Schlumberger

FDC-CNL-GR 2" & 5"

CSU Field Log

COMPANY: FLORIDA EXPLORATION CO.

WELL: ~~HARRIS 1-4~~ Well 01-04

FIELD: WILDCAT
COUNTY: DOUGLAS
STATE: OREGON
NATION: USA
LOCATION: 445 W & 140 S FR NE COR

SEC: 4 TWP: 21S RGE: 6W

PERMANENT DATUM: GL
ELEV. OF PERM. DATUM: 776.0'
LOG MEASURED FROM: KB
22.0' ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 798.0'
DF:
GL: 776.0'

DATE: 25 MAY 82
RUN NO: 1

DEPTH-DRILLER: 3002.0'
DEPTH-LOGGER: 3000.0'
BTM. LOG INTERVAL: 2999.0'
TOP LOG INTERVAL: 992.0'

CASING-DRILLER: 990'
CASING-LOGGER: 992'
CASING: 13.875

BIT SIZE: 12.25

OTHER SERVICES-
DIL
BHC
HDT
CST

API SERIAL NO: 36-019-000

PROGRAM TAPE NO: 20.2
SERVICE ORDER NO: 205959

TYPE FLUID IN HOLE: LIGNOSULFONATE
DENSITY: 16.0 LB/G
VISCOSITY: 42.0 S
PH: 10.5
FLUID LOSS: 5.6 C3
SOURCE OF SAMPLE: FLOWLINE
RM: 0.633 OHMM AT 106. DF
RMF: 0.466 OHMM AT 67.0 DF
RMC: 2.100 OHMM AT 69.0 DF
SOURCE RMF/RMC: MEASURED/MEASURED
RM AT BHT: 0.525 OHM AT 129. DF
RMF AT BHT: 0.253 OHM AT 129. DF
RMC AT BHT: 1.173 OHM AT 129. DF

TIME CIRC. STOPPED: 0800
TIME LOGGER ON BTM.: 1930

MAX. REC. TEMP:

LOGGING UNIT NO:
LOGGING UNIT LOC: SACRAMENTO
RECORDED BY: MAYER
WITNESSED BY: HOHLT/NEWTON

REMARKS:

EQUIPMENT NUMBERS-

PGS 426   PDH 79   GSR 5242   CNC 1420
SGC 2087   NLM 443

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

103

DRHO(G/C3)
-0.250   0.2500

CALI(IN)
10.00   20.00

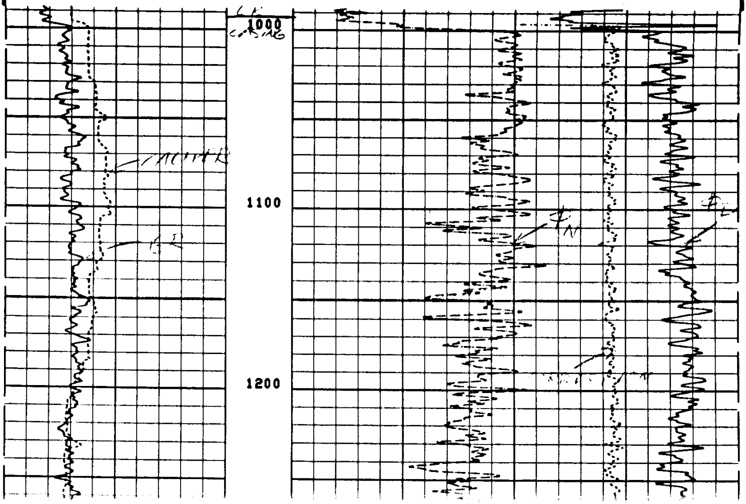
DPHI( )
0.6000   0.0

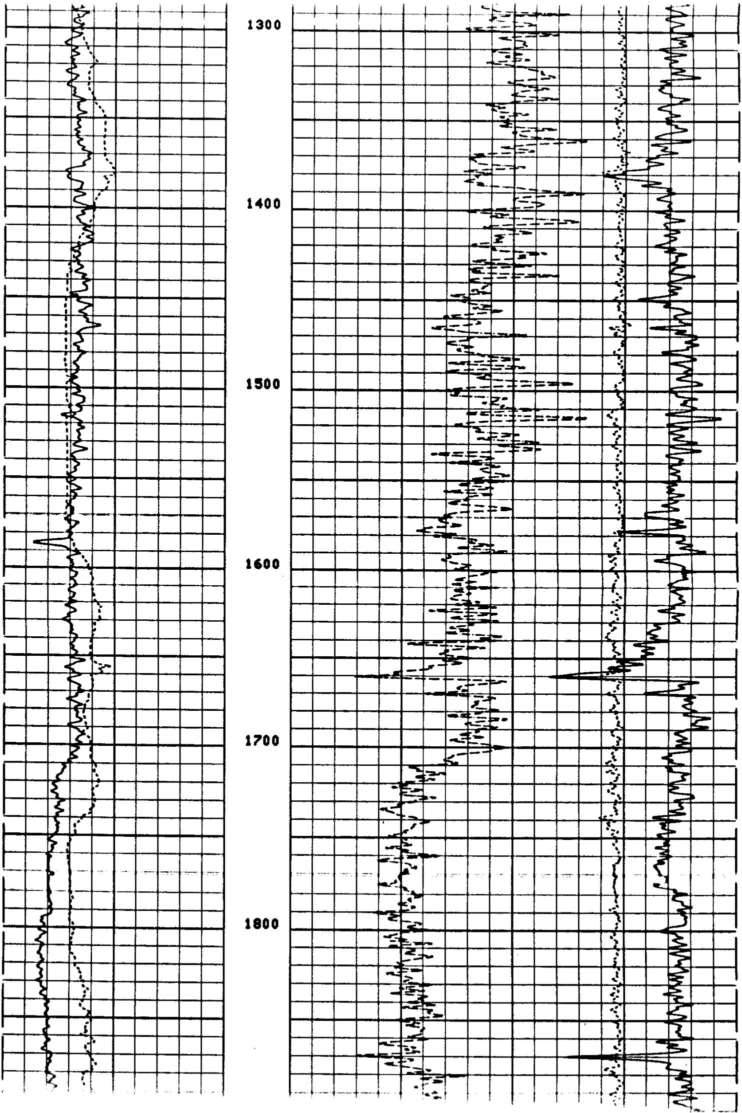
GR (GAPI)
0.0   150.0

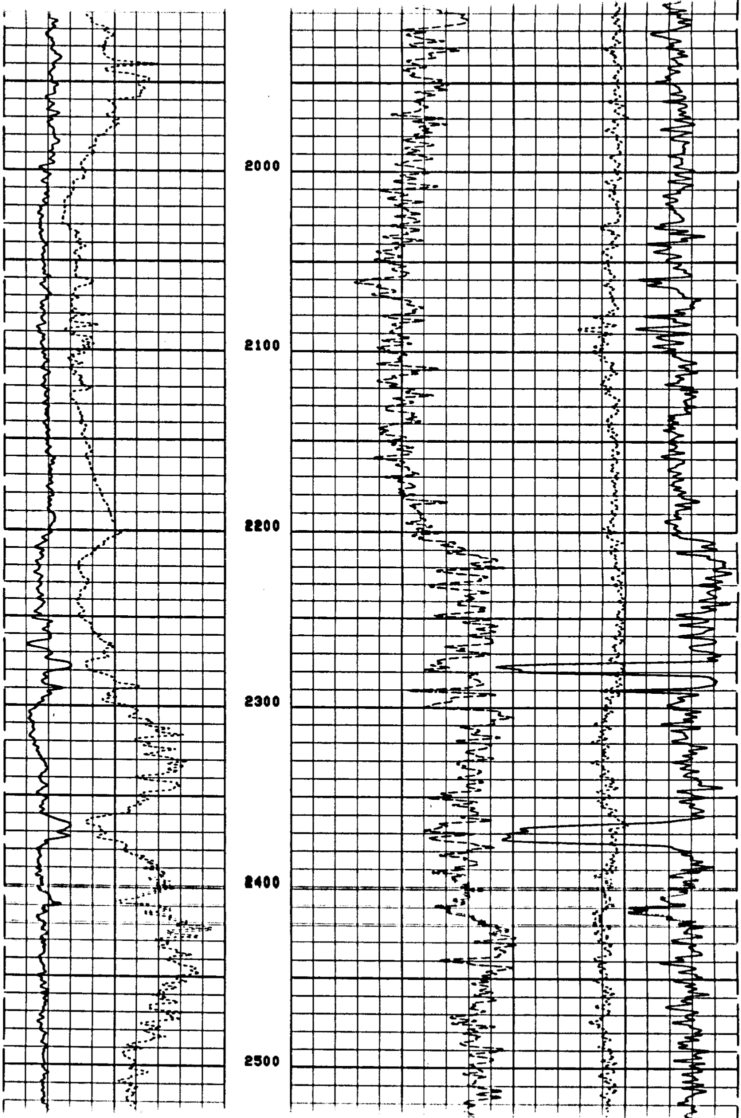
NPHI( )
0.6000   0.0

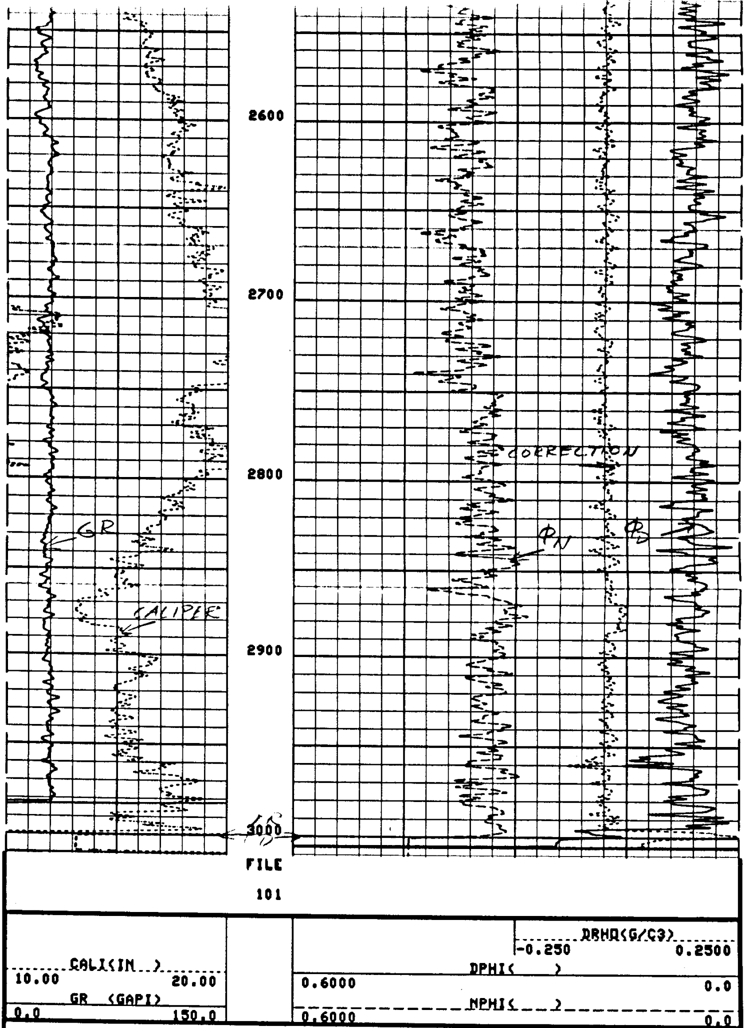
FILE

101









SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	17.8	FEET	GR	26.3	FEET
FFDC	3.0	FEET	FCNL	17.8	FEET
CALI	3.0	FEET	NFDC	3.0	FEET
NRAT	17.8	FEET	TENS	.0	FEET

PARAMETERS

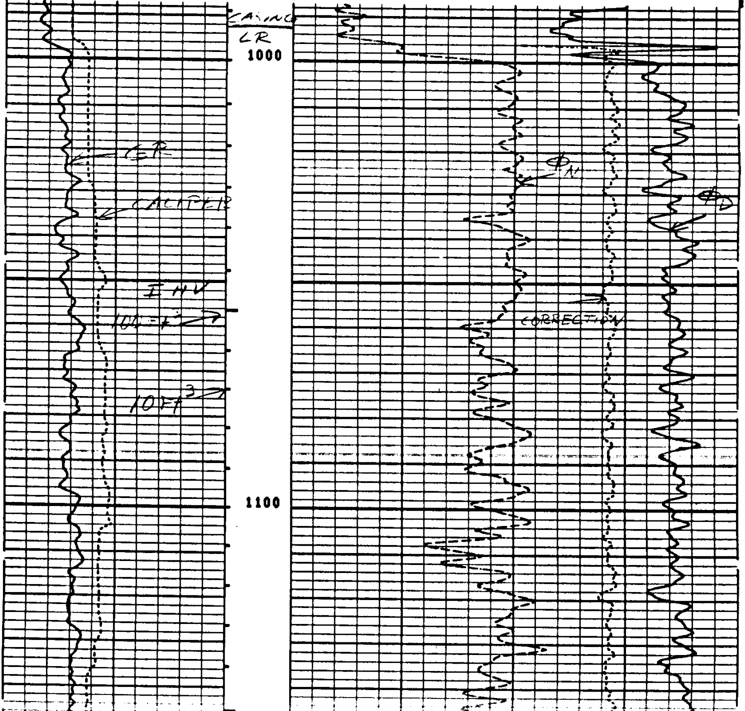
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.151		BS	12.25	IN
MATR	SAND		HC	CALI	
MDEN	2.650	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
DO	0.0		BHS	OPEN	

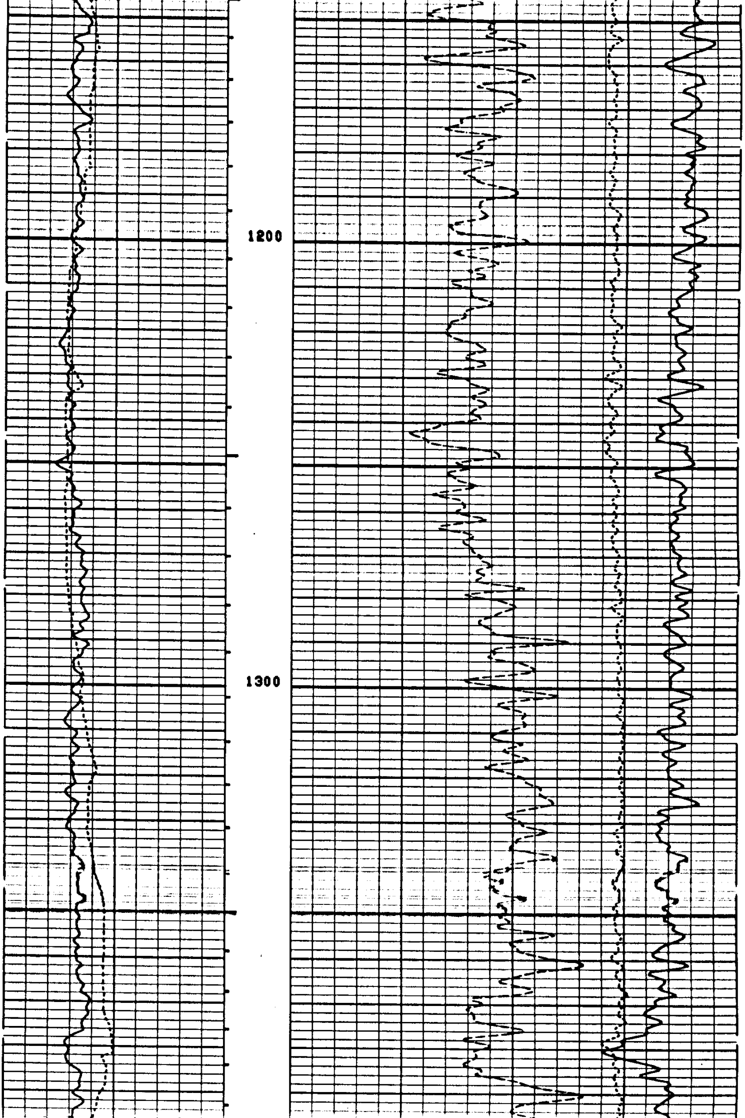
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 150.0

