217-22532

DUAL INDUCTION RESISTIVITY LOG

Tucker WIRELINE SERVICES

CONFIDENTIAL 9-22-11

RECEIVED
SEP 22 2010
Mo Oil & Gas Council

File No. : TUL-55038
Company : RUNNING FOXES PETROLEUM INC
Well : STONER #13-6A-2
Field :
County : VERNON
State : MISSOURI
Country : U.S.A.

Location : PERMIT: 22532
1140' FSL & 850' FWL

Sect : 06 Twp : 36N Rge : 33W

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

Date : MAY 26 2010
Run No. : 1

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

Elevations :
KB : FT
DF : FT
GL : 880.00 FT

Depth--Driller : 442.0 FT
Depth--Logger : 441.0 FT
Bottom Log Interval : 440.0 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

Additional Services
CNT
LDT

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 :	9.800	OHMM at	85	F
RM at BHT :	10.010	OHMM at	83	F
RMF Source :	CALCULATED			
RMF :	8.330	OHMM at	85	F
RMF at BHT :	8.500	OHMM at	83	F
RMC Source :	CALCULATED			
RMC :	11.270	OHMM at	85	F
RMC at BHT :	11.500	OHMM at	83	F
Max Recorded Temp. :			83	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-AE-42
LDTNG	LDP-DA-067
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 AXIS.
2.71 G/CC USED TO CALCULATE PORSITY.
ANNULAR HOLE VOLUME CALCULATED USING 2.875" PRODUCTION CASING.

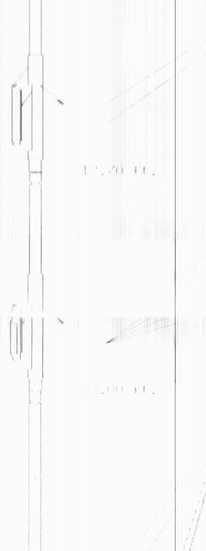
GRT: GRP.
CNT: PHIN, PHINLS, CLCNIN.
LDT: PORL, PORLLS, LCORN, PECLN, LDENN, CLLDIN.
PIT: ILD, ILM, CIRD, SFLAEC, SPU.

OPERATORS:
S. DAVIS
M. GARNER

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 743.00 lbs.



Tool: GRTB Length: 3.40 ft. O.D.: 3.60 in.
Sonde ID : GRT-BC-41

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

Tool: CNT Length: 9.30 ft. O.D.: 4.36 in.
Sonde ID : CNP-AE-42
Source ID : N-1046
Pad ID : CNP-AE-42

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-DA-067
Source ID : 2991GW
Pad ID : LDP-DA-067

