released 217-#22400

~~CONFIDENTIAL~~ mtl 8-11-10

COMPENSATED NEUTRON PEL DENSITY LOG

Tucker WIRELINE SERVICES

File No. : TUL-55150
Company : RUNNING FOXES PETROLEUM INC.
Well : STONER #13-6A-1
Field : VERNON
County : MISSOURI
State : U.S.A.
Country :

Location : PERMIT # 22400
1140' FSL & 1200' FWL

RECEIVED
AUG 11 2009
MO Oil & Gas Council

Sect : 06 Twp : 36N Rge : 33W

Recorded By : R. FRANKLIN
Witnessed By : M. MACHOSKY (NOT ON LOCATION)

Date : MAR 25 2009		
Run No. : 1		
Permanent Datum :	GL	
Drilling Measured From :	GL	
Log Measured From:	GL	
Above Permanent Datum :	0.00	FT
Depth--Driller :	413.0	FT
Depth--Logger :	413.0	FT
Bottom Log Interval :	390.0	FT
Top Log Interval :	20.0	FT
Casing Depth--Driller:	20.5	FT
Casing Depth--Logger :	20.0	FT
Casing Diameter :	7.000	IN
Bit Size :	6.250	IN
Unit No. :	TRK 123	
Location :	TULSA	

Elevations :

KB :		FT
DF :		FT
GL :	877.00	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 intepretations, 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		
pH :	0.000			
Fluid Loss :	0.000	CC		
Salinity :	0.000			
RM Source :	MEASURED			
RM :	6.000	OHMM at	48	F
RM at BHT :	4.110	OHMM at	73	F
RMF Source :	CALCULATED			
RMF :	5.100	OHMM at	48	F
RMF at BHT :	3.500	OHMM at	73	F
RMC Source :	CALCULATED			
RMC :	6.900	OHMM at	48	F
RMC at BHT :	4.740	OHMM at	73	F

Max Recorded Temp. :	73	F
Time Circulation Stopped :		
Operating Rig Time, Hrs. :	2.0	

- Source Serial Numbers -

Gamma	2991GW
Neutron	N-1046

- Sonde Serial Numbers -

GRTB	GRT-BB-109
CNT	CNP-AA-112
LDT	LDP-BA-14
PIT_B	PIT-AB-005

Casing Strings

Size (IN)	Weight (LBS)	Bottom (FT)
7.000	15.00	20.50

- Comments -

ALL PRESENTATIONS AS PER CUSTOMER REQUEST.

GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
2.71 G/CC USED TO CALCULATE POROSITY.
ANNULAR HOLE VOLUME CALCULATED USING 4.5'' PRODUCTION CASING.
PHIN IS CALIPER CORRECTED.
REPEAT PRESENTED FROM 50' TO 250' DUE TO A SMALL GAP IN DATA.

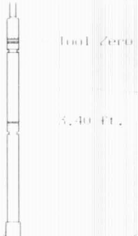
GRT: GRP.
CNT: PHIN, PHINLS, CLDNIN.
LDT: PORL, PORLLS, LCOR, PECL, CLLDIN, LDEN.
PIT: SFLAEC, SPU, ILD, ILM, CIRD.

OPERATORS:
M. GARNER
S. DAVIS

THANK YOU FOR USING TUCKER WIRELINE!!!

Tool String Schematic

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

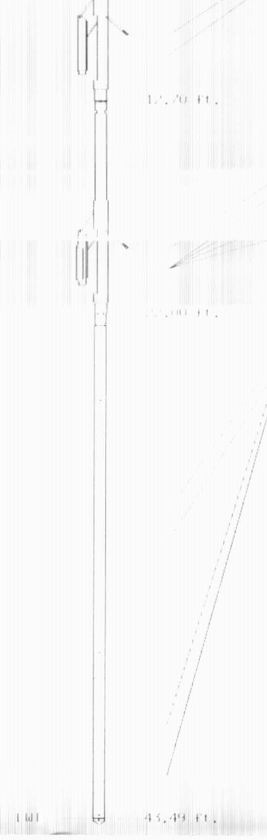


Tool: GRTB **Length:** 3.40 ft. **O.D.:** 3.60 in.
Sonde ID : GRT BB 109

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

Tool: CNT **Length:** 9.50 ft. **O.D.:** 4.56 in.
Sonde ID : CNP AA 112
Source ID : N 1046
Pad ID : CNP AA 112

