PERMIT # 1063

P#1063

Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON-FORMATION DENSITY

COUNTY
FIELD
LOCATION
WELL
COMPANY

COMPANY HUGHES & HUGHES
021-86
WELL OLEUM CORP 20-3
FIELD WILDCAT
COUNTY COLLIER STATE FLORIDA

LOCATION 2287.9' FWL & 1440.8' FSL
Other Services: DIL-GR

API SERIAL NO.	SEC.	TWP.	RANGE
	20	50S	33E

Permanent Datum: GL ; Elev. NA
Log Measured From RKB 21.5 Ft. Above Perm. Datum
Drilling Measured From RKB

Elev.: K.B. NA
D.F. NA
G.L. NA

Date	6-7-82			
Run No.	TWO			
Depth—Driller	3817			
Depth—Logger	3592			
Btm. Log Interval	3561			
Top Log Interval	1570			
Casing—Driller	13⅜@1570	@	@	@
Casing—Logger	1570			
Bit Size	12¼			
Type Fluid in Hole	WATER			
Dens. | Visc.	— | —			
pH | Fluid Loss	— | — ml	ml	ml	ml
Source of Sample	TANK			
Rm @ Meas. Temp.	.69 @ 81 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	— @ — °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	— | —			
Rm @ BHT	.67 @ 84 °F	@ °F	@ °F	@ °F
TIME Circulation Stopped	0400			
TIME Logger on Bottom	0700			
Max. Rec. Temp.	84 °F	°F	°F	°F
Equip. | Location	8004 | FT MYERS			
Recorded By	BUCHEL			
Witnessed By	BALLARD			

FLORIDA GEOLOGICAL SURVEY
2293 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

RUN NO.	TWO				
Service Order No.	242428				
Fluid Level	FULL				
Salinity, PPM CL.	NA				
Speed - F.P.M.	30				
EQUIPMENT DATA					
Dens. Panel	33				
Dens. Cart.	1068				
Dens. Skid.	1201				
Dens. Sonde	83				
Dens. Source	3345				
Dens. Calibrator	2196				
Neut. Panel	33				
Neut. Cart.	652				
Neut. Source	A0501				
Neut. Calibrator	301				
GR Cart.	1282				
Memorizer Panel	CSU				
Tape Recorder (TTR)	MTU				
Depth Encoder (DRE)	IDW				
Pressure Wheel (CPW)	IDW				
Centralizers: Enter Spring, Standoffs, In-line, or None — Type	NONE				
Centralizers — No.	—				
Centralizers — S. O. — Inches	—				
CALIBRATION DATA					
GR — BKG. CPS					
GR — Source CPS	SEE				
GR — Sens. - Cal	CSU				
GR — T. C. - Cal					
CNL — Short Spacing - Before Log					
CNL — Long Spacing - Before Log					
CNL — Short Spacing - After Log					
CNL — Long Spacing - After Log					
FDC — P1 — Before Log					
FDC — P2 — Before Log					
FDC — P1 — After Log					
FDC — P2 — After Log					

Type Log	Depth			

REMARKS:

LOGGING DATA

DEPTH		CNP			FDC				GR			
Top	Bottom	Porosity Scale	Matrix	Auto Corr. or Hole Size Setting	Porosity Scale	Grain Density	Liquid Density	Hole Fluid	Sens. Logged	T. C.	Zero. Div. Left	Scale Per 100 Div.
1570	3561	45,-15	LIME	AUTO	45-15	2.71	1.00	WAT	165	DL-1	0	100

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.

CALIPER DIAM. IN INCHES
10 20

GAMMA RAY API UNITS
0 100

DEPTH

POROSITY INDEX % LIME MATRIX
COMPENSATED FORMATION DENSITY POROSITY
45 30 15 0 -15

COMPENSATED NEUTRON POROSITY
45 30 15 0 -15

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                AFTER SURVEY TOOL CHECK SUMMARY

  PERFORMED:      82/06/07
  PROGRAM FILE: ISN  . (VERSION    20.2    81/ 1/30)

DITD                        TOOL  CHECK

                     ZERO                        PLUS
               BEFORE      AFTER         BEFORE      AFTER     UNITS
   ILD           0.0        -0.0          499.8      496.8     MMHO
   ILM           0.0        -0.0          500.0      495.9     MMHO
   SFL           0.0         0.3          500.0      497.9     MMHO

ILD  SONDE ERROR CORRECTION :            5.3   MMHO
ILM  SONDE ERROR CORRECTION :            6.6   MMHO

CNTA                        TOOL  CHECK

                          JIG
                  BEFORE        AFTER
  NRAT            2.160         2.158

  POROSITY CHANGE  (LIME):   0.000

PGTK                        TOOL  CHECK

                          JIG
                  BEFORE        AFTER       UNITS
  FFDC             283           284         CPS
  NFDC             124           124         CPS
                        FILE

                          9
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      BS  (IN  )                                              DRHO(G/C3)
10.00               20.00                          -0.250                0.2500
      CALI(IN  )                                   DPHI(    )
10.00               20.00      0.4500                                   -0.150
      GR  (GAPI)                                   NPHI(    )
0.0                 100.0      0.4500                                   -0.150

