217-22403

Tucker
WIRELINE SERVICES

COMPENSATED NEUTRON
PEL DENSITY LOG

! CONFIDENTIAL
until 10-22-10

File No. : TUL-54333
Company : RUNNING FOXES PETROLEUM, INC.
Well : STONER 4-7B-2
Field : WILDCAT
County : VERNON
State : MISSOURI
Country : U.S.A.

RECEIVED
OCT 22 2009
Mo Oil & Gas Council

Location : PERMIT # 22403
300' FNL & 210' FWL
NW
Sect : 07 Twp : 36N Rge : 33W

Recorded By : C. GREEVER
Witnessed By : J. TAGLIERI

Date : JUL 31 2009
Run No. : 1

Permanent Datum : GL
Drilling Measured From : GL
Log Measured From: GL
Above Permanent Datum : 0.00 FT

Depth--Driller : 454.0 FT
Depth--Logger : 454.0 FT
Bottom Log Interval : 432.0 FT
Top Log Interval : 20.0 FT

Casing Depth--Driller: 20.0 FT
Casing Depth--Logger : 20.0 FT
Casing Diameter : 7.000 IN

Bit Size : 5.875 IN
Unit No. : TRK 118
Location : TULSA

Elevations :
KB : FT
DF : FT
GL : 885.00 FT

Additional Services
PIT

The customer is hereby warned that by providing the log data herein, T. W. S. does not agree to provide any interpretation of log data, conversion of log data to physical rock parameters or recommendations. T. W. S. does not guarantee or warrant either expressly or impliedly, the accuracy of any interpretation of log data, conversion of log data to physical rock parameters or recommendations which may be given by T. W. S. personnel. Any interpretation, conversion or recommendation is not part of the consideration for the agreement between the parties and is not part of any part of the charge by T. W. S. for its services. Any user of the log data is warned that said user is not entitled to rely on interpretations, conversions or recommendations as aforesaid.

Run Number 1

Depth To Fluid 0.0 FT
Fluid Type In Hole : NATIVE
Density : 0.000 LBS/GAL
Viscosity : 0.000 SEC/QT
pH : 0.000
Fluid Loss : 0.000 CC
Salinity : 0.000 KPPM

RM Source : MEASURED
RM : 10.200 OHMM at 68 F
RM at BHT : 8.793 OHMM at 80 F

RMF Source : CALCULATED
RMF : 8.670 OHMM at 68 F
RMF at BHT : 7.474 OHMM at 80 F

RMC Source : CALCULATED
RMC : 11.220 OHMM at 68 F
RMC at BHT : 9.672 OHMM at 80 F

Max Recorded Temp. : 80 F
Time Circulation Stopped : JUL 31 2009 @ 11:00
Operating Rig Time, Hrs. : 2.0

- Source Serial Numbers -

Gamma	1903-GW
Neutron	21166B

- Sonde Serial Numbers -

GRTB	GRT-BC-43
CNT	CNP-AD-34
LDTNG	LDP NG 01
PIT_B	PIT-AC-25

Casing Strings

Size (IN)	Weight (LB/FT)	Bottom (FT)
7.000	32.00	20.00

- Comments -

ALL PRESENTATIONS AS PER CLIENTS REQUEST>

GRT, CNT, LDT AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED IN X-Y AXIS
2.71 G/CC USED TO CALCULATE PORSITY
PHIN IS CALIPER CORRECTED
ANNULAR HOLE VOLUME CALCULATED USING 4.5'' PRODUCTION CASING

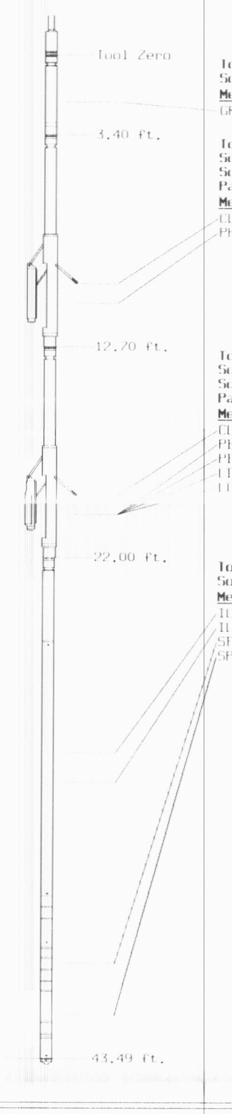
GRT: GRP.
CNT: PHIN, CLCNIN.
LDT: PORL, LCORN, PECIN, LDENN, CLLDIN.
PIT: ILD , ILM, SFLAEC, CIRD, SPU.