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



Tool: LDT **Length:** 9.30 **ft. O.D.:** 4.80 **in.**
Sonde ID : LDP BA 14
Source ID : 2991GW
Pad ID : LDP BA 14

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CALD	18.70	6.00	24.79
PHI	19.94	7.24	23.55
PES	19.94	7.24	23.55
LDEN	19.94	7.24	23.55
[illegible]	19.94	7.24	23.55

Tool: DIT **Length:** 21.49 **ft. O.D.:** 3.62 **in.**
Sonde ID : DIT AB 005

Measure Point	Stack Offset	Tool Offset	Bottom Offset
ILD	30.92	8.92	12.56
ILM	32.10	10.10	11.39
SFLU	39.49	17.49	4.00
SP	42.60	20.60	0.88

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

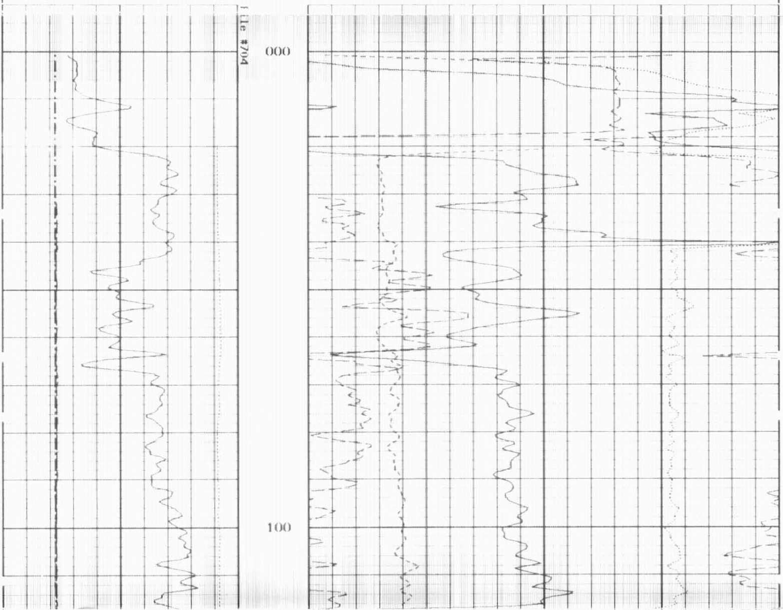
PE CROSS SECTION
BARNS/ELECTRON