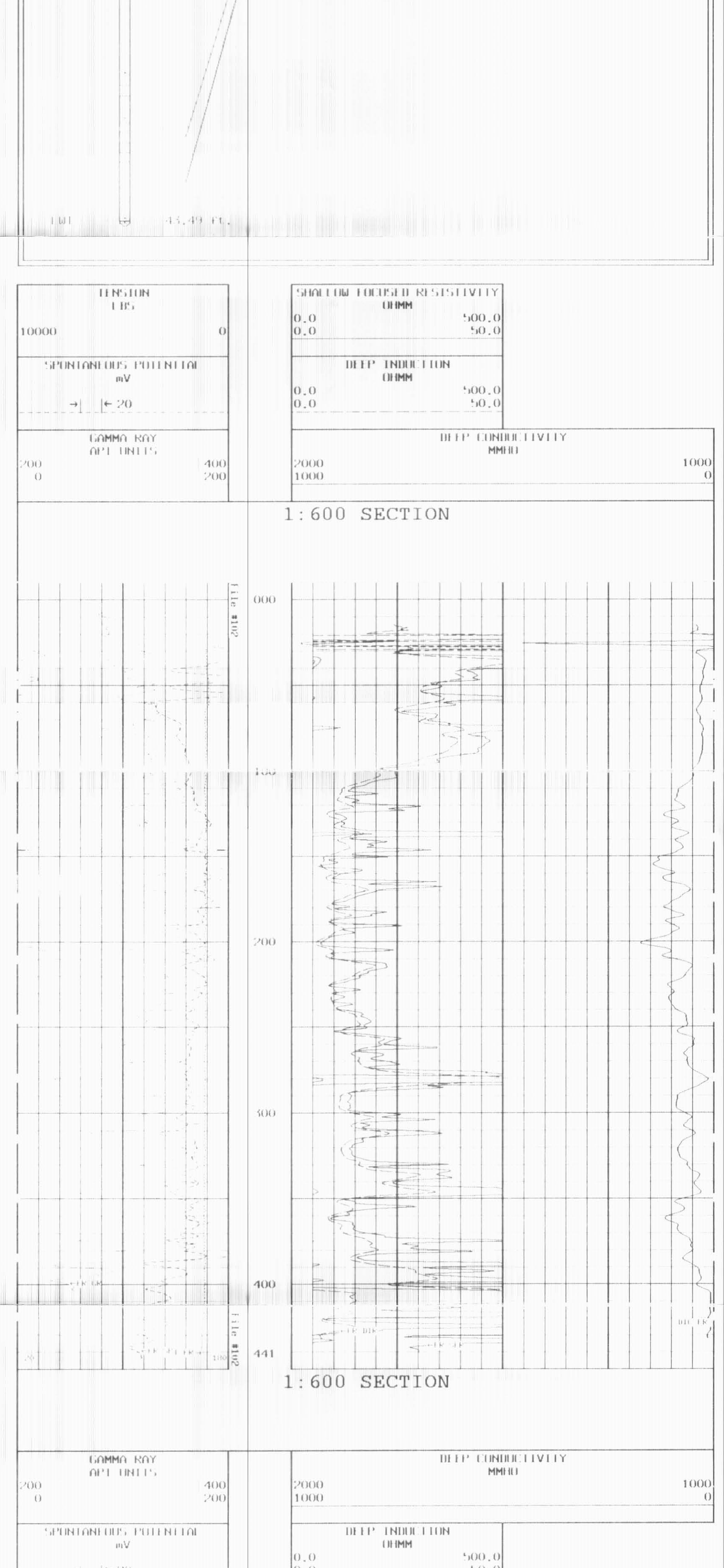
Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLLD	18.70	6.00	24.79
PEL	19.70	7.00	23.79
PES	20.10	7.40	23.39
LDEN	19.70	7.00	23.79

Tool: PIT Length: 21.49 ft. O.D.: 3.62 in.
Sonde ID : PIT-BA-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
SHALLOW FOCUSED RESISTIVITY OHMM 0.0 500.0 / 0.0 50.0
SPONTANEOUS POTENTIAL mV →| |← 20
DEEP INDUCTION OHMM 0.0 500.0 / 0.0 50.0
GAMMA RAY API UNITS 200 400 / 0 200
DEEP CONDUCTIVITY MMHO 2000 1000 / 1000 0

1:600 SECTION



1:600 SECTION

GAMMA RAY API UNITS 200 400 / 0 200
DEEP CONDUCTIVITY MMHO 2000 1000 / 1000 0
SPONTANEOUS POTENTIAL mV →| |← 20
DEEP INDUCTION OHMM 0.0 500.0 / 0.0 50.0
TENSION LBS 10000 0
SHALLOW FOCUSED RESISTIVITY OHMM 0.0 500.0 / 0.0 50.0

TENSION LBS 10000 0
SHALLOW FOCUSED RESISTIVITY OHMM 0.2 2000.0
SPONTANEOUS POTENTIAL mV →| |← 20
MEDIUM INDUCTION OHMM 0.2 2000.0
GAMMA RAY API UNITS 200 400 / 0 200
DEEP INDUCTION OHMM 0.2 2000.0