OPERATORS:
R. AUSTIN
L. BARTO

THANK YOU FOR USING TUCKER WIRELINE SERVICES!!!!!!!!!!!!!!!!!

Tool String Schematic

Total Tool Length 43.49 ft.
Maximum Outside diameter 4.80 in.
Net Weight in Air 243.00 lbs.



Tool: GRTB Length: 3.40 ft. O.D.: [illegible] in.
Sonde ID : GRT-BC-43

Measure Point	Stack Offset	Tool Offset	Bottom Offset
GRP	2.00	2.00	41.49

Tool: CNT Length: 9.30 ft. O.D.: [illegible] in.
Sonde ID : CNP-AD-34
Source ID : 21166B
Pad ID : CNP-AD-34

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLCN	9.40	6.00	34.09
PHIN	10.24	6.84	33.25

Tool: LDTNG Length: 9.30 ft. O.D.: 4.80 in.
Sonde ID : LDP NG 01
Source ID : 1903 GW
Pad ID : LDP-NG 01

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLLD	18.70	6.00	24.79
PEL	19.70	7.00	23.79
PES	20.10	7.40	23.39
LDEN	19.70	7.00	23.79
LCOR	19.70	7.00	23.79

Tool: PIT Length: 21.49 ft. O.D.: [illegible] in.
Sonde ID : PIT AC 25

Measure Point	Stack Offset	Tool Offset	Bottom Offset
ILD	30.92	8.92	12.57
ILM	32.10	10.10	11.39
SFLU	39.49	17.49	4.00
SP	42.60	20.60	0.89

TENSION
LBS
10000 0

BIT SIZE
INCHES (IN)
4 14

DENSITY (X) CALIPER
INCHES (IN)
14 24
4 14

Volume
Quartz

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25

NEUTRON (Y) CALIPER
INCHES (IN)
14 24
4 14

Volume
Calcite

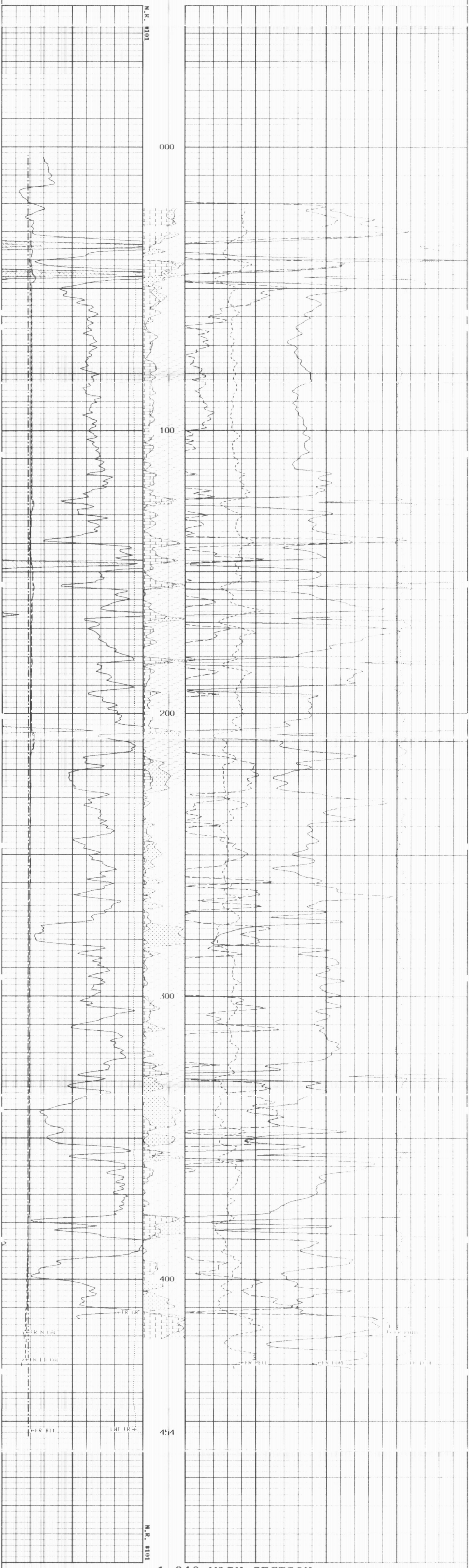
NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

