22432

Tucker
WIRELINE SERVICES

DUAL INDUCTION RESISTIVITY LOG

...NTIAL

till 11/22/11

RECEIVED
NOV 22 2010
Mo Oil & Gas Council

File No. : TCL-55037
Company : RUNNING FOXES PETROLEUM INC.
Well : STONER #13-6B-4
Field :
County : VERNON
State : MISSOURI
Country : U.S.A.

Location : PERMIT: 22432
620' FSL & 495' FWL

Sect : 06 Twp : 36N Rge : 33W

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

Date : MAY 25 2010
Run No. : 1

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

Depth--Driller : 462.0 FT
Depth--Logger : 460.0 FT
Bottom Log Interval : [illegible] FT
Top Log Interval : [illegible] FT

Casing Depth--Driller: [illegible] FT
Casing Depth--Logger : [illegible] FT
Casing Diameter : 7.000 IN

Bit Size [illegible] IN
Unit No. TRK 123
Location TULSA

Elevations :
KB : FT
DF : FT
GL : 901.00 FT

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 recommendation 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 : 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 80 F
RM at BHT : 9.660 OHMM at 83 F

RMF Source : CALCULATED
RMF : 8.500 OHMM at 80 F
RMF at BHT : 8.210 OHMM at 83 F

RMC Source : CALCULATED
RMC : 11.500 OHMM at 80 F
RMC at BHT : 11.110 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	20.00

- Comments -

ALL PRESENTATIONS AS PER CLIENTS REQUEST.

GRT, CNT, LDT, AND PIT RUN IN COMBINATION.
CALIPER ORIENTED IN THE X AXIS.
[illegible] USED TO CALCULATE POROSITY.
ANNULAR HOLE VOLUME CALCULATED USING 2.875" PRODUCTION CASING.

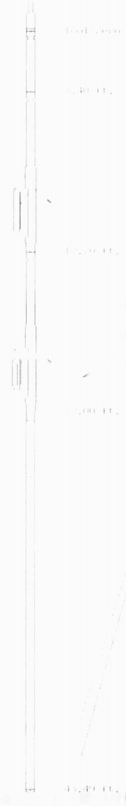
GR: GR.
CN: PHIN, PHINLS, CCNIN.
LD: PEL, PHILLS, LDRN, PECLN, LDENN, CLLDIN.
FIT: ILD, ILM, CIRD, SFLAEC, SPU.

REMARKS:
1. [illegible]

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	233.00 lbs.



Tool: GRTB **Length:** 4.40 ft. **O.D.:** 3.00 in.
Sonde ID : [illegible]

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

Tool: CNT **Length:** 9.30 ft. **O.D.:** 3.50 in.
Sonde ID : [illegible]
Source ID : [illegible]
Pad ID : [illegible]

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CNTH	9.40	5.00	34.09
PHIN	10.[illegible]	[illegible]	33.[illegible]

Tool: CDDNS **Length:** 8.30 ft. **O.D.:** 4.80 in.
Sonde ID : [illegible]
Source ID : [illegible]
Pad ID : [illegible]

Measure Point	Stack Offset	Tool Offset	Bottom Offset
CLLD	18.70	5.00	24.79
PE	19.70	6.00	23.79
PES	20.10	6.40	23.39
LDEN	19.70	6.00	23.79
[illegible]	[illegible]	[illegible]	[illegible]

Tool: FIT **Length:** 21.49 ft. **O.D.:** 3.62 in.
Sonde ID : [illegible]

Measure Point	Stack Offset	Tool Offset	Bottom Offset
ILD	30.93	8.93	12.56
ILM	32.10	10.10	11.39
SFLU	39.49	17.49	4.00
SP	43.[illegible]	[illegible]	0.00

