Tucker
WIRELINE SERVICES

COMPENSATED NEUTRON
PEL DENSITY LOG

CONFIDENTIAL
until 09/27/2011

RECEIVED
SEP 27 2010
Mo Oil & Gas Council

File No.	:	TUL-56581
Company	:	RUNNING FOXES PETROLEUM, INC.
Well	:	STONER #13-6D-2
Field	:	WILDCAT
County	:	VERNON
State	:	MO
Country	:	U.S.A.

Location : PERMIT # 22533
530' FSL & 850' FWL

Sect : 06 Twp : 36N Rge : 33W

Recorded By : R. FRANKLIN
Witnessed By : G. BRATTON

Date : JUN 30 2010
Run No. : 1

Permanent Datum :	GL	
Drilling Measured From :	GL	
Log Measured From:	GL	
Above Permanent Datum :	0.00	FT
Depth--Driller :	442.0	FT
Depth--Logger :	441.0	FT
Bottom Log Interval :	438.0	FT
Top Log Interval :	23.0	FT
Casing Depth--Driller:	23.0	FT
Casing Depth--Logger :	23.0	FT
Casing Diameter :	7.000	IN
Bit Size	6.125	IN
Unit No.	TRK 123	
Location	TULSA	

Elevations :
KB : FT
DF : FT
GL : 890.00 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 :	FRESH			
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 :	10.000	OHMM at	85	F
RM at BHT :	9.580	OHMM at	89	F
RMF Source :	CALCULATED			
RMF :	8.500	OHMM at	85	F
RMF at BHT :	8.140	OHMM at	89	F
RMC Source :	CALCULATED			
RMC :	11.500	OHMM at	85	F
RMC at BHT :	11.000	OHMM at	89	F
Max Recorded Temp. :			89	F
Time Circulation Stopped :				
Operating Rig Time, Hrs. :			1.5	

- Source Serial Numbers -

Gamma	2991GW
Neutron	N-1046

- Sonde Serial Numbers -

GRTB	GRT-BC-41
CNT	CNP-AA-112
[illegible]	[illegible]
PIT B	PIT-BA-20

Casing Strings

Size (IN)	Weight (LB/FT)	Bottom (FT)
7.000	15.00	23.00

- Comments -

ALL PRESENTATIONS AS PER CLIENTS REQUEST.

GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
CALIPERS ORIENTED ON THE X-Y AXIS.
2.71 G/CC USED TO CALCULATE PORSITY.
ANNULAR HOLE VOLUME CALCULATED USING 2.875" PRODUCTION CASING.

GRT: GRP.
CNT: PHIN, PHINS, CLCNIN.
LDT: PORL, PORLLS, LDSRN, PECIN, LDENN, CLLDIN.
PIT: ILD, ILM, CILD, SFLAEC, SPU.

OPERATORS:
H. GARNER
S. DAVIS

THANK YOU FOR USING TUCKER WIRELINE SERVICES!

Tool String Schematic

Total Tool Length 43.49 ft.
Maximum Outside diameter 4.00 in.
Net Weight in Air 45.00 lbs.

Tool Zero
3.40 ft.
12.70 ft.
22.00 ft.
43.49 ft.

Tool: GRTB **Length:** 3.40 Ft. O.D.: 3.60 in.
Sonde ID : GRT B0 41

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

Tool: CNT **Length:** 9.30 Ft. O.D.: 4.56 in.
Sonde ID : CNP 00 112
Source ID : N-1046
Pad ID : CNP 00 112

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.: 4.00 in.
Sonde ID : LDP D0 062
Source ID : 2991GB
Pad ID : LDP D0 062

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.: 3.62 in.
Sonde ID : PIT B0 20

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

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

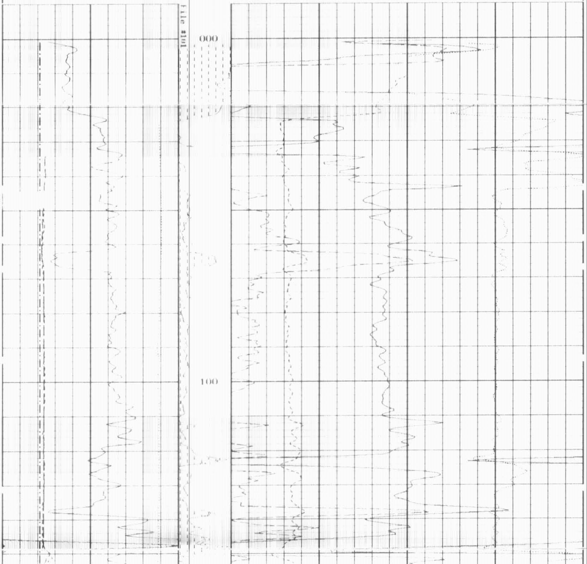
NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