GAMMA RAY
API UNITS
200 400
0 200

Volume
Dolo/Shale

DENSITY POROSITY
PERCENT (2.71 g/cc)
70 50
30 10

1:240 MAIN SECTION



1:240 MAIN SECTION

GAMMA RAY
API UNITS
200 400
0 200

Volume
Dolo/Shale

DENSITY POROSITY
PERCENT (2.71 g/cc)
70 30
30 10

NEUTRON (Y) CALIPER
INCHES (IN)
14 24
4 14

Volume
Calcite

NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

DENSITY (X) CALIPER
INCHES (IN)
14 24
4 14

Volume
Quartz

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

BIT SIZE
INCHES (IN)
4 14

TENSION
LBS
10000 0

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 F

Matrix Density 2.71 G/C3
Fluid Density 1.00 G/C3
Formation Matrix Limestone
Drill Bit Size 5.875 IN
Casing Correction (PHI N) Disable

TENSION
LBS
10000 0

BIT SIZE
INCHES (IN)
4 14

DENSITY (X) CALIPER
INCHES (IN)
14 24
4 14

Volume
Quartz

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

NEUTRON (Y) CALIPER
INCHES (IN)
14 24
4 14

Volume
Calcite

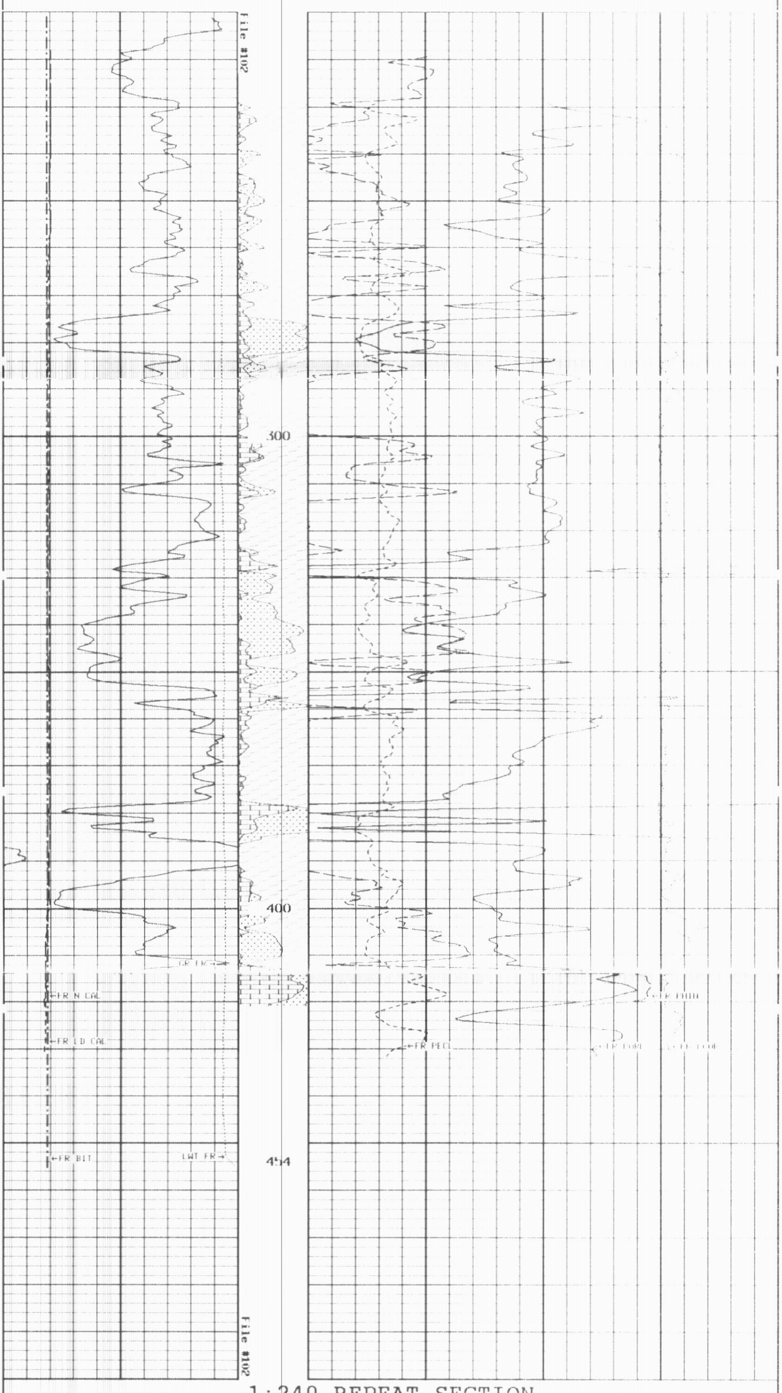
NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