                        FILE

                          6
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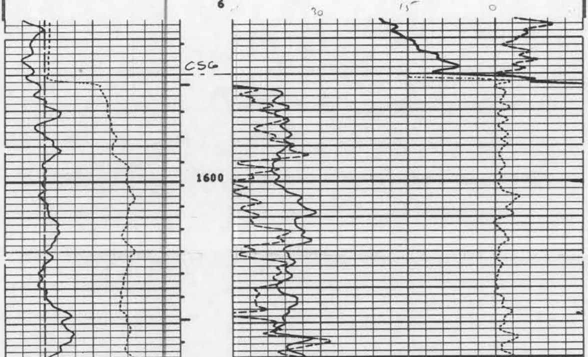
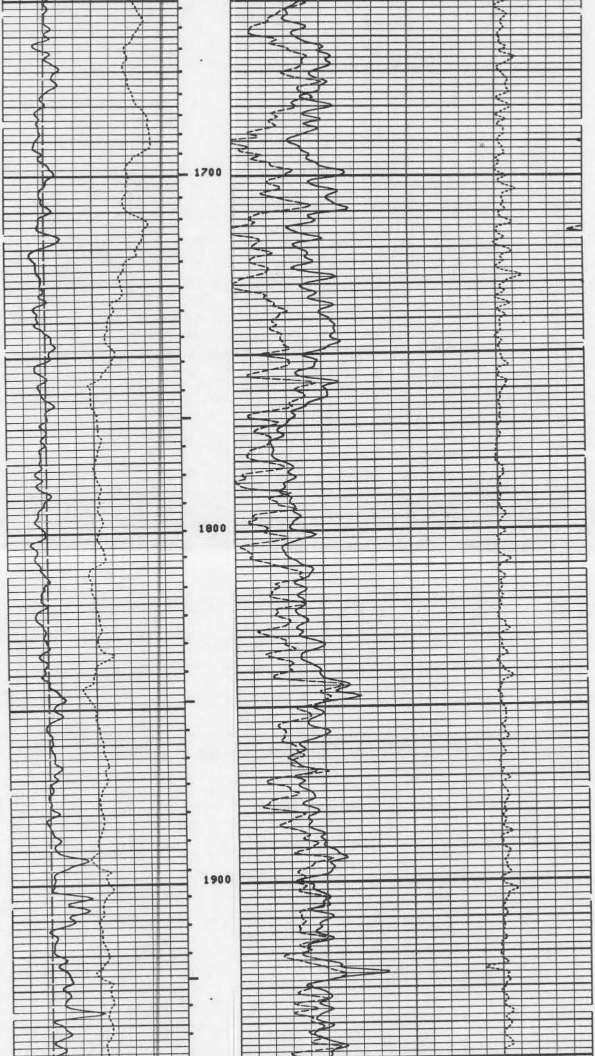
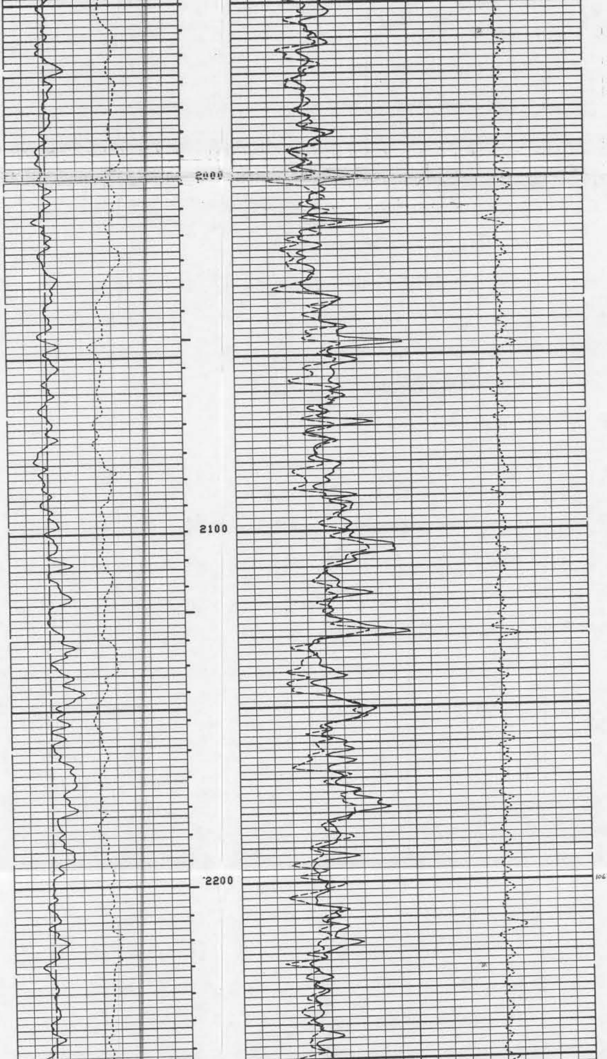
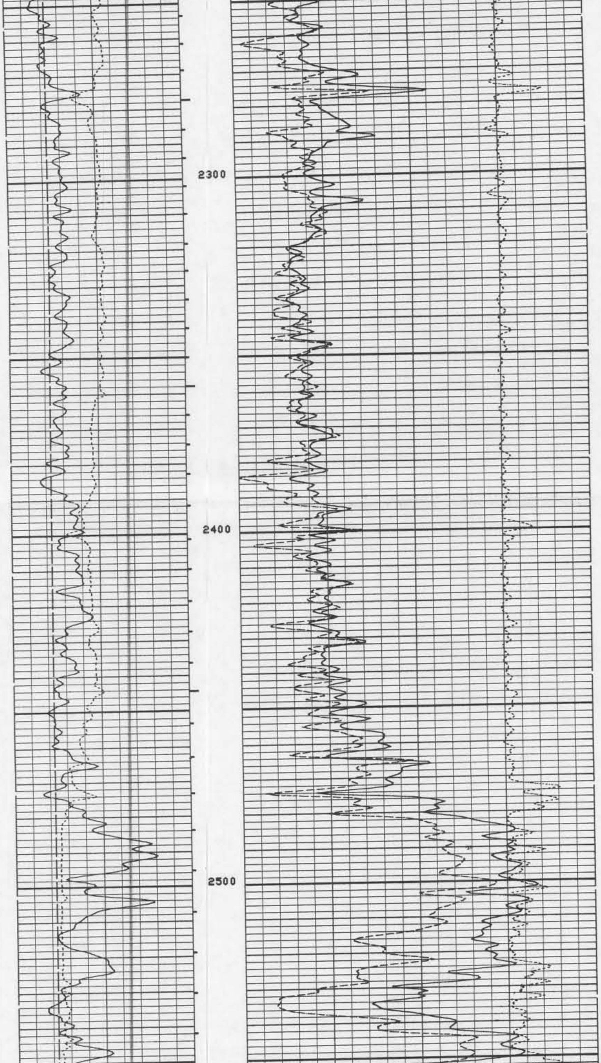
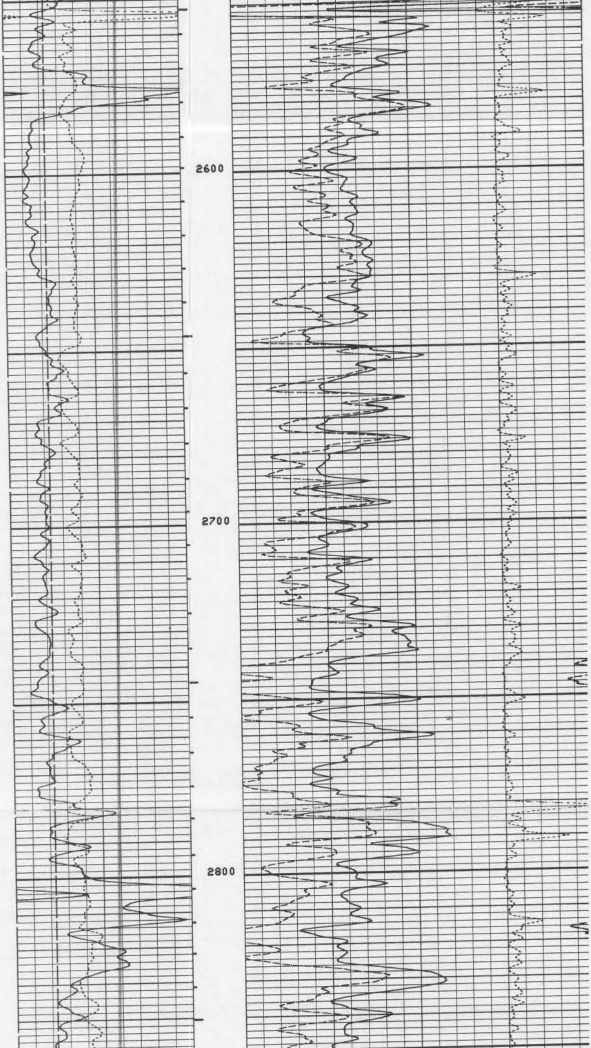
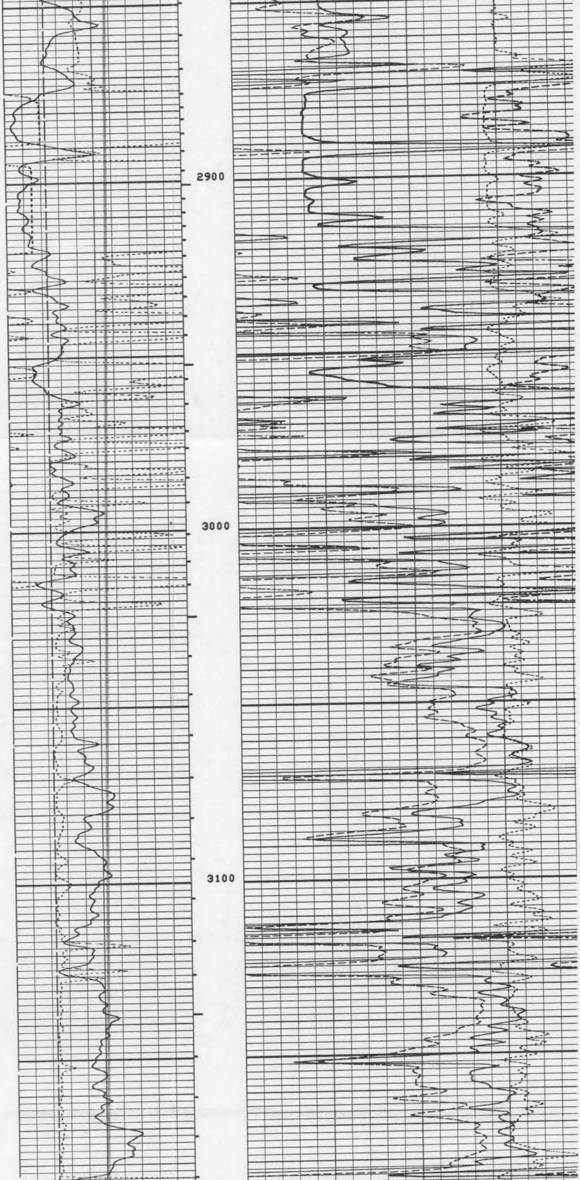


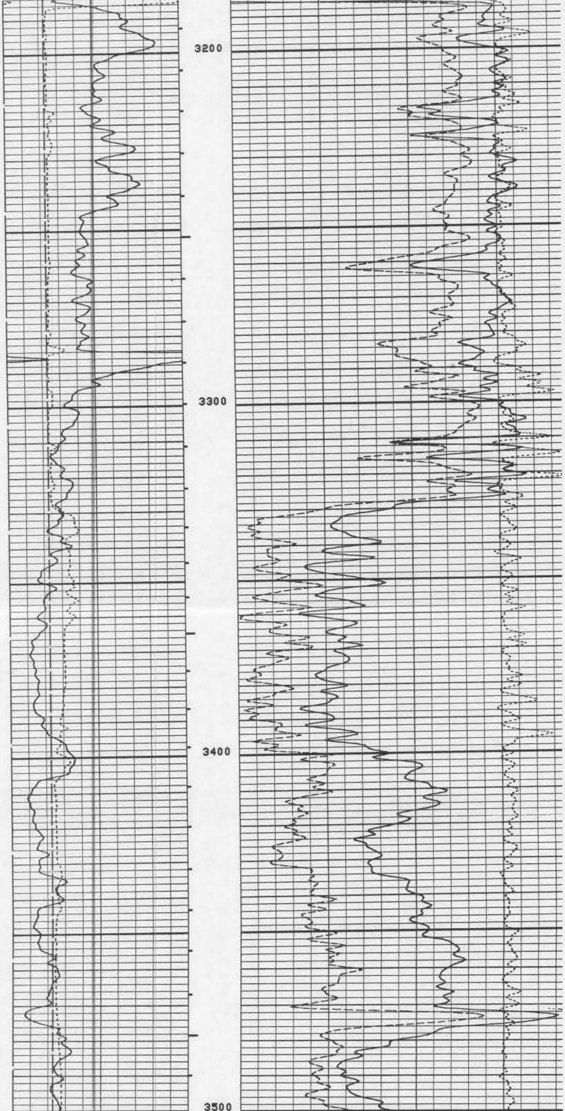


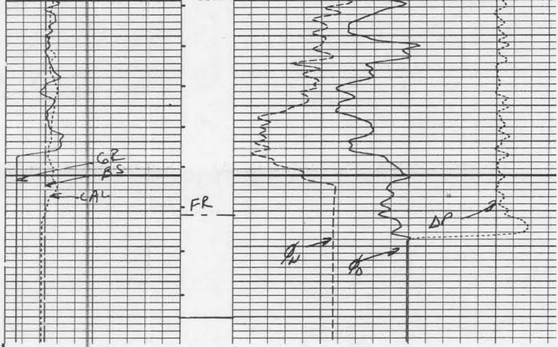












BS (IN)		DRHO(G/C3)	
10.00	20.00	-0.250	0.2
CALI(IN)		DPHI( )	
10.00	20.00	0.4500	-0.
GR (GAPI)		NPHI( )	
0.0	100.0	0.4500	-0.