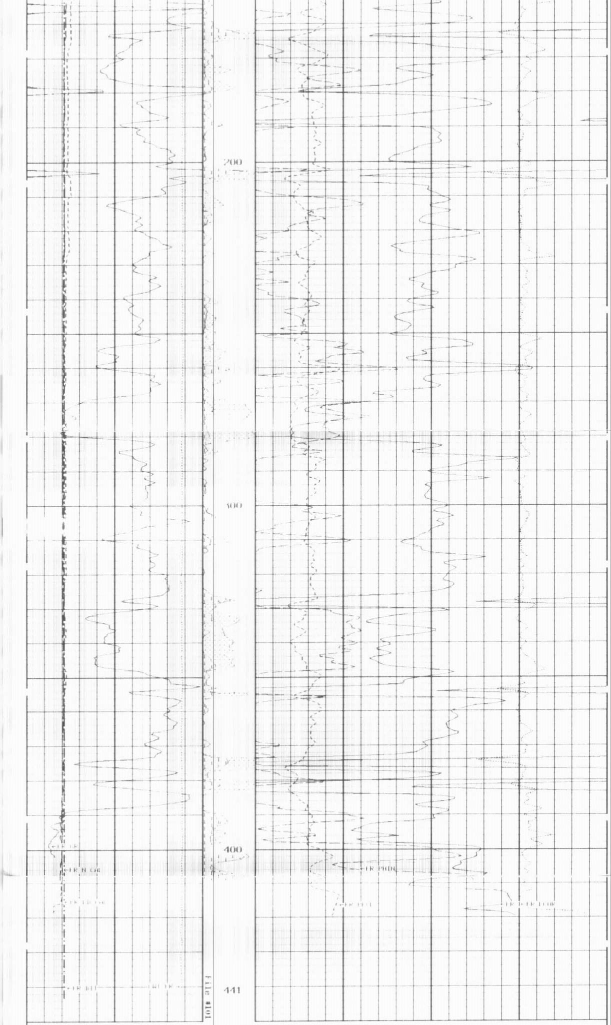
GAMMA RAY
API UNITS
200 400
0 200

Volume
Dolo/Shale

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

1:240 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	6.125 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

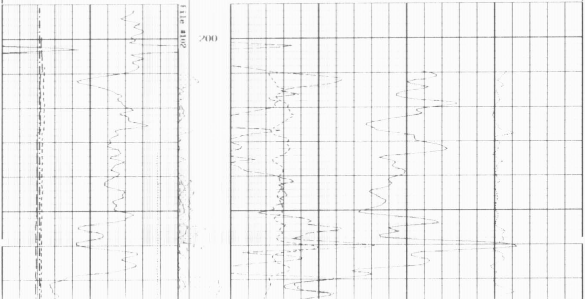
NEUTRON POROSITY
PERCENT (LIMESTONE MATRIX)
30 10

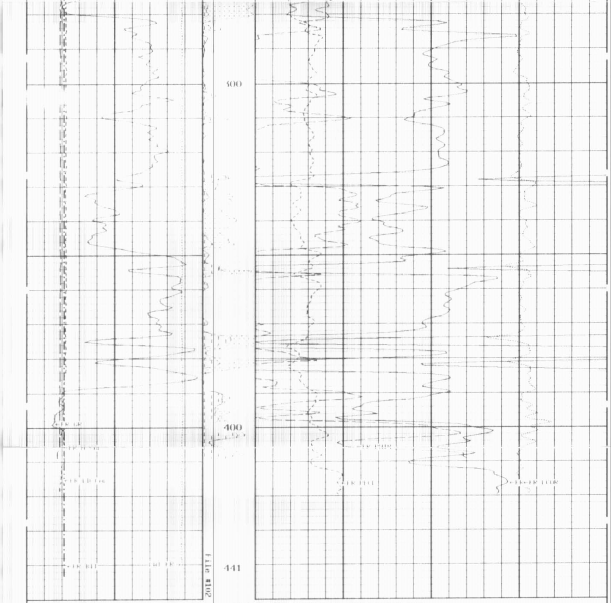
GAMMA RAY
API UNITS
200 400
0 200

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	6.125 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

PE CROSS SECTION
BARNS/ELECTRON
0 10

DENSITY CORRECTION
G/CC
0.25 0.25

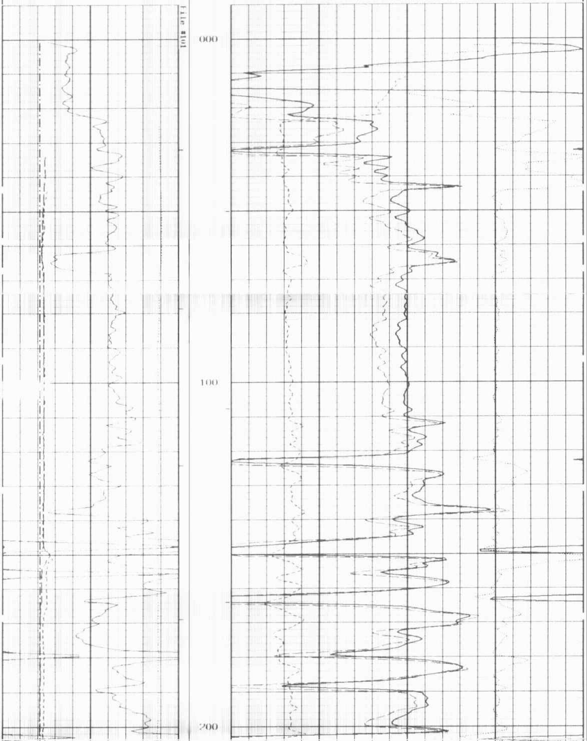
DENSITY POROSITY
PERCENT (2.71 g/cc)
30 10