GAMMA RAY
API UNITS
200 400
0 200

Volume
Dolo/Shale

DENSITY POROSITY
PERCENT (2.71 g/cc)
70 30
30 10

1:240 REPEAT SECTION



1:240 REPEAT SECTION

GAMMA RAY
API UNITS
200 400
0 200

Volume
Dolo/Shale

DENSITY POROSITY
PERCENT (2.71 g/cc)
70 30
30 10

NEUTRON (Y) CALIPER
INCHES (IN)
14 24
4 14

Volume
Calcite

NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

DENSITY (X) CALIPER
INCHES (IN)
14 24
4 14

Volume
Quartz

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

BIT SIZE
INCHES (IN)
4 14

TENSION
LBS
10000 0

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 F

Matrix Density 2.71 G/C3
Fluid Density 1.00 G/C3
Formation Matrix Limestone
Drill Bit Size 5.875 IN
Casing Correction (PHI N) Disable

TENSION
LBS
10000 0

BIT SIZE
INCHES (IN)
4 14

DENSITY (X) CALIPER
INCHES (IN)
14 24
4 14

NEUTRON (Y) CALIPER
INCHES (IN)
14 24
4 14

GAMMA RAY
API UNITS
200 400
0 200

-BHV AHV-
CU.FT

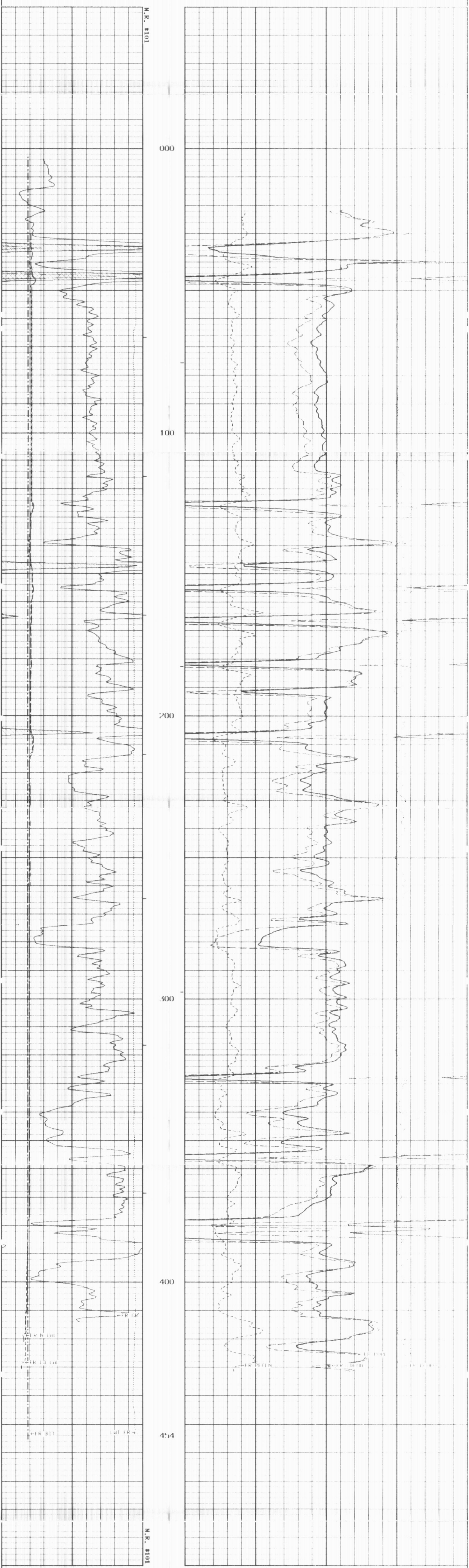
PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