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	44.4	FEET	GR	52.9	FEET
FFDC	29.1	FEET	FCNL	44.4	FEET
CALI	29.1	FEET	NFDC	29.1	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NRAT	44.4	FEET			

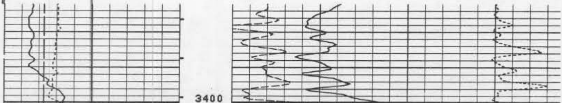
PARAMETERS

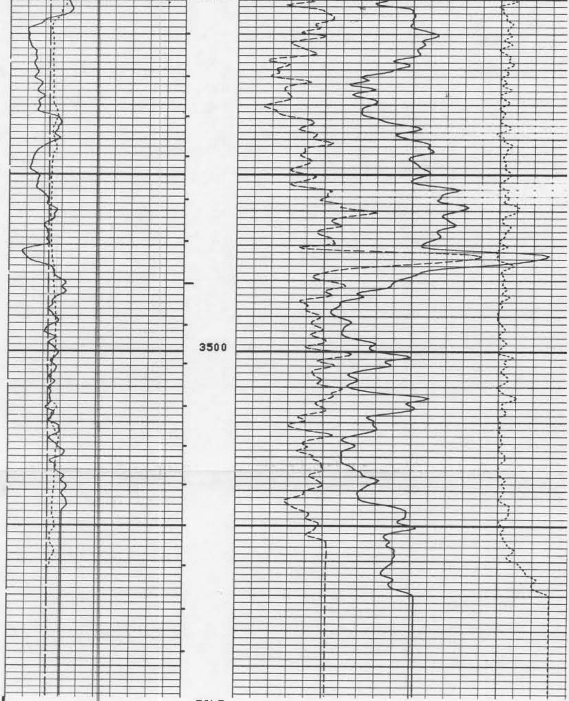
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.343		BS	12.25	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
SBR	1.000	OHMM	DSEC	5.300	MMHO
FPHI	PHIX		MSEC	6.600	MMHO
DO	0.0		BHS	OPEN	

BS (IN)		DRHO(G/C3)	
10.00	20.00	-0.250	0.2
CALI(IN)		DPHI( )	
10.00	20.00	0.4500	-0.
GR (GAPI)		NPHI( )	
0.0	100.0	0.4500	-0.

FILE

5





FILE

5

REPEAT

BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

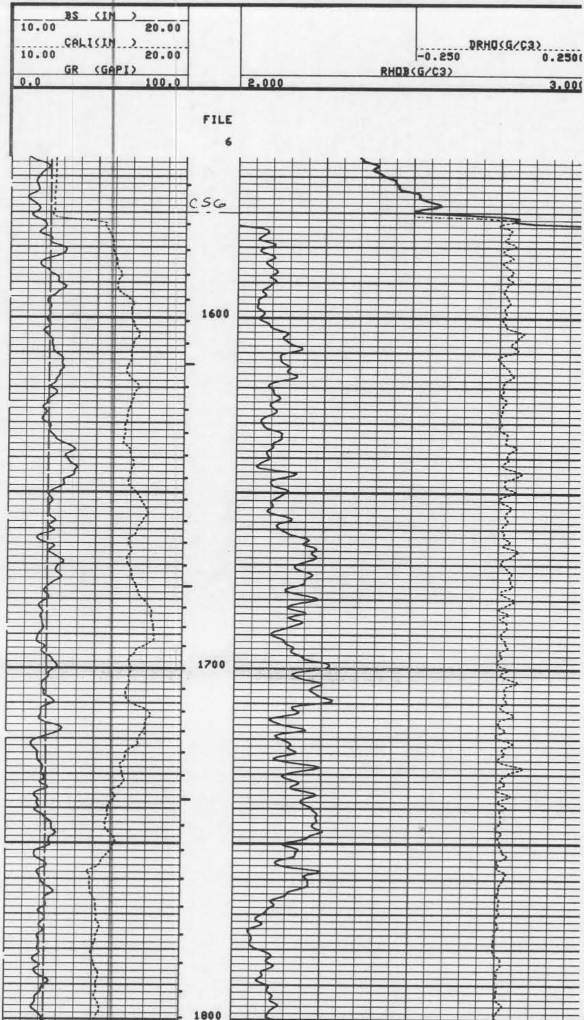
DRHO(G/C3)
-0.250 0.25
DPHI( )
0.4500 -0.1
NPHI( )
0.4500 -0.1

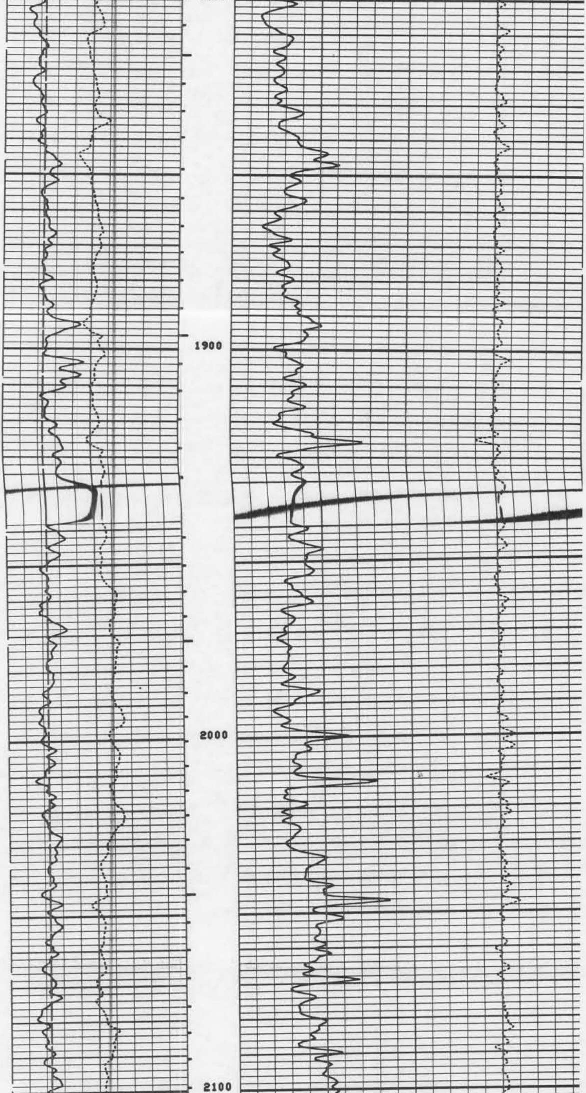
SENSOR MEASURE POINT TO TENSION REFERENCE POINT

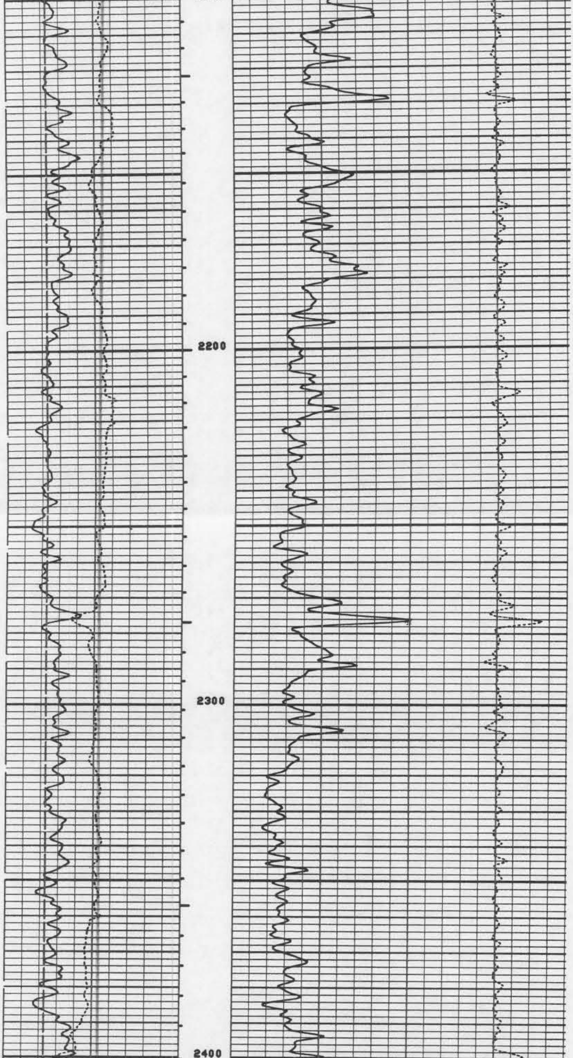
NCNL	44.4	FEET	GR	52.9	FEET
FFDC	29.1	FEET	FCNL	44.4	FEET
CALI	29.1	FEET	NFDC	29.1	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NRAT	44.4	FEET			