0 10

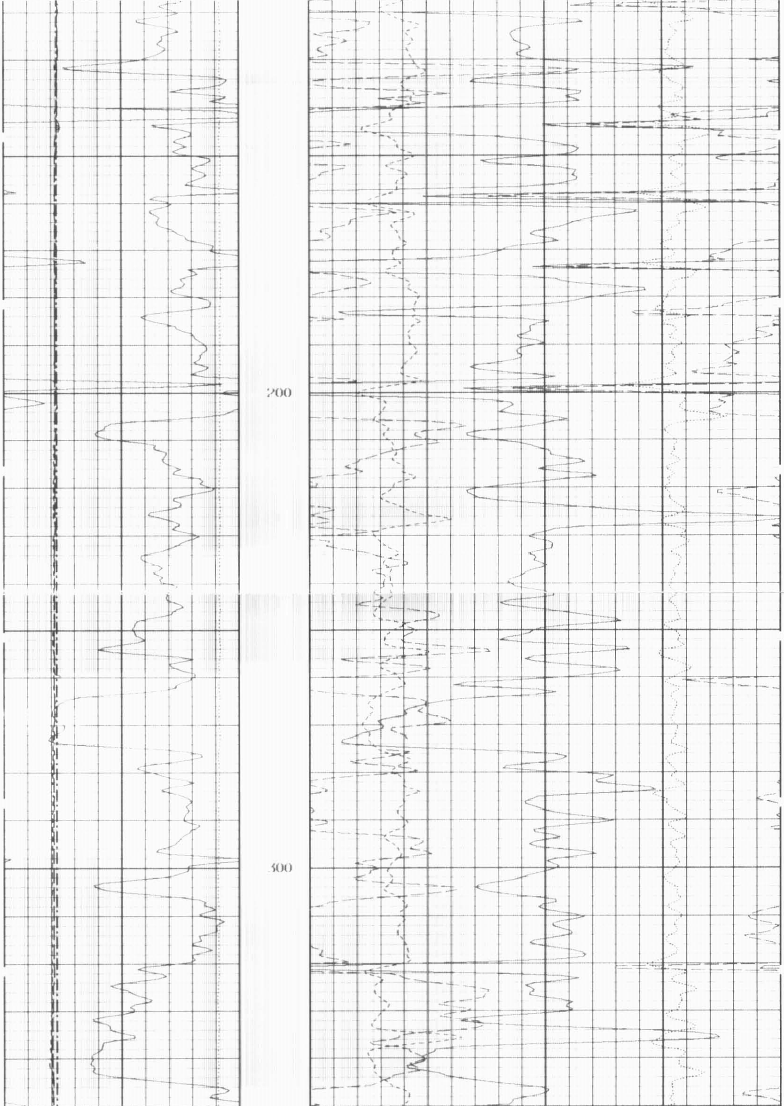
DENSITY CORRECTION
G/CC
0.25 0.25

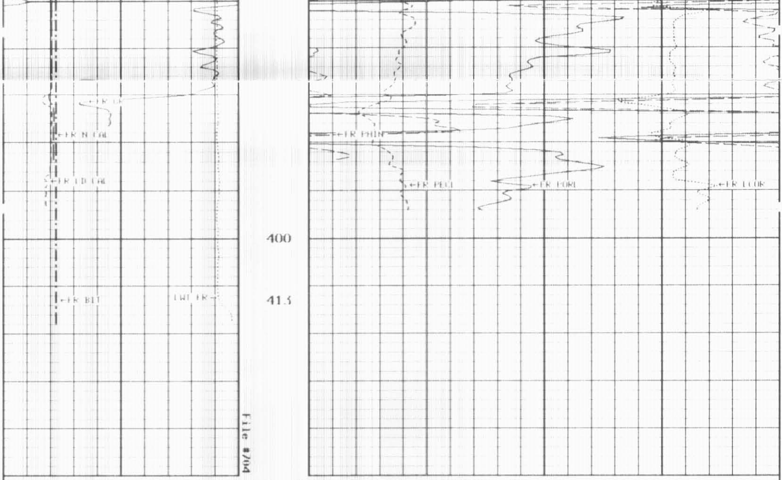
NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
70 30
30 10

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

1:240 MAIN SECTION







1:240 MAIN SECTION

GAMMA RAY
API UNITS
200 400
0 200

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

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

NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
70 30
30 10

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

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	6.250 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