DENSITY POROSITY
PERCENT (2.71 g/cc)
70 30
30 10

COMPENSATED BULK DENSITY
G/CC
3.0 4.0
2.0 3.0
1.0 2.0

1:240 MAIN SECTION
BULK DENSITY



1:240 MAIN SECTION
BULK DENSITY

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+------------------------------+-----------+--------------------------------------+
|          GAMMA RAY           | -BHV AHV- |       COMPENSATED BULK DENSITY       |
|          API UNITS           |   CU.FT   |                 G/CC                 |
|200                        400|           |3.0                                4.0|
|  0                        200|           |2.0                                3.0|
|------------------------------|           |--------------------------------------|
|                              |           |1.0                                2.0|
+------------------------------+           +--------------------------------------+
|    NEUTRON (Y) CALIPER       |           |           DENSITY POROSITY           |
|       INCHES (IN)            |           |        PERCENT (2.71 g/cc)           |
|14                          24|           |70                                  50|
| 4                          14|           |30                                  10|
| - - - - - - - - - - - - - - -|           | - - - - - - - - - - - - - - - - - - -|
+------------------------------+           +------------------+-------------------+
|    DENSITY (X) CALIPER       |           | PE CROSS SECTION |DENSITY CORRECTION |
|       INCHES (IN)            |           | BARNS/ELECTRON   |       G/CC        |
|14                          24|           |                  |                   |
| 4                          14|           |0               10|0.25           0.25|
| - - - - - - - - - - - - - - -|           | - - - - - - - - -|                   |
+------------------------------+           +------------------+-------------------+
|          BIT SIZE            |
|        INCHES (IN)           |
|                              |
|4                           14|
| -.-.-.-.-.-.-.-.-.-.-.-.-.-.-|
+------------------------------+
|          TENSION             |
|            LBS               |
|                              |
|10000                        0|
+------------------------------+
```

```
                      * Borehole Zone Factors *

            Zone 1   99999.0  to    0.0  F

   Matrix Density                              2.71   G/C3
   Fluid Density                               1.00   G/C3
   Formation Matrix                        Limestone
   Drill Bit Size                              5.875  IN
   Production Casing Diameter                  4.500  IN
   Casing Correction (PHI N)                Disable
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                      * Calibration Summary *

                          Shop Calibration
                                GRTB
     Performed : 24-Apr-2008                Time : 10:19
  Sensor Suite : GR-GR5                       ID : GRT BB 45

                    Measured      Units        Calibrated        Unit
       Background       Jig                        Jig
GR             41       314      CPS               175           GAPI
---------------------------------------------------------------------
                          Shop Calibration
                                CNT
     Performed : 08-Jul-2009                Time : 12:59
  Sensor Suite : BHC NEUT                     ID : CNP AB 54
     Source ID : 21166B

                       Tank                 Verification         Unit
             Measured     Calibrated            Jig
N/F            3.2001       3.6893            3.6898
Porosity         20.7         20.5              20.5

     Performed : 03-OCT-2007                Time : 10:26
  Sensor Suite : CALI-BCN                     ID : CNP AB 54

                Jig - Measured             Jig    Calibrated     Units
              Ring#1   Ring#2            Ring#1   Ring#2
CL # 1           9.8     15.8               6.0     12.0          IN.
---------------------------------------------------------------------
                          Shop Calibration
                               LDTNG
     Performed : 00-XXX-0000                Time : 00:00
  Sensor Suite : CALIPEL                      ID : LDP NG 01

                Jig - Measured             Jig    Calibrated     Unit
              Ring#1   Ring#2            Ring#1   Ring#2
CL # 1           5.8     11.8               6.0     12.0          IN.

     Performed : 08-Jul-2009                Time : 10:33
  Sensor Suite : BHCPELNG                     ID : LDP NG 01
     Source ID : 1903-GW

                             Short Space
             BKGD           Al             Mg          Al+Fe        Units
LSW1           68         1087           1762            655          CPS
LSW2           73         1275           2031           1889          CPS
LSW3          267         2911           4699           2443          CPS
LSW4          326         2534           3661           2214          CPS
LSW5           31           56             62             52          CPS
LSW6           81           85             86             85          CPS
LSW7           51           58             58             52          CPS
LSW8            2            4              6              5          CPS
QS          0.227        0.189          0.194          0.192
PES                                     2.570          6.180
SSDN                     2.600          1.680                        G/CC

                             Long Space
             BKGD           Al             Mg          Al+Fe        Units
LLW1          116         1258           5115            755          CPS
LLW2          129         2257           8796           1606          CPS
LLW3          490         4141          15499           5537          CPS
LLW4          629         2012           6179           1831          CPS
LLW5           70           83            145             81          CPS
LLW6          204          197            182            192          CPS
LLW7          125          125            118            122          CPS
LLW8            4            8             22              2          CPS
QL          0.240        0.224          0.213          0.216
PEL                                     2.570          6.180
LSDN                     2.600          1.680                        G/CC
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