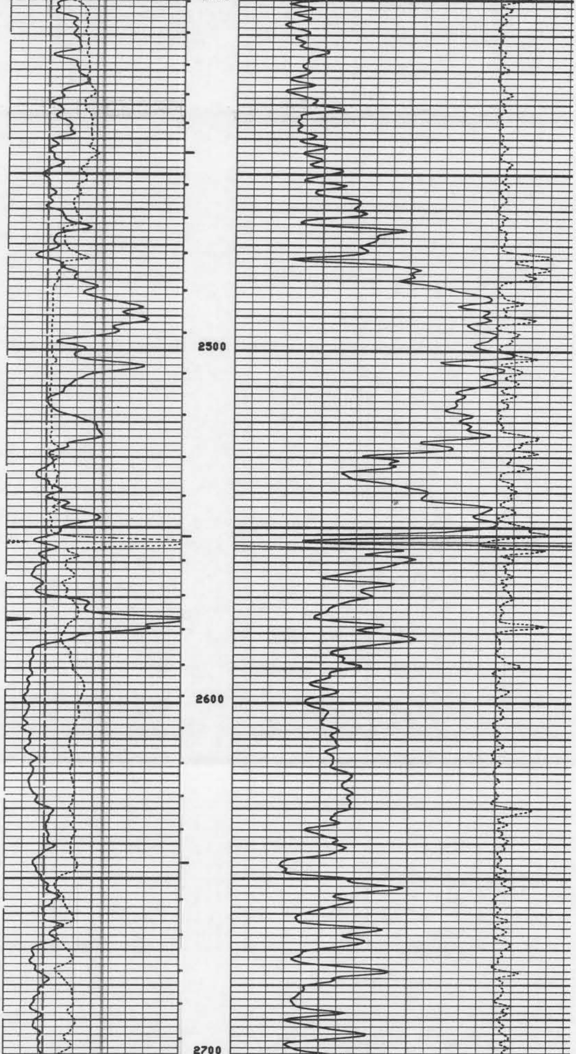
PARAMETERS

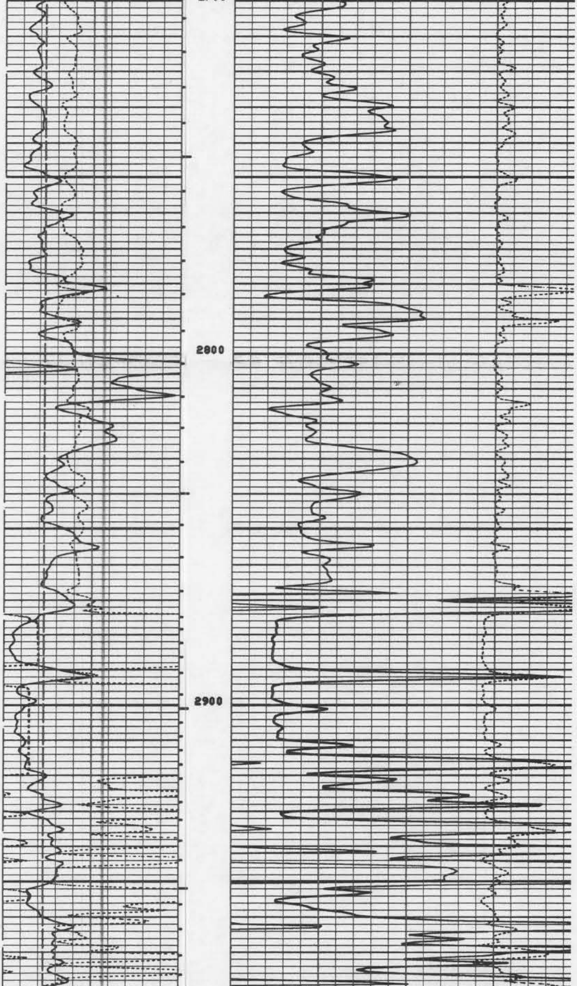
NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.343		BS	12.25	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
SBR	1.000	OHMM	DSEC	5.300	MMHO
FPHI	PHIX		MSEC	6.600	MMHO
DO	0.0		BHS	OPEN	

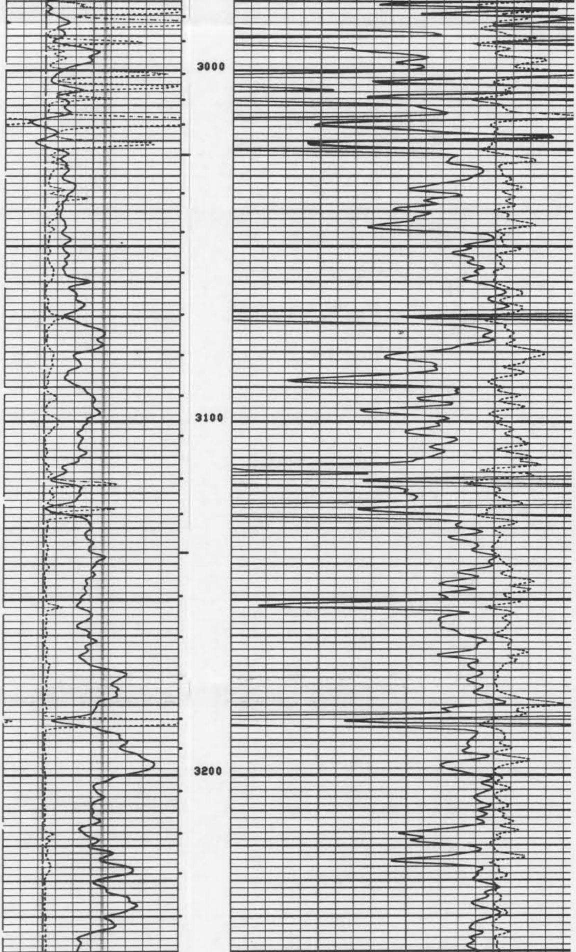


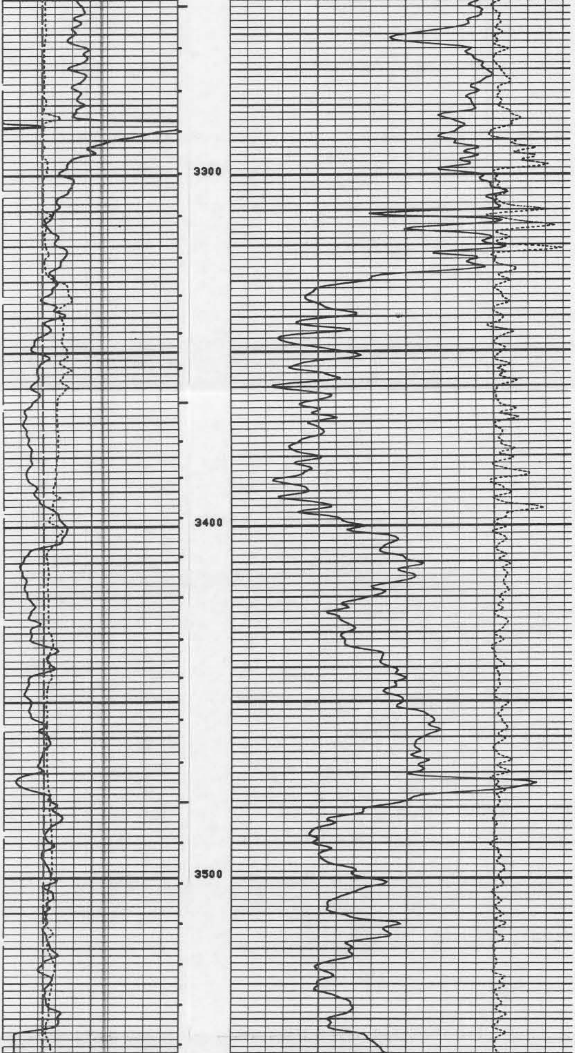


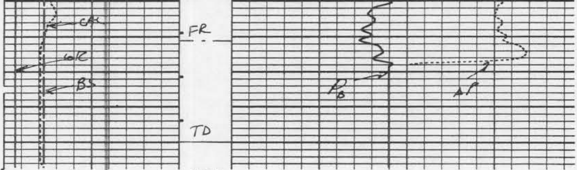












FILE

6

LOG

BS (IN) 10.00 20.00

CALI(IN) 10.00 20.00

GR (GAPI) 0.0 100.0

DRHO(G/C3) -0.250 0.2500

RHOB(G/C3) 2.000 3.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	44.4	FEET	GR	52.9	FEET
FFDC	29.1	FEET	FCNL	44.4	FEET
CALI	29.1	FEET	NFDC	29.1	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NRAT	44.4	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.343		BS	12.25	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
SBR	1.000	OHMM	DSEC	5.300	MMHO
FPHI	PHIX		MSEC	6.600	MMHO
DO	0.0		BHS	OPEN	