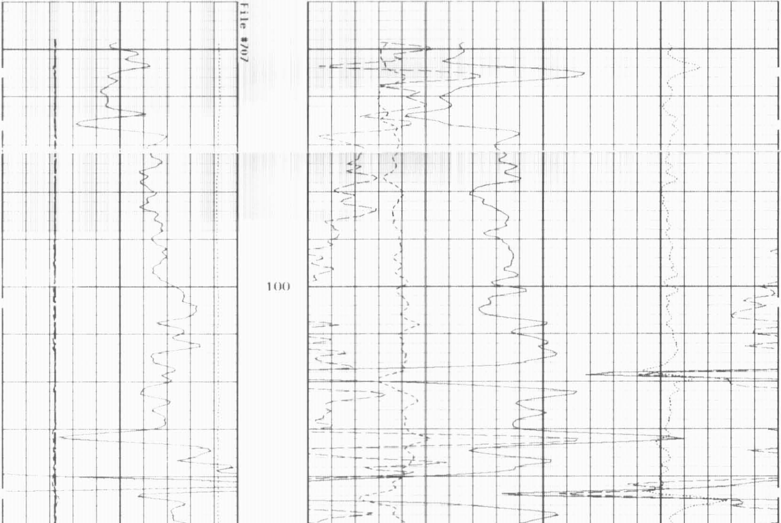
PE CROSS SECTION
BARNS/ELECTRON
0 10

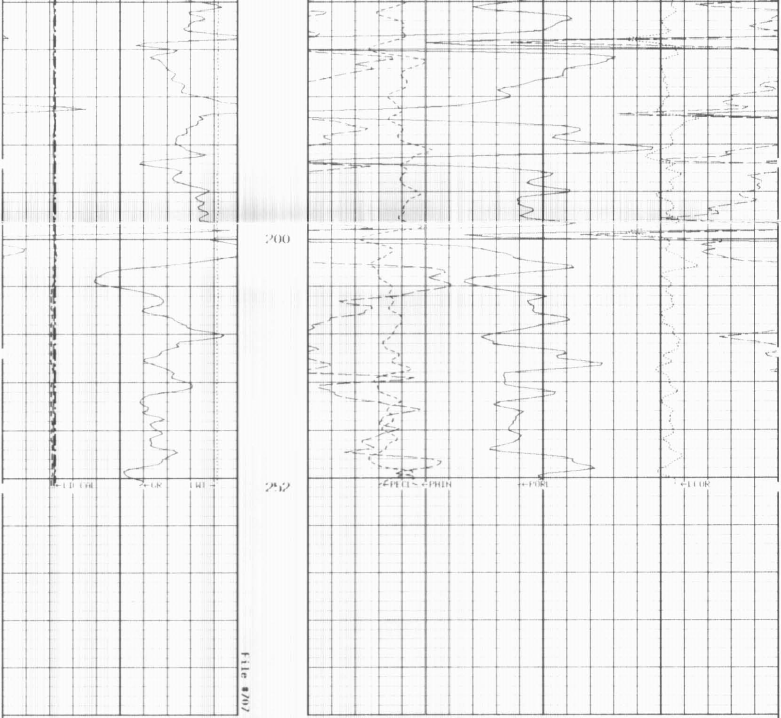
DENSITY CORRECTION
G/CC
-0.25 0.25

NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
70 30
30 10

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

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

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

BIT SIZE
INCHES (IN)
4 14

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

NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
70 30
30 10

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

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	6.250 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

