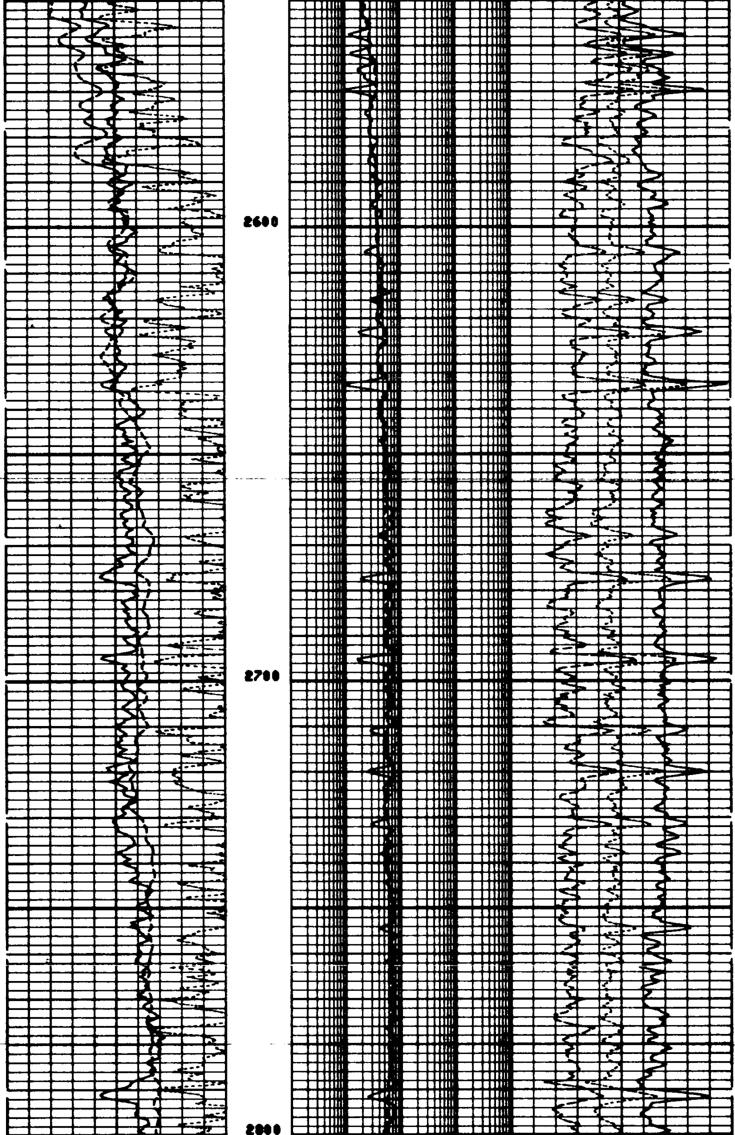
FILE 104 07-FEB-85 02:37
DATA ACQUIRED 07-FEB-85 01:40

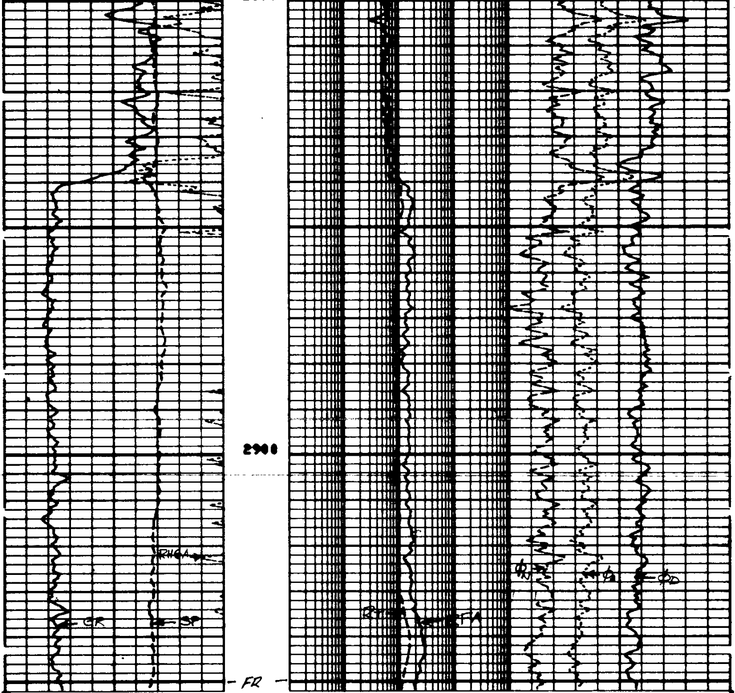












FILE 4 07-FEB-85 02:33
DATA ACQUIRED 07-FEB-85 01:01

RHGA(G/C3)				PHIA	
2.5000	3.0000			.60000	0.0
SP (MV)		RFA (OHMM)		DPHI	
-100.0	0.0	.01000	100.00	.60000	0.0
GR (GAPI)		RT (OHMM)		MPHI	
0.0	150.00	.10000	1000.0	.60000	0.0

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
KCON	1.00000		KEXP	1.00000	
FRT	DISA		KES	E4	
UM33	8.99700		GRSS	GR	
UM31	13.7700		UM32	4.77900	
UM22	4.77900		UM23	8.99700	
UF	.390000		UM21	13.7700	
RG32	2.64400		RG33	2.87700	
RG23	2.87700		RG31	2.71000	
RG21	2.71000		RG22	2.64400	
SIS	NONE		LDTA	ABSE	
NMLA	ABSE		SDGC	DGCM	
DLLM	.350000		GULM	999.001	GAPI
MDET	NEIT		NLIM	.0100000	

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FRTC NONE                       LSWD DISA
GDCL 0.0       G/C3             GDSH 2.90000    G/C3
TPFM 7.20000   NS/M             DRUL 999.001    G/C3
TPM2 7.20000   NS/M             TPM3 8.70000    NS/M
FESX DISA                       TPM1 9.00000    NS/M
POUT SAND                       FEPT NONE
RWD  1.20000   OHMM             FCAL PRES
NPSH .500000                    RWF  .210000    OHMM
SPSH -20.0000  MV               NPCL 0.0
GRSH 200.000   GAPI             SPCL -90.0000   MV
PMAX .500000                    GRCL 0.0        GAPI
SINP SP                         MGSI NEIT
SONI PRES                       RXOF ABSE
RTLF DISA                       BHT  100.000    DEGF
MATR SAND                       HC   CALI
MDEN 2.65000   G/C3             FD   1.00000    G/C3
CDTS 100.000                    WMUD 11.6000    LB/G
DTF  189.000   US/F             DTM  56.0000    US/F
BS   8.75000   IN               BHS  OPEN
DO   0.0       F                DO2  0.0        F
PP   NORM

                     TAPE NOT MADE
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