BS (IN) 10.00 20.00

CALI(IN) 10.00 20.00

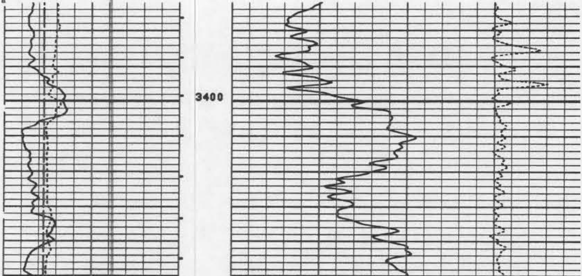
GR (GAPI) 0.0 100.0

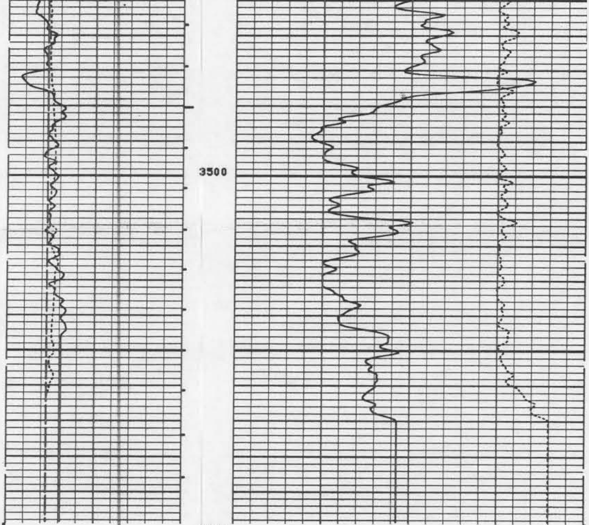
DRHO(G/C3) -0.250 0.2500

RHOB(G/C3) 2.000 3.000

FILE

5





FILE

5

REPEAT

BS (IN)			
10.00	20.00		
CALI(IN)		DRHO(G/C3)	
10.00	20.00	-0.250	0.2500
GR (GAPI)		RHOB(G/C3)	
0.0	100.0	2.000	3.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	44.4	FEET	GR	52.9	FEET
FFDC	29.1	FEET	FCNL	44.4	FEET
CALI	29.1	FEET	NFDC	29.1	FEET
SFL	3.9	FEET	ILD	6.9	FEET
SP	.0	FEET	ILM	3.3	FEET
TENS	.0	FEET	SPAR	.0	FEET
NRAT	44.4	FEET			

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.343		BS	12.25	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
SBR	1.000	OHMM	DSEC	5.300	MMHO
FPHI	PHIX		MSEC	6.600	MMHO
DO	0.0		BHS	OPEN	

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                  BEFORE SURVEY CALIBRATION SUMMARY

   PERFORMED:      82/06/07
   PROGRAM FILE: ISN     (VERSION    20.2    81/ 1/30)

 DITD                     ELECTRONICS CALIBRATION SUMMARY

                MEASURED                             CALIBRATED
              ZERO     PLUS                       ZERO       PLUS           UNITS
     ILD       0.1    533.8                        0.0       499.8           MMHO
     ILM      -0.6    519.6                        0.0       500.0           MMHO
     SFL      -0.7    488.5                        0.0       500.0           MMHO

 ILD  SONDE ERROR CORRECTION :            5.3   MMHO
 ILM  SONDE ERROR CORRECTION :            6.6   MMHO

 SGTE                     DETECTOR CALIBRATION SUMMARY

                MEASURED
              BKGD     JIG          CALIBRATED          UNITS
       GR     103      258             165              GAPI

 CNTA                     DETECTOR CALIBRATION SUMMARY

                   TANK                                  JIG
            INPUT  CALIBRATED              MEASURED   CALIBRATED
   NRAT     2.343    2.158                   2.345       2.160

 PGTK                     DETECTOR CALIBRATION SUMMARY

                  BLOCK                                  JIG
            INPUT  CALIBRATED              MEASURED   CALIBRATED      UNITS
   FFDC      473      337                     398         283          CPS
   NFDC      824      528                     194         124          CPS

 PGTK                     CALIPER CALIBRATION SUMMARY

                MEASURED                             CALIBRATED
             SMALL    LARGE                       SMALL      LARGE          UNITS
   CALI       9.7     16.2                         7.8       14.0            IN
                  SHOP SUMMARY

   PERFORMED:      82/06/06
   PROGRAM FILE: SHOP    (VERSION    20.2    81/ 1/30)

 CNTA                     DETECTOR CALIBRATION SUMMARY

                 TANK                              JIG
       MEASURED  CALIBRATED       MEASURED    CALIBRATED

   NRAT    2.343      2.158          2.394        2.205

                      (CNC:652  , CNB:301  )
                       FILE

                  SHOP SUMMARY

   PERFORMED:      82/06/06
   PROGRAM FILE: SHOP    (VERSION    20.2    81/ 1/30)

 PGTK                     DETECTOR CALIBRATION SUMMARY

                 BLOCK                             JIG
       MEASURED    CALIBRATED     MEASURED    CALIBRATED      UNITS

   FFDC   473          337           401          285          CPS
   NFDC   824          528           195          125          CPS

          (PGS:83    , PDH:1201 , GSR:3345 , SFT   :2196 )
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FLORIDA GEOLOGICAL SURVEY
2290 VICTORIA AVENUE, SUITE 179
FT. MYERS, FLORIDA 33901

P# 1063
Schlumberger

SIMULTANEOUS

COMPENSATED NEUTRON-FORMATION DENSITY

COUNTY	
FIELD	
LOCATION	
WELL	
COMPANY	

COMPANY HUGHES & HUGHES
021-86
WELL OLEUM CORP 20.3
FIELD WILDCAT
COUNTY COLLIER STATE FLORIDA

LOCATION 2287.9' FWL & 1440.8' FSL
Other Services: DIL-GR

API SERIAL NO.	SEC.	TWP.	RANGE
	20	50S	33E

Permanent Datum: GL ; Elev.: NA
Log Measured From RKB 21.5 Ft. Above Perm. Datum
Drilling Measured From RKB

Elev.: K.B. 36.0 NA
34.8 D.F. NA
14.1 G.L. NA

Date	6-1-86			
Run No.	ONE			
Depth—Driller	1570			
Depth—Logger	1569			
Btm. Log Interval	1568			
Top Log Interval	222			
Casing—Driller	20" @ 225	@	@	@
Casing—Logger	222			
Bit Size	17 1/2			
Type Fluid in Hole	GEL			
Dens. | Visc.	8.9 | 38			
pH | Fluid Loss	9.5 | 20 ml	ml	ml	ml
Source of Sample	TANK			
Rm @ Meas. Temp.	2.19 @ 85 °F	@ °F	@ °F	@ °F
Rmf @ Meas. Temp.	2.10 @ 85 °F	@ °F	@ °F	@ °F
Rmc @ Meas. Temp.	2.71 @ 85 °F	@ °F	@ °F	@ °F
Source: Rmf | Rmc	M | M			
Rm @ BHT	— @ — °F	@ °F	@ °F	@ °F
TIME: Circulation Stopped	1600			
TIME: Logger on Bottom	2200			
Max. Rec. Temp.	<100 °F	°F	°F	°F
Equip. | Location	8004 | FT MYERS			
Recorded By	BUCHEL			
Witnessed By	BALLARD			

FLORIDA GEOLOGICAL SURVEY
2295 VICTORIA AVENUE, SUITE 178
FT. MYERS, FLORIDA 33901

FOLD HERE

The well name, location and borehole reference data were furnished by the customer.

RUN NO.	ONE			
Service Order No.	242427			
Fluid Level	FULL			
Salinity, PPM CL.	NA			
Speed - F.P.M.	30			

Type Log	Depth			

EQUIPMENT DATA				
Dens. Panel	33			
Dens. Cart.	23			
Dens. Skid.	340			
Dens. Sonde	456			
Dens. Source	3345			
Dens. Calibrator	2190			
Neut. Panel	33			
Neut. Cart.	1265			
Neut. Source	A05a			
Neut. Calibrator	301			
GR Cart.	1282			
Memorizer Panel	CSU			
Tape Recorder (TTR)	MTU			
Depth Encoder (DRE)	1DW			
Pressure Wheel (CPW)	1DW			
Centralizers: Enter Spring, Standoffs, In-line, or None — Type	SPRING			
No.	1			
S. O. — Inches	—			

REMARKS:

CALIBRATION DATA					
GR	BKG. CPS				
	Source CPS				
	Sens. - Cal	SEE			
	T. C. - Cal				
CNL	Short Spacing - Before Log	CSL			
	Long Spacing - Before Log				
	Short Spacing - After Log				
	Long Spacing - After Log				
FDC	P1 — Before Log				
	P2 — Before Log				
	P1 — After Log				
	P2 — After Log				

LOGGING DATA

DEPTH		CNP			FDC				GR			
Top	Bottom	Porosity Scale	Matrix	Auto Corr. or Hole Size Setting	Porosity Scale	Grain Density	Liquid Density	Hole Fluid	Sens. Logged	T. C.	Zero. Div. Left	Scale Per 100 Div.
222	1569	45-15	LIME	AUTO	45-15	2.71	1.0	WAT	165	[illegible]	0	100

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.