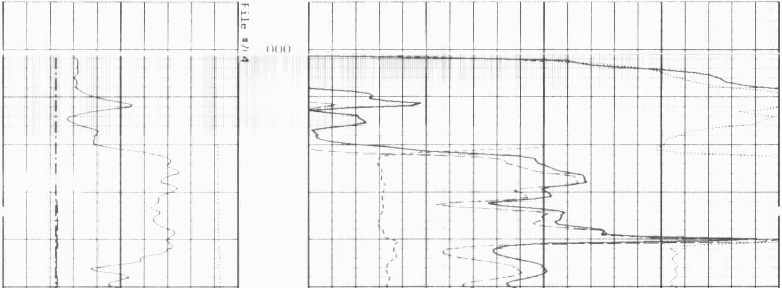
PE CROSS SECTION
BARNS/ELECTRON
0 10

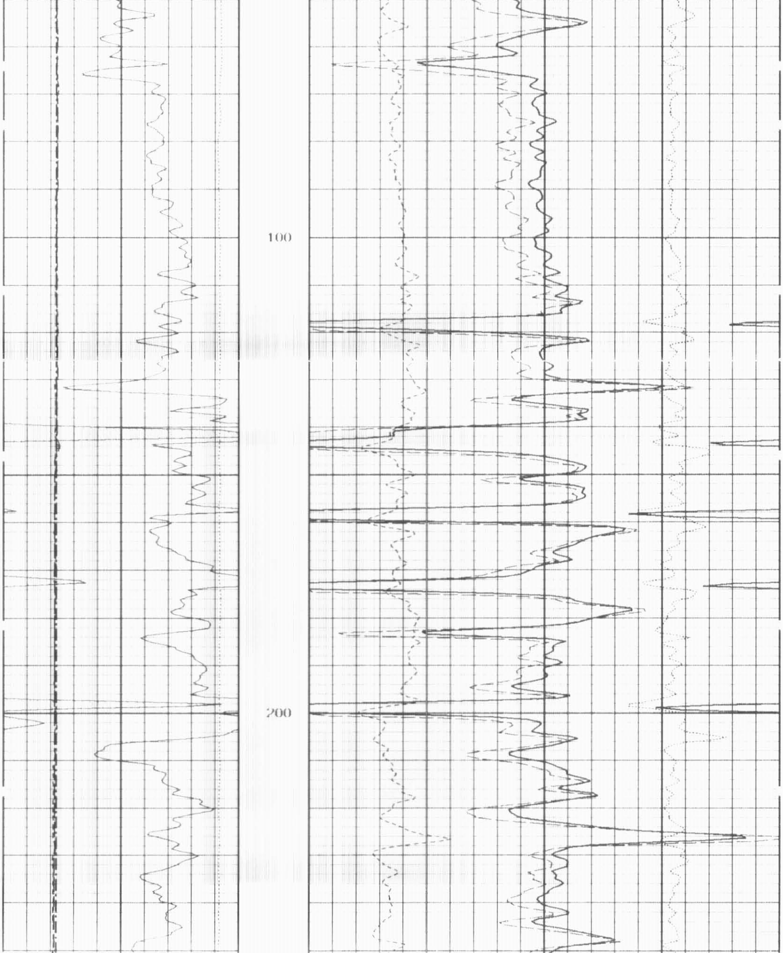
DENSITY CORRECTION
G/CC
0.25 0.25

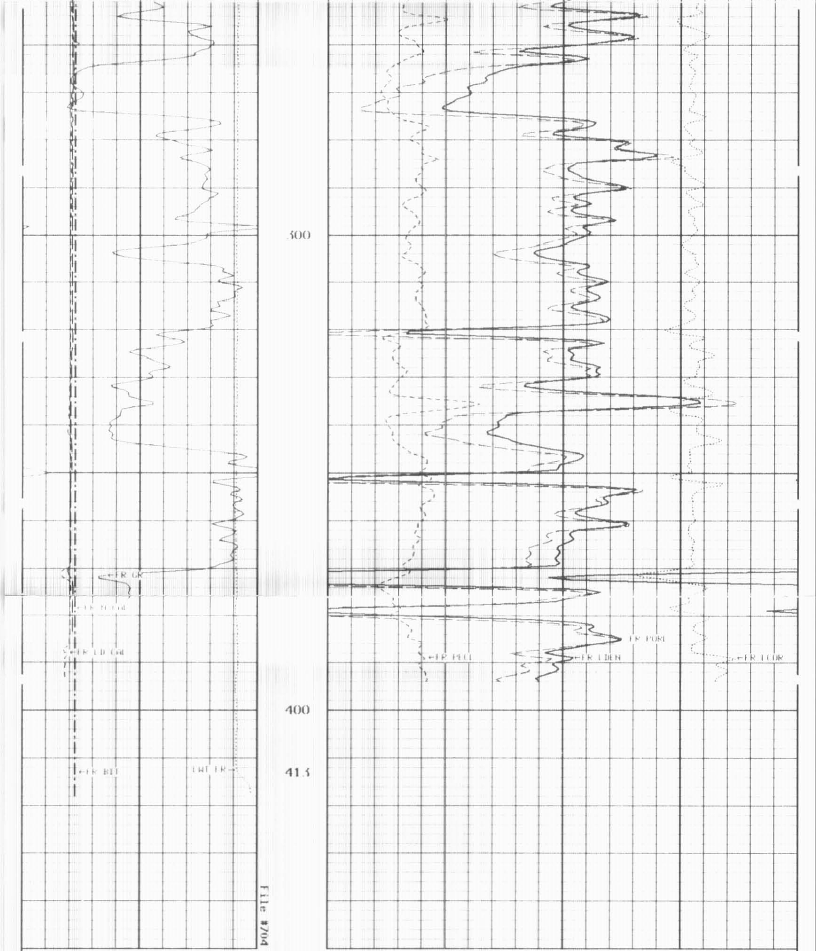
DENSITY POROSITY
PERCENT (2.71 g/cc)
30 10