1:240 MAIN SECTION

1:240 MAIN SECTION

GAMMA RAY API UNITS 200 400 / 0 200
DEEP INDUCTION OHMM 0.2 2000.0
SPONTANEOUS POTENTIAL mV →| |← 20
MEDIUM INDUCTION OHMM 0.2 2000.0
TENSION LBS 10000 0
SHALLOW FOCUSED RESISTIVITY OHMM 0.2 2000.0

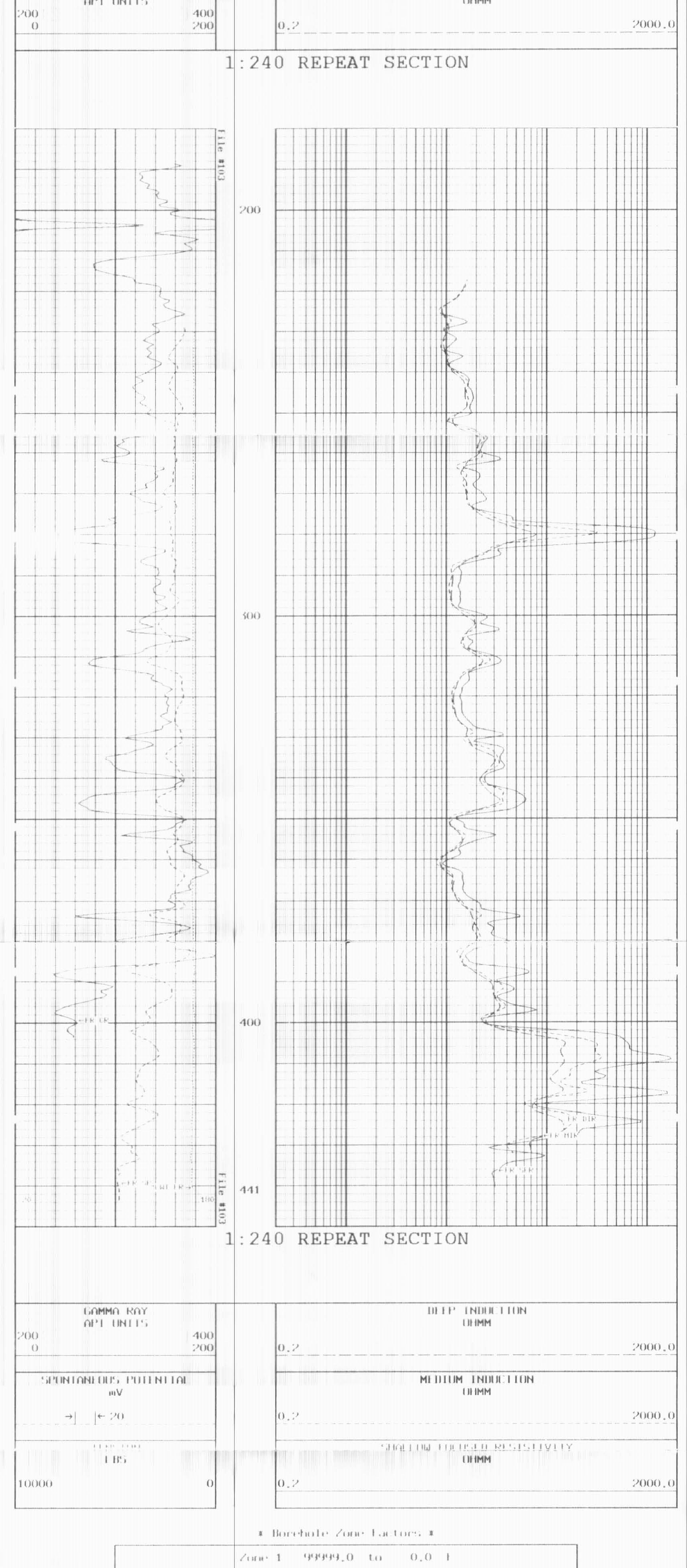
* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 F