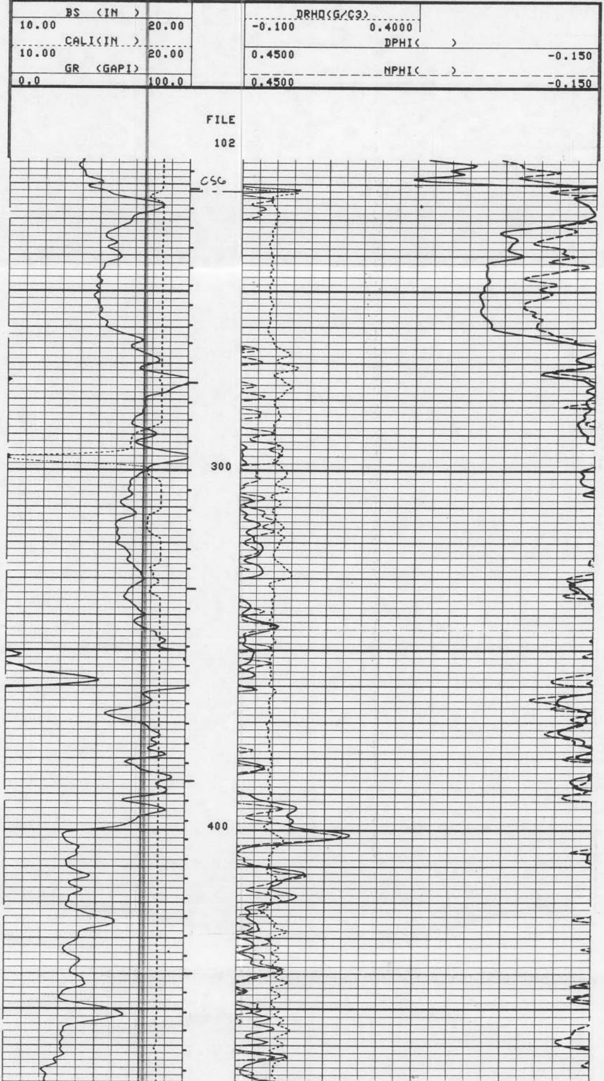
CALIPER DIAM. IN INCHES
10 20

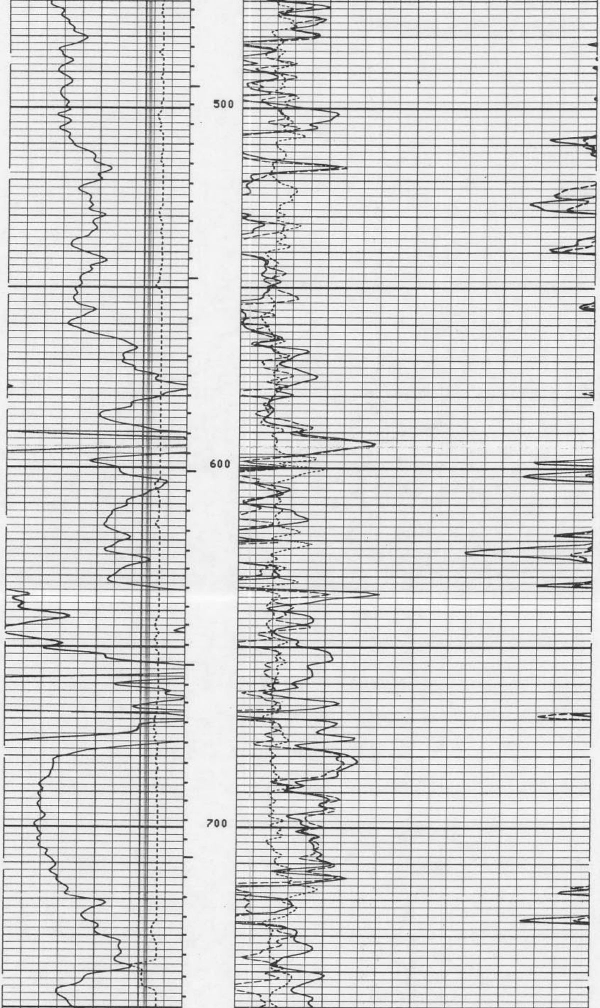
GAMMA RAY API UNITS
0 100

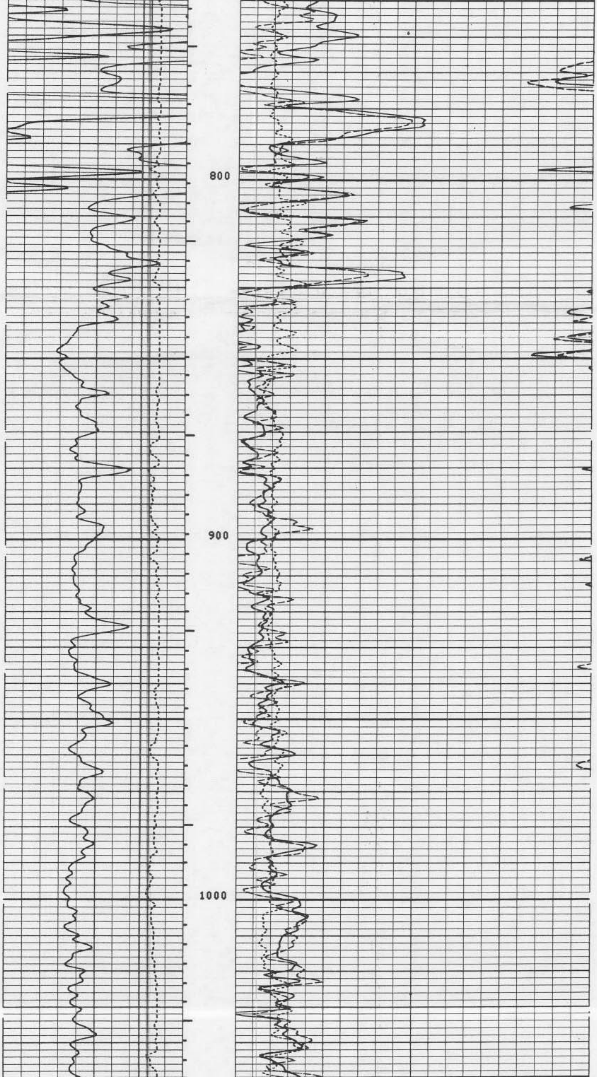
DEPTH

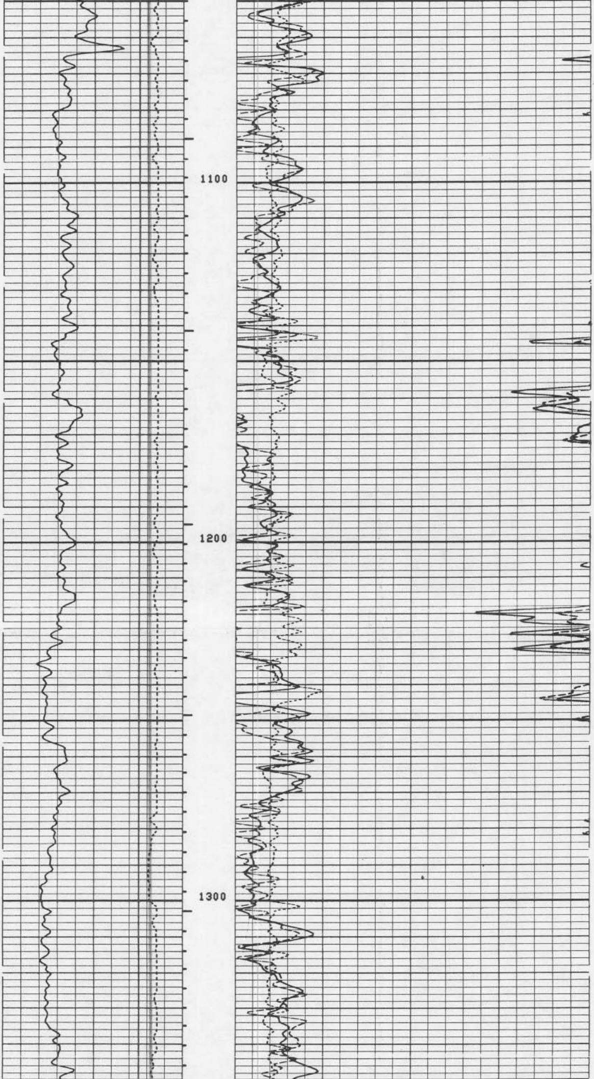
POROSITY INDEX % LIME MATRIX
COMPENSATED FORMATION DENSITY POROSITY
45 30 15 0 -15

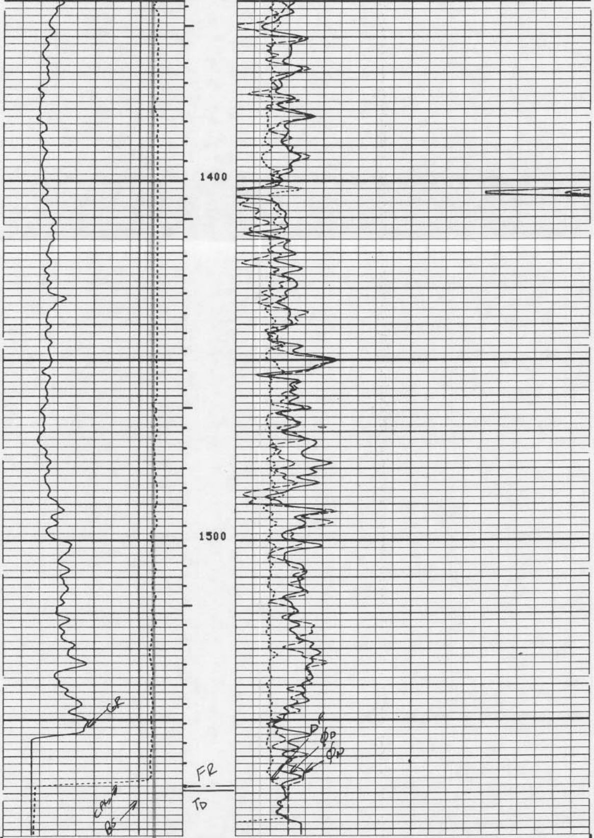
COMPENSATED NEUTRON POROSITY
45 30 15 0 -15