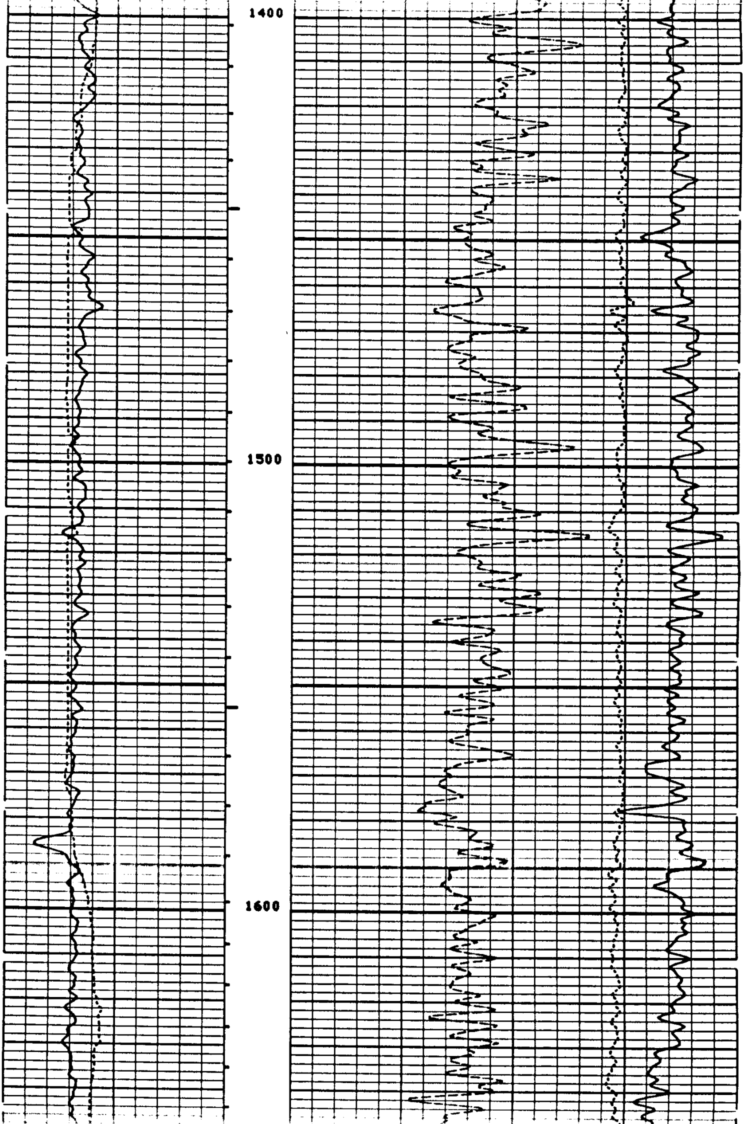
DRHO(G/C3)
-0.250 0.2500
DPHI( )
0.6000 0.0
NPHI( )
0.6000 0.0