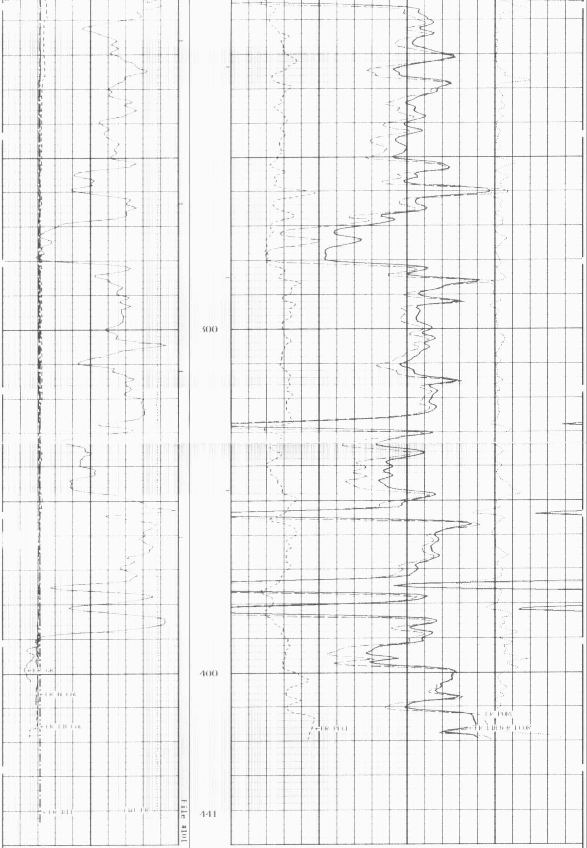
GAMMA RAY
API UNITS
200 400
0 200

-BHV BHV-
CU.FT

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

GAMMA RAY
API UNITS
200 400
0 200

-DHV DHV-
CU.FT

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

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

DENSITY POROSITY
PERCENT (2.71 g/cc)
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                              6.125   IN
    [illegible]                                 [illegible]


                 * Calibration Summary *

                     Shop Calibration
                          GRTB
     Performed :  ?  Apr 2010              Time : 11:02
  Sensor Serial : GR 125                     ID : GRT 00 41

                    Measured        Units        Calibrated        Units
        Background          Jig                       Jig
GR                  46      346      CPS               175          GAPI

                     Shop Calibration
                          CNT
     Performed : 24 Jun 2010               Time : 10:54
  Sensor Serial : 100 NEUT                   ID : CNP 00 112
     Source ID : N 1046

                      Tank                  Verification            Units
              Measured     Calibrated            Jig
N/F            4.0541        3.6895           3.6894
Porosity        26.4          20.5             20.4                   %

     Performed : 24 JUN 2010               Time : 11:58
  Sensor Serial : Cal1 BCN                   ID : CNP 00 112

                  Jig    Measured               Jig    Calibrated   Units
               Ring#1   Ring#2               Ring#1   Ring#2
CL # 1           11.3     16.2                  6.0     12.0          IN.

                     Shop Calibration
                          LDENG
     Performed : 22 APR 2010               Time : 12:57
  Sensor Serial : Cal DEN                    ID : LDP 00 062

                  Jig    Measured               Jig    Calibrated   Units
               Ring#1   Ring#2               Ring#1   Ring#2
CL # 1            7.3     12.3                  6.0     12.0          IN.

     Performed : 27 May 2010               Time : 10:55
  Sensor Serial : DHCPEENG                   ID : LDP 00 062
     Source ID : [illegible]

                              Short Space
                BKGD          GI           Mg          Al+Fe        Units
SSW1              20        1165         1883          260          CPS
SSW2              22        1362         2156          928          CPS
SSW3             269        3126         5042         2664          CPS
SSW4             335        2858         4120         2494          CPS
SSW5              37          66           73           60          CPS
SSW6              81          87           87           86          CPS
SSW7              54          61           61           60          CPS
SSW8               5           7            9            7          CPS
QS             0.200       0.176        0.175        0.178
PES                                     2.278        5.967
SDEN                       2.600        1.680                       G/CC

                              Long Space
                BKGD          GI           Mg          Al+Fe        Units
LSW1              99        1220         5022          266          CPS
LSW2             107        2306         8972         1624          CPS
LSW3             416        4283        16230         3693          CPS
LSW4             532        2030         6518         1033          CPS
LSW5              58          69          159           62          CPS
LSW6             176         172          165          173          CPS
LSW7             112         107          107          110          CPS
LSW8               3           6           18            6          CPS
QL             0.222       0.233        0.236        0.223
PEL                                     2.667        5.458
LDEN                       2.600        1.680                       G/CC
```