FILE

102

LOO

BS (IN)		DRHO(G/C3)	
10.00	20.00	-0.100	0.4000
CALI(IN)		DPHI( )	
10.00	20.00	0.4500	-0.150
GR (GAPI)		NPHI( )	
0.0	100.0	0.4500	-0.150

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	13.8	FEET	GR	22.3	FEET
FFDC	-1.0	FEET	FCNL	13.8	FEET
CALI	-1.0	FEET	NFDC	-1.0	FEET
NRAT	13.8	FEET	TENS	.0	FEET

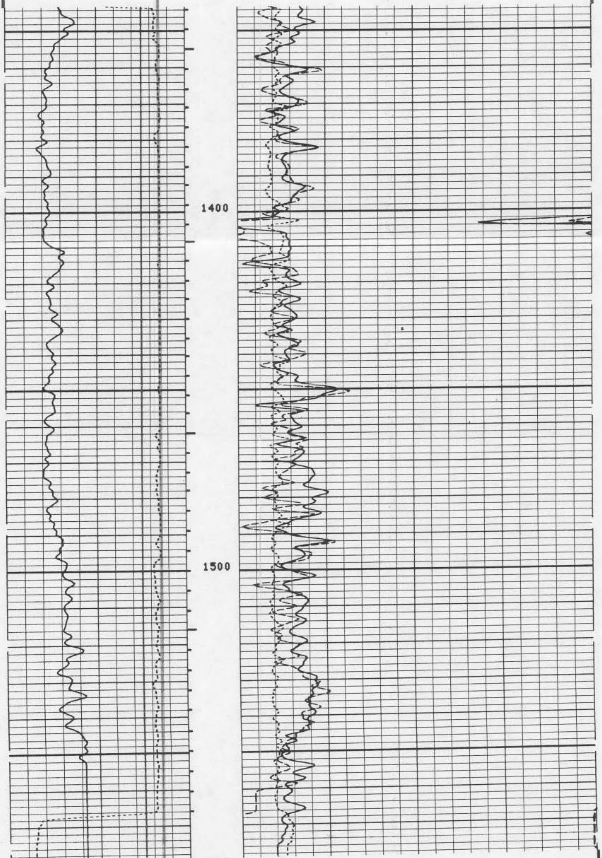
PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.334		BS	17.50	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
BHS	OPEN		FPHI	PHIX	
DO	0.0				

BS (IN)		DRHO(G/C3)	
10.00	20.00	-0.100	0.4000
CALI(IN)		DPHI( )	
10.00	20.00	0.4500	-0.150
GR (GAPI)		NPHI( )	
0.0	100.0	0.4500	-0.150

FILE

101



FILE

101

REPEAT

BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

DRHO(G/C3)
-0.100 0.4000
DPHI( )
0.4500 -0.150
NPHI( )
0.4500 -0.150

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	13.8	FEET
FFDC	-1.0	FEET
CALI	-1.0	FEET
NRAT	13.8	FEET

GR	22.3	FEET
FCNL	13.8	FEET
NFDC	-1.0	FEET
TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT
PSNR	2.334	
MATR	LIME	
MDEN	2.710	G/C3
BHF	WATE	
BHS	OPEN	
DO	0.0	

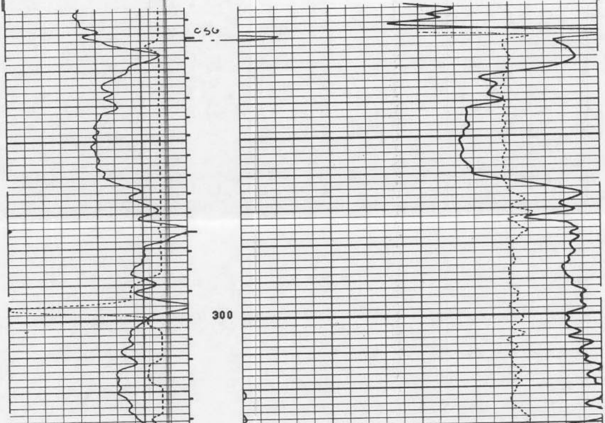
NAME	VALUE	UNIT
BS	17.50	IN
HC	CALI	
FD	1.000	G/C3
FDCC	ALLO	
FPHI	PHIX	

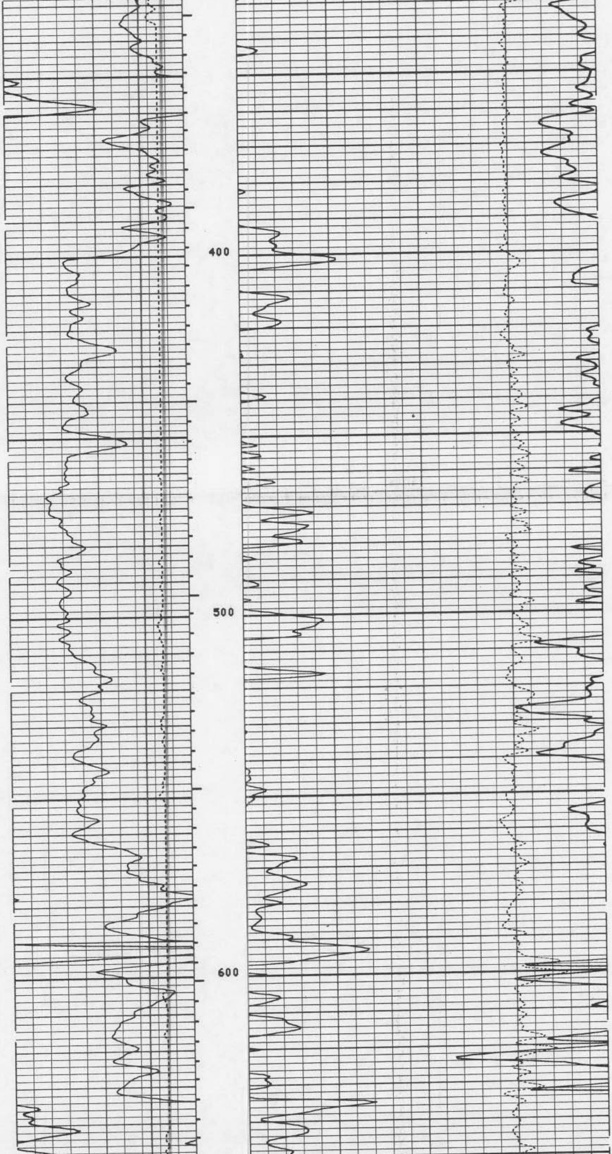
BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

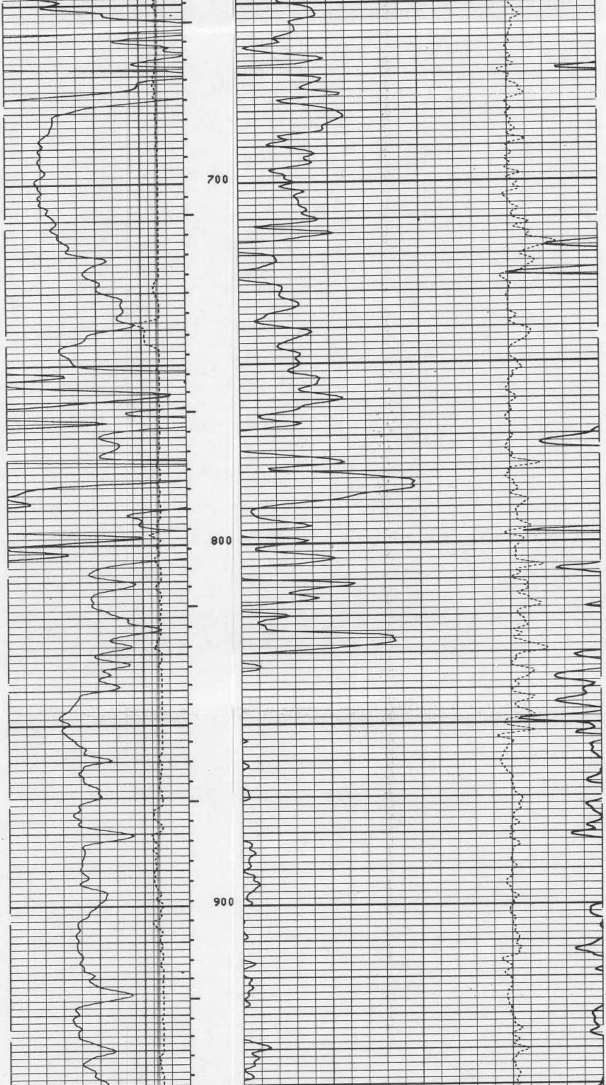
DRHO(G/C3)
-0.250 0.2500
RHOB(G/C3)
2.000 3.000