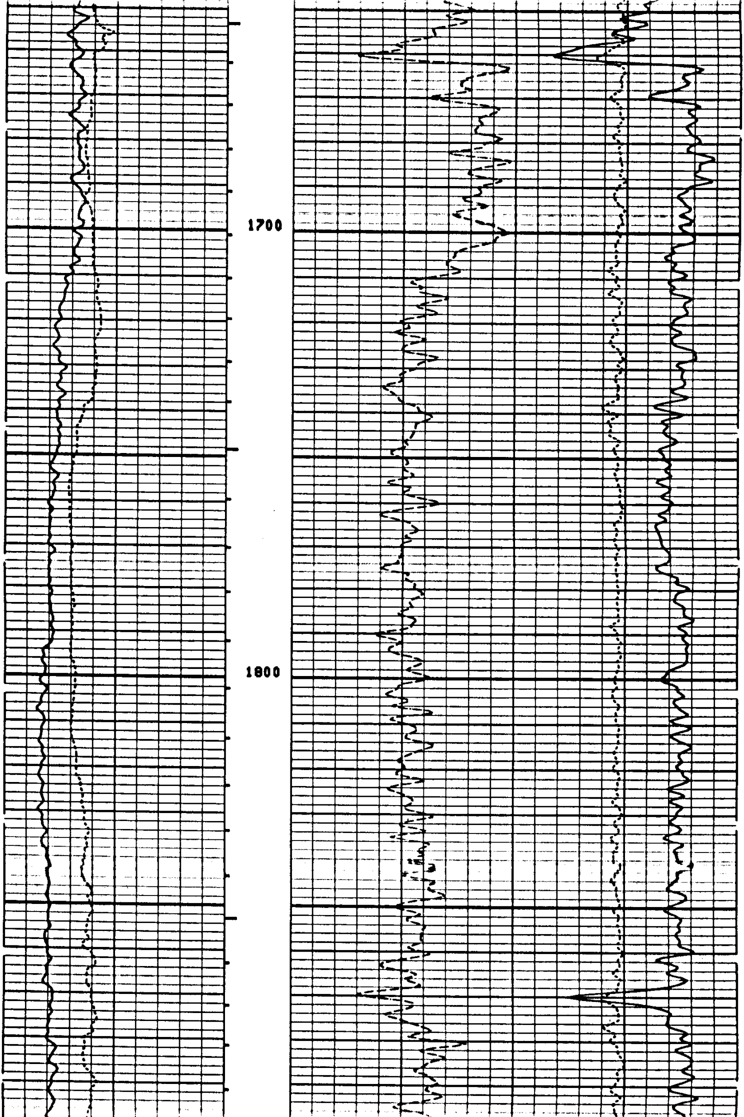
FILE

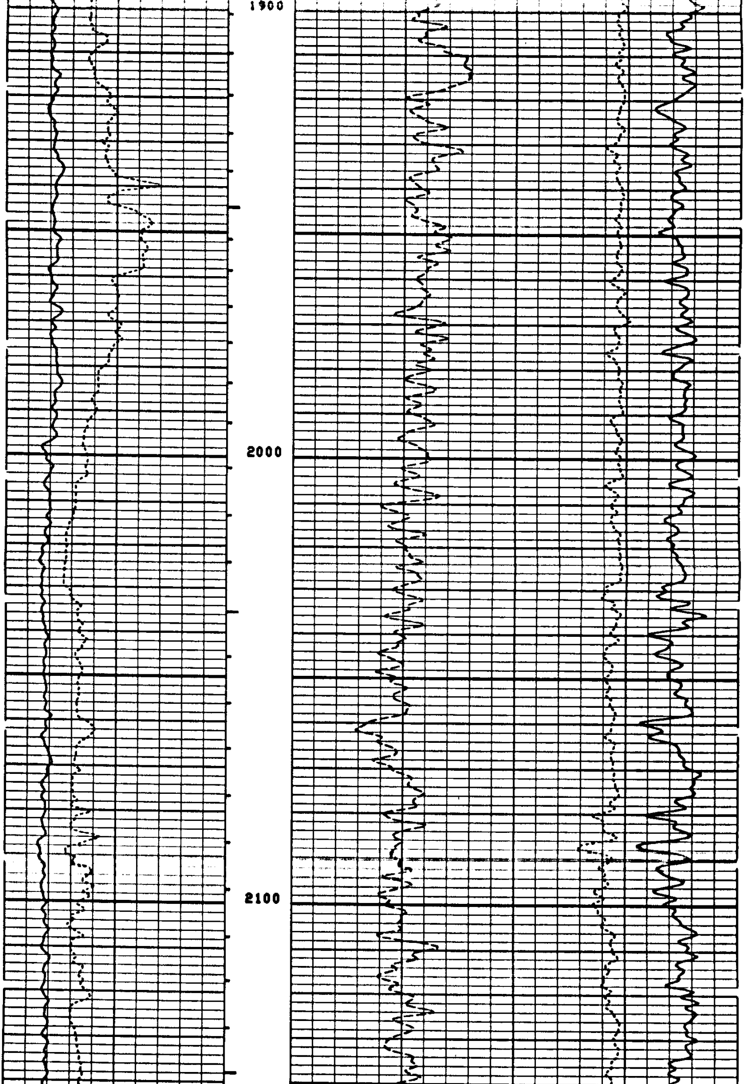
101

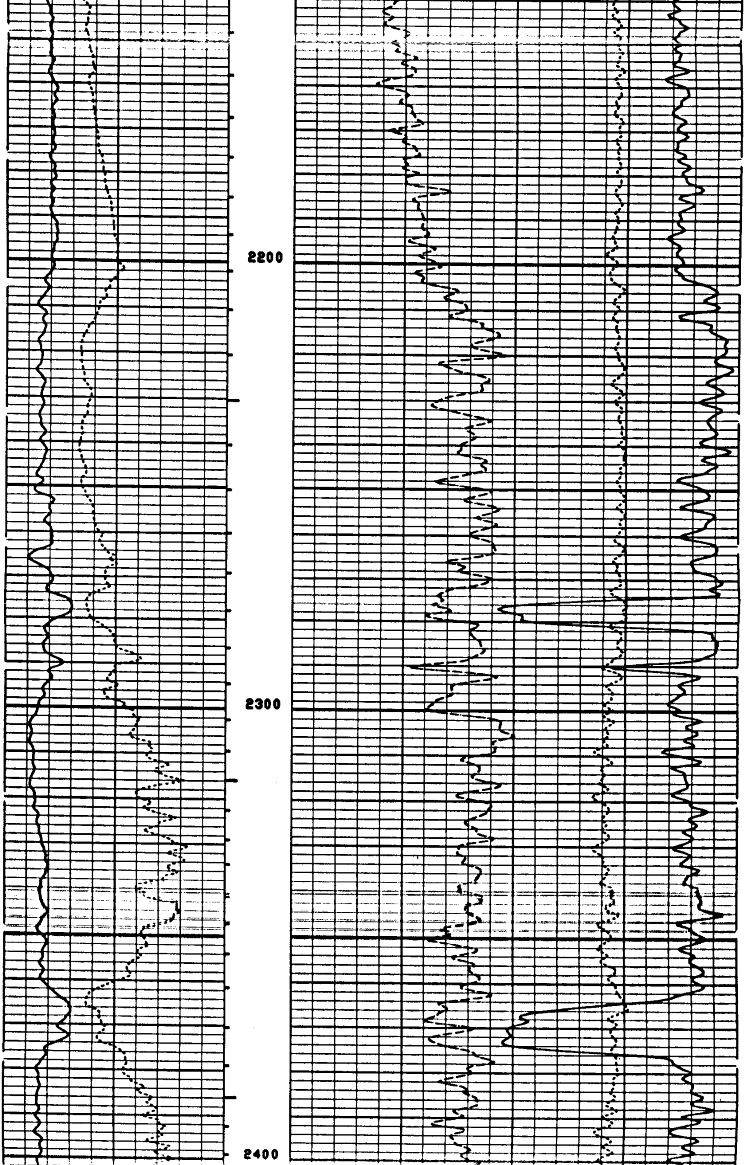


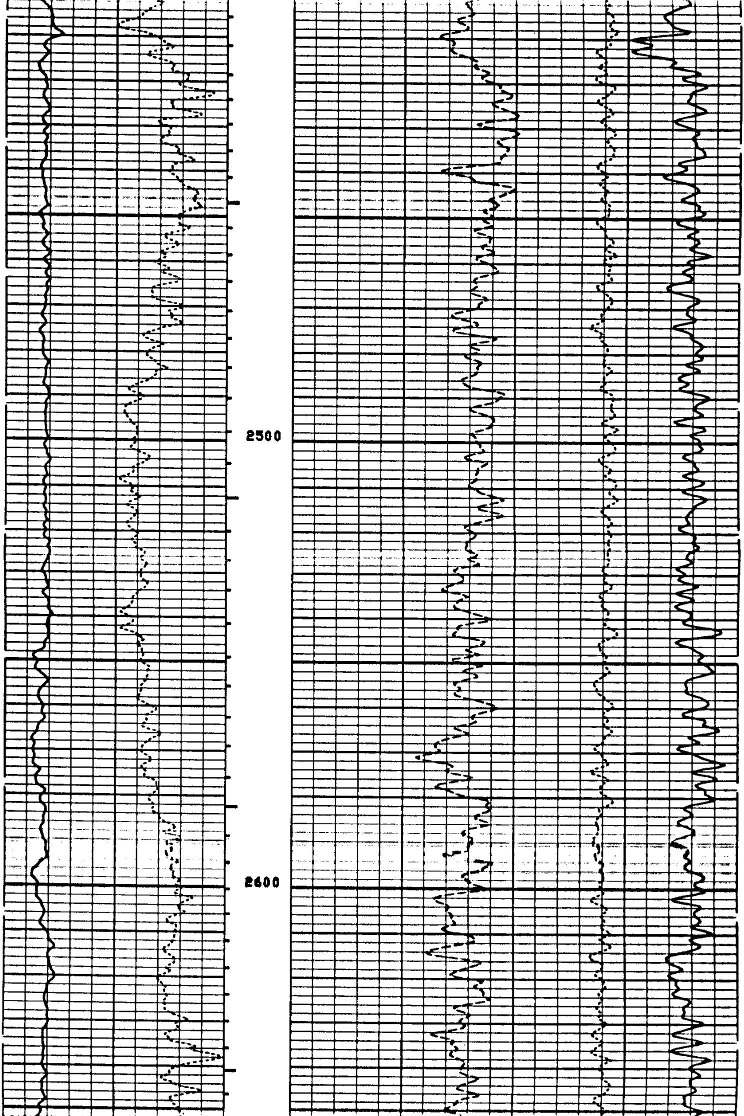


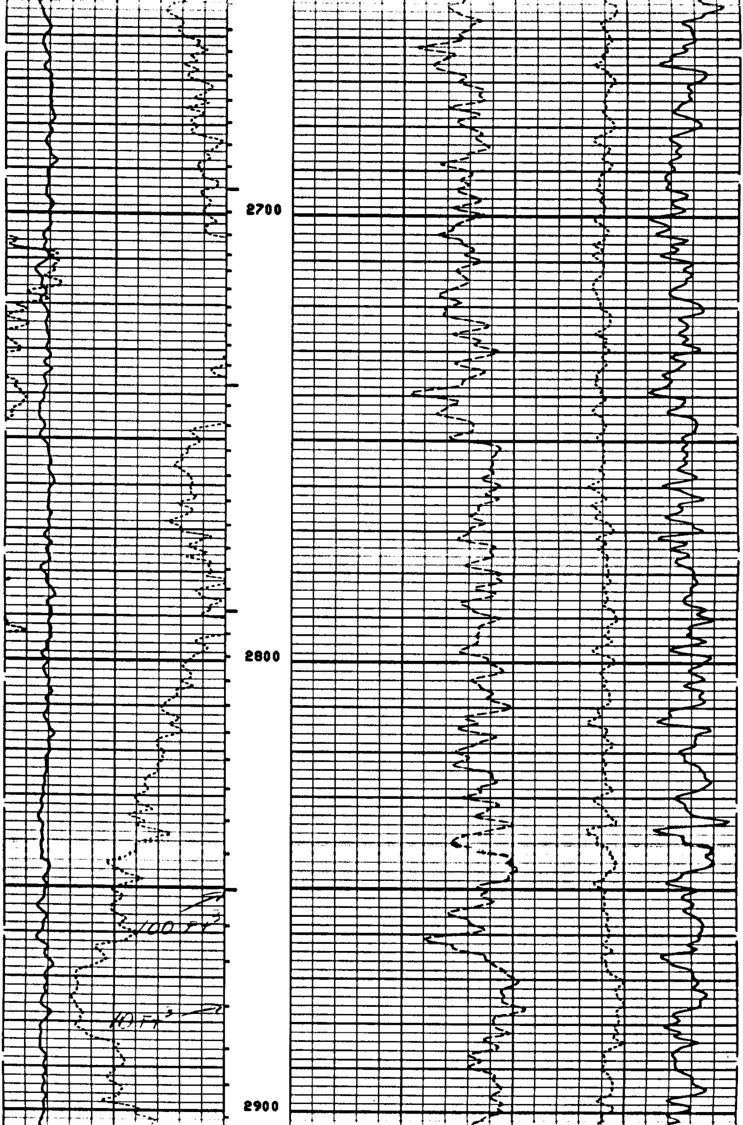


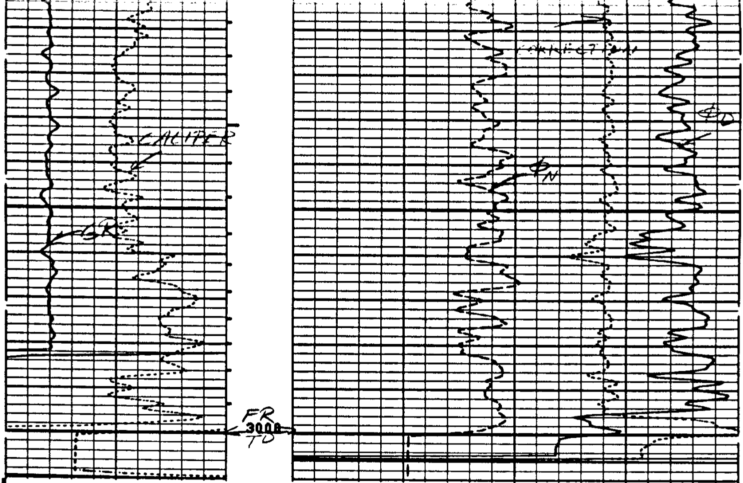












FILE

101

CALI(IN) 10.00 – 20.00		DRHO(G/C3) -0.250 – 0.2500
GR (GAPI) 0.0 – 150.0		DPHI( ) 0.6000 – 0.0
		NPHI( ) 0.6000 – 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	17.8	FEET	GR	26.3	FEET
FFDC	3.0	FEET	FCNL	17.8	FEET
CALI	3.0	FEET	NFDC	3.0	FEET
NRAT	17.8	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.151		BS	12.25	IN
MATR	SAND		HC	CALI	
MDEN	2.650	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
DO	9.000		BHS	OPEN	

CALI(IN)

10.00 20.00

GR (GAPI)

0.0 150.0

DRHO(G/C3)

-0.250 0.2500

DPHI( )