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

1:240 MAIN SECTION
BULK DENSITY







File #704

1:240 MAIN SECTION
BULK DENSITY

```
        GAMMA RAY                          COMPENSATED BULK DENSITY
        API UNITS                                   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
 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                                6.250  IN
   Casing Correction (PHI N)                   Disable
```

```
                      * Calibration Summary *

                        Shop Calibration
                              GRTB
     Performed : 26 Aug 2008             Time : 16:05
  Sensor Suite : GR GRS                    ID : GRT BB 109

                  Measured      Units        Calibrated        Units
        Background        Jig                   Jig
GR            40          312    CPS            175             GAPI

                        Shop Calibration
                              CNT
     Performed : 11 Mar 2009             Time : 10:04
  Sensor Suite : BHC NEUT                  ID : CNP AA 112
     Source ID : N 1046

                    Tank                  Verification        Units
           Measured     Calibrated            Jig
N/F         3.9405        3.6892            3.6869
Porosity     24.5          20.5              20.5               %

     Performed : 11 MAR 2009             Time : 12:14
  Sensor Suite : CALI BCN                  ID : CNP AA 112

               Jig   Measured             Jig    Calibrated    Units
             Ring#1   Ring#2            Ring#1    Ring#2
CL # 1          8.0     14.0               6.0      12.0        IN.

                        Shop Calibration
                              LDT
     Performed : 18 Mar 2009             Time : 11:07
```

```
 Sensor Suite : BHC PEB                    ID : LDF BA 14
   Source ID : 2991GW

                          Short Space
           BKGD          Al          Mg          Al+Fe       Units
LSW1         65        1394        2503          868         CPS
LSW2         72        2455        4307         1656         CPS
LSW3        307        5573        9555         4558         CPS
LSW4        591        3390        5269         3012         CPS
LSW5         30          52          57           49         CPS
LSW6         82          88          89           89         CPS
LSW7         81          88          85           89         CPS
LSW8          2           3           5            4         CPS
QS        0.006       0.000       0.023        0.000
PFS                               2.961        6.761
SSDR                  2.581       1.679                      G/CC

                          Long Space
           BKGD          Al          Mg          Al+Fe       Units
LLW1         58         562        2703          323         CPS
LLW2         69        1079        5039          255         CPS
LLW3        269        1914        8051         1656         CPS
LLW4        331         846        2982          280         CPS
LLW5         29          30          35           29         CPS
LLW6         72          69          69           70         CPS
LLW7         68          69          67           70         CPS
LLW8          1           2           3            1         CPS
QL        0.029       0.000       0.015        0.000
PFL                               2.850        6.594
LSDR                  2.581       1.679                      G/CC

    Performed : 10 MAR 2009            Time : 12:18
 Sensor Suite : CAL1 PEB                 ID : LDF BA 14

               Jig   Measured              Jig   Calibrated   Units
             Ring#1  Ring#2              Ring#1  Ring#2
CL # 1          6.7    12.7                 6.0    12.0        IN.
```