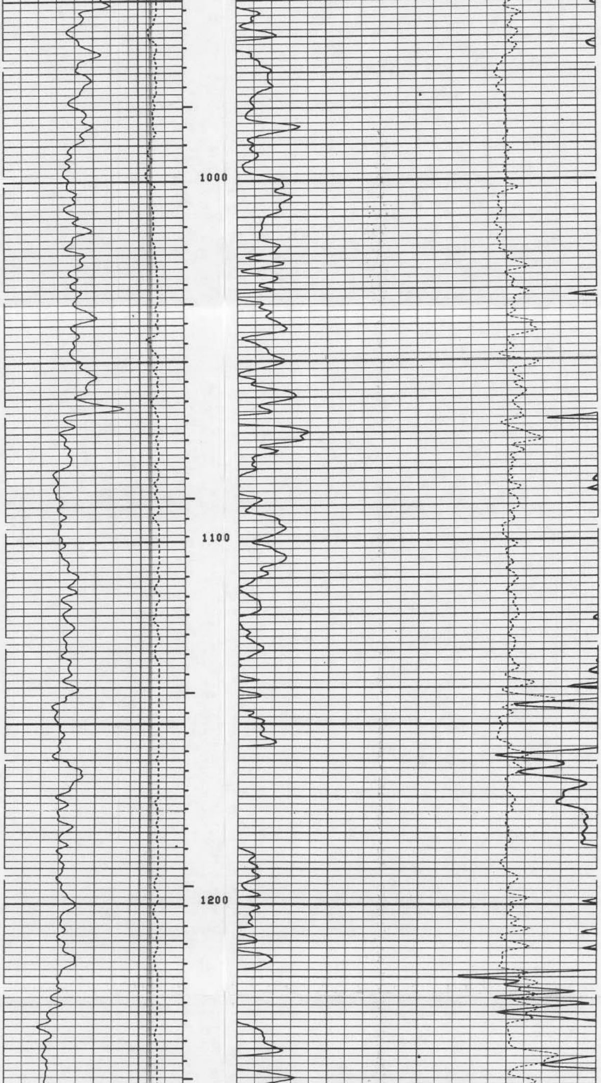
FILE

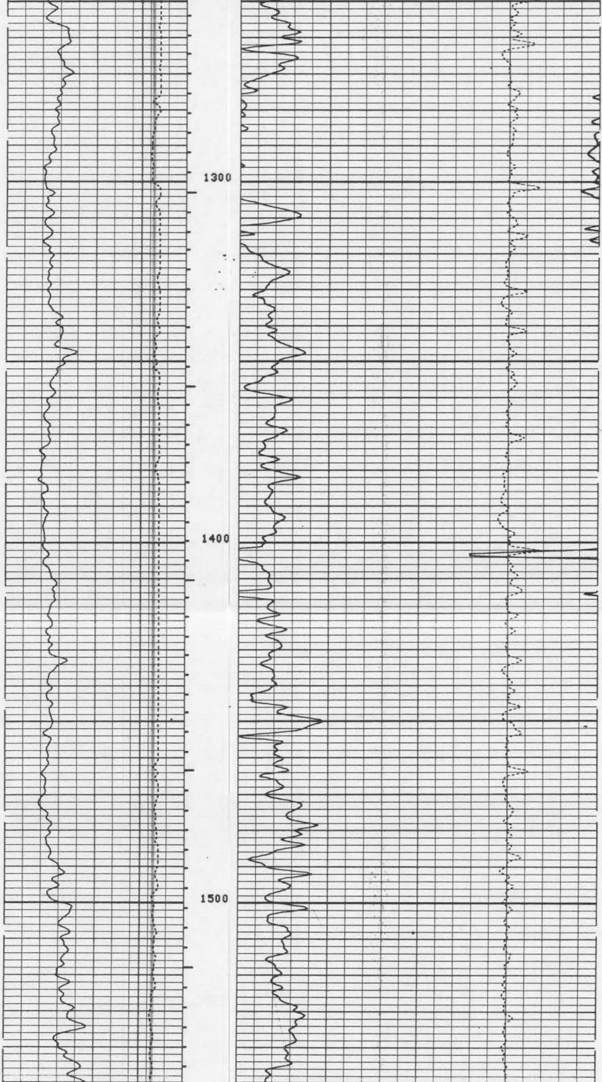
102

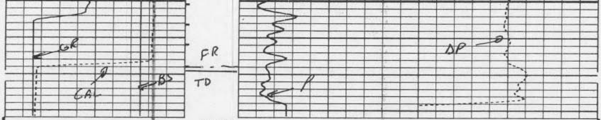












FILE

102

LOG

BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

RHOB(G/C3)
2.000 3.000

DRHO(G/C3)
-0.250 0.2500

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	13.8	FEET	GR	22.3	FEET
FFDC	-1.0	FEET	FCNL	13.8	FEET
CALI	-1.0	FEET	NFDC	-1.0	FEET
NRAT	13.8	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.334		BS	17.50	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
BHS	OPEN		FPHI	PHIX	
DO	0.0				

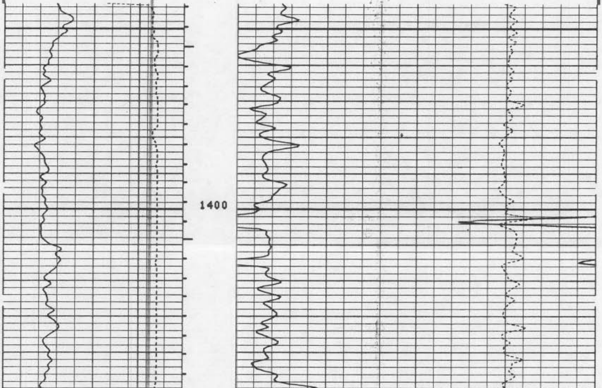
BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

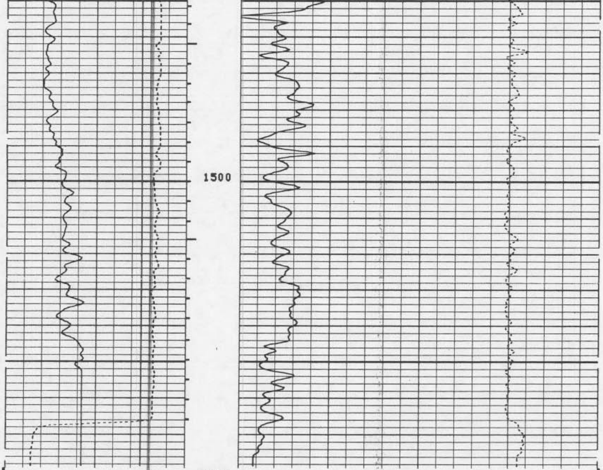
RHOB(G/C3)
2.000 3.000

DRHO(G/C3)
-0.250 0.2500

FILE

101





FILE

101

REPEAT

BS (IN)
10.00 20.00
CALI(IN)
10.00 20.00
GR (GAPI)
0.0 100.0

DRHO(G/C3)
-0.250 0.2500
RHOB(G/C3)
2.000 3.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	13.8	FEET	GR	22.3	FEET
FFDC	-1.0	FEET	FCNL	13.8	FEET
CALI	-1.0	FEET	NFDC	-1.0	FEET
NRAT	13.8	FEET	TENS	.0	FEET

PARAMETERS

NAME	VALUE	UNIT	NAME	VALUE	UNIT
PSNR	2.334		BS	17.50	IN
MATR	LIME		HC	CALI	
MDEN	2.710	G/C3	FD	1.000	G/C3
BHF	WATE		FDCC	ALLO	
BHS	OPEN		FPHI	PHIX	
DO	0.0				

BEFORE SURVEY CALIBRATION SUMMARY

PERFORMED: 82/06/01
PROGRAM FILE: ISN (VERSION 20.2 81/ 1/30)

SGTE DETECTOR CALIBRATION SUMMARY

	MEASURED BKGD	MEASURED JIG	CALIBRATED	UNITS
GR	67	216	165	GAPI

CNTA DETECTOR CALIBRATION SUMMARY

```
                 TANK                                  JIG
           INPUT  CALIBRATED          MEASURED    CALIBRATED
   NRAT    2.334    2.158              2.394        2.214


   PGTE                 DETECTOR CALIBRATION SUMMARY

                 BLOCK                                 JIG
           INPUT  CALIBRATED          MEASURED    CALIBRATED      UNITS
    FFDC    627      337                 399          214          CPS
    NFDC    887      528                 191          113          CPS


   PGTE                 CALIPER CALIBRATION SUMMARY

               MEASURED                      CALIBRATED
             SMALL   LARGE               SMALL      LARGE         UNITS
    CALI      7.1    12.4                 7.8       14.0           IN
                          FILE

                            2
```

```
                    AFTER SURVEY TOOL CHECK SUMMARY


   PERFORMED:       82/06/01
   PROGRAM FILE: ISN     (VERSION     20.2     81/ 1/30)

 CNTA                           TOOL  CHECK

                          JIG
                  BEFORE         AFTER
   NRAT           2.214          2.208

   POROSITY CHANGE  (LIME): -0.000

 PGTE                           TOOL  CHECK

                          JIG
                  BEFORE         AFTER         UNITS
   FFDC            214            216           CPS
   NFDC            113            115           CPS
                          FILE

                            6
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                    SHOP SUMMARY


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

 CNTA                   DETECTOR CALIBRATION SUMMARY

                 TANK                                 JIG
        MEASURED  CALIBRATED         MEASURED    CALIBRATED

   NRAT     2.334       2.158           2.373         2.194

                       (CNC:1265 , CNB:301   )

 PGTE                   DETECTOR CALIBRATION SUMMARY

                 BLOCK                                JIG
        MEASURED    CALIBRATED       MEASURED    CALIBRATED        UNITS

   FFDC   627            337             403          216            CPS
   NFDC   887            528             191          113            CPS

           (PGS:456   , PDH:340   , GSR:3345 , SFT   :2196 )
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