0.6000 0.0

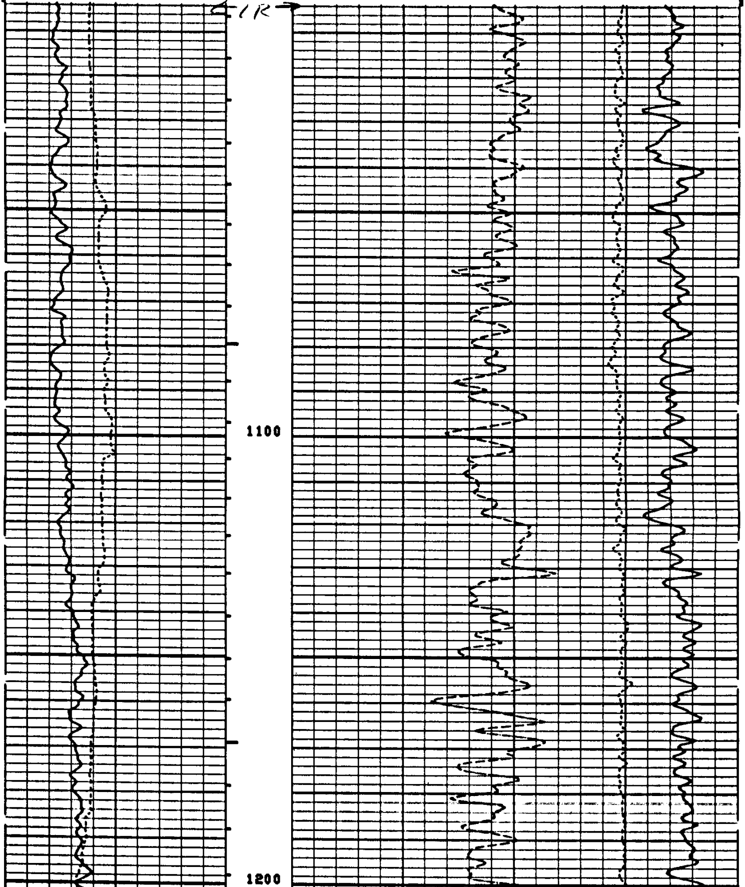
NPHI( )

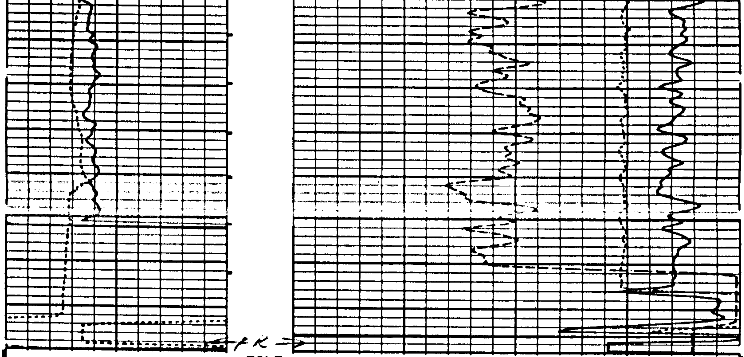
0.6000 0.0

↓ REPEAT SECTION ↓

FILE

102





FILE

102

CALI(IN)
10.00 20.00

GR (GAPI)
0.0 150.0

DRHO(G/C3)
-0.250 0.2500

DPHI( )
0.6000 0.0

NPHI( )
0.6000 0.0

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	17.8	FEET	GR	26.3	FEET
FFDC	3.0	FEET	FCNL	17.8	FEET
CALI	3.0	FEET	NFDC	3.0	FEET
NRAT	17.8	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.151		BS	12.25	IN
MATR	SAND		HC	CALI	
MDEN	2.650	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
DO	9.000		BHS	OPEN	

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 82/05/25
PROGRAM FILE: ISN (VERSION 20.2 81/ 1/30)

DITD ELECTRONICS CALIBRATION SUMMARY

	MEASURED		CALIBRATED		
	ZERO	PLUS	ZERO	PLUS	UNITS
ILD	1.0	531.2	0.0	499.8	MMHO
ILM	-0.1	508.1	0.0	495.2	MMHO
SFL	-0.5	505.0	0.0	500.0	MMHO

ILD SONDE ERROR CORRECTION : 6.6 MMHO
ILM SONDE ERROR CORRECTION : 0.3 MMHO

MCDB CALIPER CALIBRATION SUMMARY

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                MEASURED                        CALIBRATED
             SMALL   LARGE                     SMALL      LARGE        UNITS
     CALI     7.6     11.6                      8.0        12.0          IN
                         FILE


             AFTER SURVEY TOOL CHECK SUMMARY


     PERFORMED:      82/05/25
     PROGRAM FILE: ISN    (VERSION    20.2    81/ 1/30)

   CNTA                        TOOL  CHECK

                             JIG
                  BEFORE          AFTER
     NRAT         2.173           2.163

     POROSITY CHANGE  (LIME): -0.000

   PGTE                        TOOL  CHECK

                             JIG
                  BEFORE          AFTER      UNITS
     FFDC          359             365        CPS
     NFDC          655             653        CPS
                             FILE

                               9


              SHOP SUMMARY


     PERFORMED:      82/05/04
     PROGRAM FILE: SHOP   (VERSION    20.2    81/ 1/30)

   PGTE                  DETECTOR CALIBRATION SUMMARY

                BLOCK                          JIG
         MEASURED   CALIBRATED    MEASURED   CALIBRATED     UNITS

     FFDC   370          337          370          336         CPS
     NFDC   676          528          542          423         CPS

           (PGS:426  , PDH:079  , GSR:5242 , SFT  :1171 )

              SHOP SUMMARY


     PERFORMED:      82/04/20
     PROGRAM FILE: SHOP   (VERSION    20.2    81/ 1/30)

   CNTA                  DETECTOR CALIBRATION SUMMARY

                TANK                           JIG
         MEASURED  CALIBRATED     MEASURED   CALIBRATED

     NRAT   2.151        2.158        2.150        2.156

                       (CNC:1420 , CNB:1446 )
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