Drill Bit Size	6.125	IN
BHT Depth	441.000	F
Borehole Temperature	83.0	DEGF
Temperature Gradient	1.00	DEGF
Resistivity Of Mud	9.80	OHMM
Resistivity Of Mud Temperature	85.00	DEGF

TENSION LBS 10000 0
SHALLOW FOCUSED RESISTIVITY OHMM 0.2 2000.0
SPONTANEOUS POTENTIAL mV →| |← 20
MEDIUM INDUCTION OHMM 0.2 2000.0
GAMMA RAY API UNITS 200 400 / 0 200
DEEP INDUCTION OHMM 0.2 2000.0

1:240 REPEAT SECTION



1:240 REPEAT SECTION

GAMMA RAY API UNITS 200 400 / 0 200
DEEP INDUCTION OHMM 0.2 2000.0
SPONTANEOUS POTENTIAL mV →| |← 20
MEDIUM INDUCTION OHMM 0.2 2000.0
TENSION LBS 10000 0
SHALLOW FOCUSED RESISTIVITY OHMM 0.2 2000.0

* Borehole Zone Factors *

Zone 1 99999.0 to 0.0 F

Drill Bit Size	6.125	IN
BHT Depth	441.000	F
Borehole Temperature	83.0	DEGF
Temperature Gradient	1.00	DEGF
Resistivity Of Mud	9.80	OHMM
Resistivity Of Mud Temperature	85.00	DEGF

* Calibration Summary *

Shop Calibration
GRTB

Performed : 29 Apr 2010 Time : 11:02
Sensor Suite : GR GRS ID : GRT-BC-41

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

Shop Calibration
PIT B

Performed : 09 Mar 2010 Time : 11:08
Sensor Suite : P IND 1 ID : PIT-BA-20

Medium

	Measured R	Measured X	Calibrated R	Calibrated X	Units
Air	131050	129617	0.1	0.1	MMHOS
Zero	131066	131069	0.0	0.0	MMHOS
Reference	248028	243695	5000.0	5000.0	MMHOS
Loop	[illegible]	[illegible]	[illegible]	[illegible]	MMHOS
Check Error			0.1	1.7	MMHOS
Cond			5000.0	5000.0	MMHOS

Deep

	Measured R	Measured X	Calibrated R	Calibrated X	Units
Air	129092	131615	0.1	0.0	MMHOS
Zero	131075	131069	0.0	0.0	MMHOS
Reference	226196	227520	2000.0	2000.0	MMHOS
Loop	148067	175099	1756.9	463.2	MMHOS
Check Error			1.7	4.4	MMHOS
Cond			2000.0	2000.0	MMHOS

Temperature

Measured Low	Measured High	Calibrated Low	Calibrated High	Units
12000.0	42450.0	50.0	350.0	DEGF

Performed : 09 Mar 2010 Time : 11:05
Sensor Suite : SFL ID : PIT-BA-20

Internal

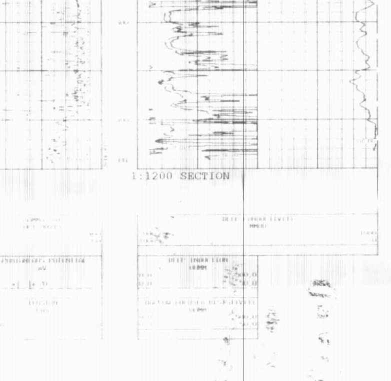
	Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Units
Io	33495.0	48854.1	0.0	2030.0	mA
Vo	33541.4	48450.4	0.0	1750.0	mA
Vm	33800.0	56049.2	0.0	175.0	mV
Equivalent SFL				43.97	OHMM

Performed : 09 Mar 2010 Time : 10:57
Sensor Suite : TSP ID : PIT-BA-20

Internal

Measured Zero	Measured Reference	Calibrated Zero	Calibrated Reference	Units
32904.7	58952.0	0.0	1000.0	mV

1:1200 SECTION



1:1200 SECTION