TENSION
LBS
10000 0

SPONTANEOUS POTENTIAL
mV
→| |← 20

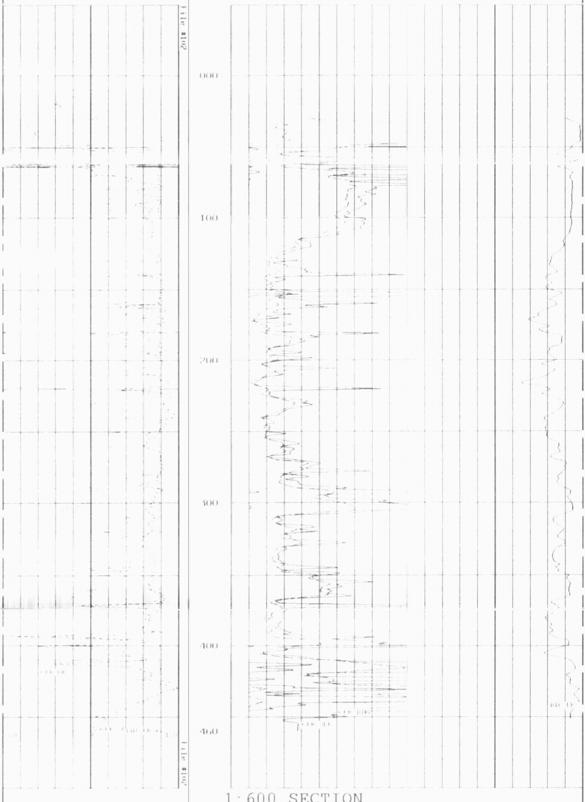
GAMMA RAY
API UNITS
200 400
0 200

SHALLOW FOCUSED RESISTIVITY
OHMM
0.0 500.0
0.0 50.0

DEEP INDUCTION
OHMM
0.0 500.0
0.0 50.0

DEEP CONDUCTIVITY
MMHO
2000 1000
1000 0

1:600 SECTION



1:600 SECTION

GAMMA RAY
API UNITS
200 400
0 200

SPONTANEOUS POTENTIAL
mV
+| |← 20

TENSION
LBS
10000 0

DEEP CONDUCTIVITY
MMHO
2000 1000
1000 0

DEEP INDUCTION
OHMM
0.0 500.0
0.0 50.0

SHALLOW FOCUSED RESISTIVITY
OHMM
0.0 500.0
0.0 50.0

TENSION
LBS
10000 0

SPONTANEOUS POTENTIAL
mV
|← 20

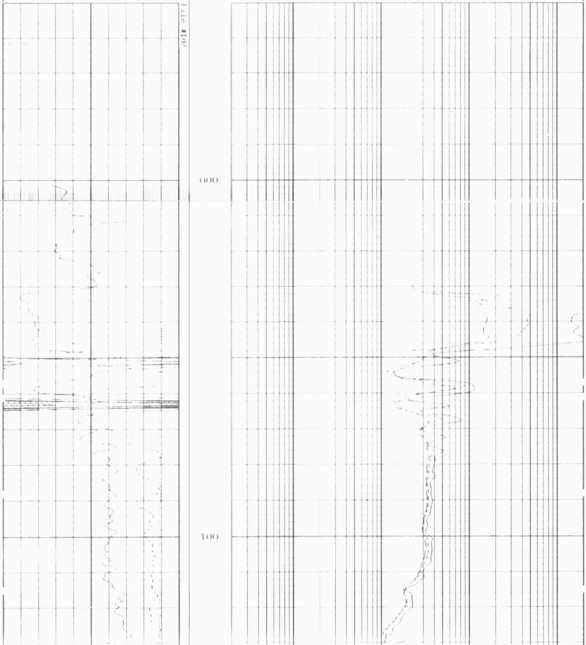
GAMMA RAY
API UNITS
200 400
0 200

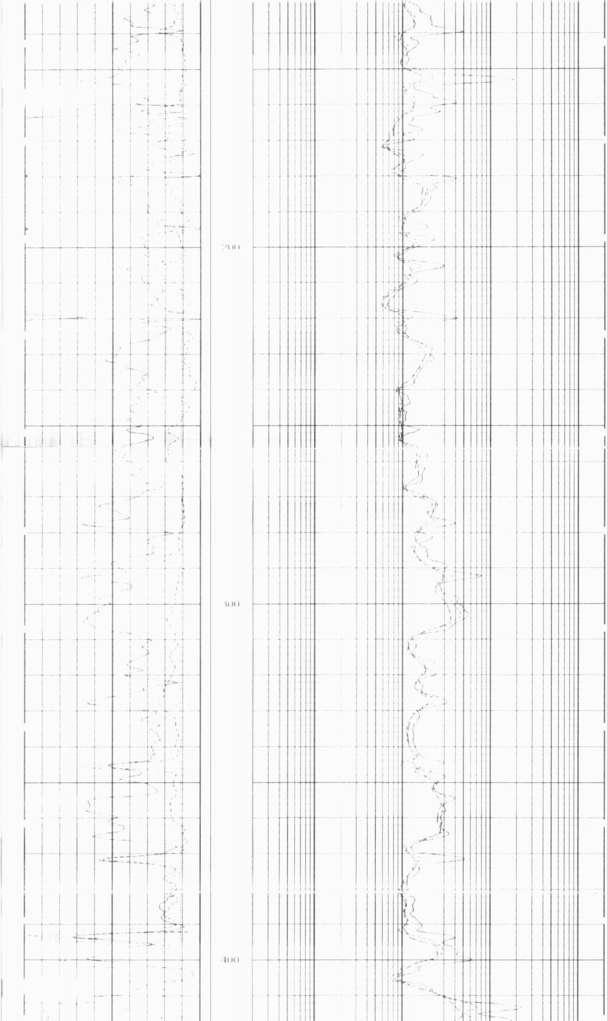
SHALLOW FOCUSED RESISTIVITY
OHMM
0.2 2000.0

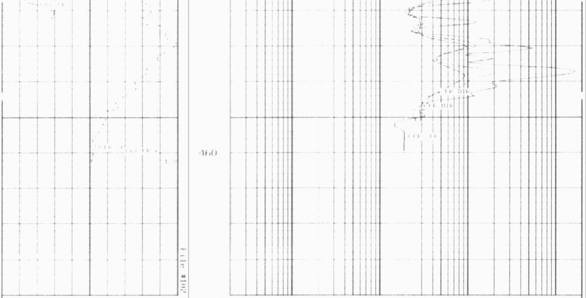
MEDIUM INDUCTION
OHMM
0.2 2000.0

DEEP INDUCTION
OHMM
0.2 2000.0

1:240 MAIN SECTION







1:240 MAIN SECTION

GAMMA RAY API UNITS	DEEP INDUCTION OHMM
200 400 0 200	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

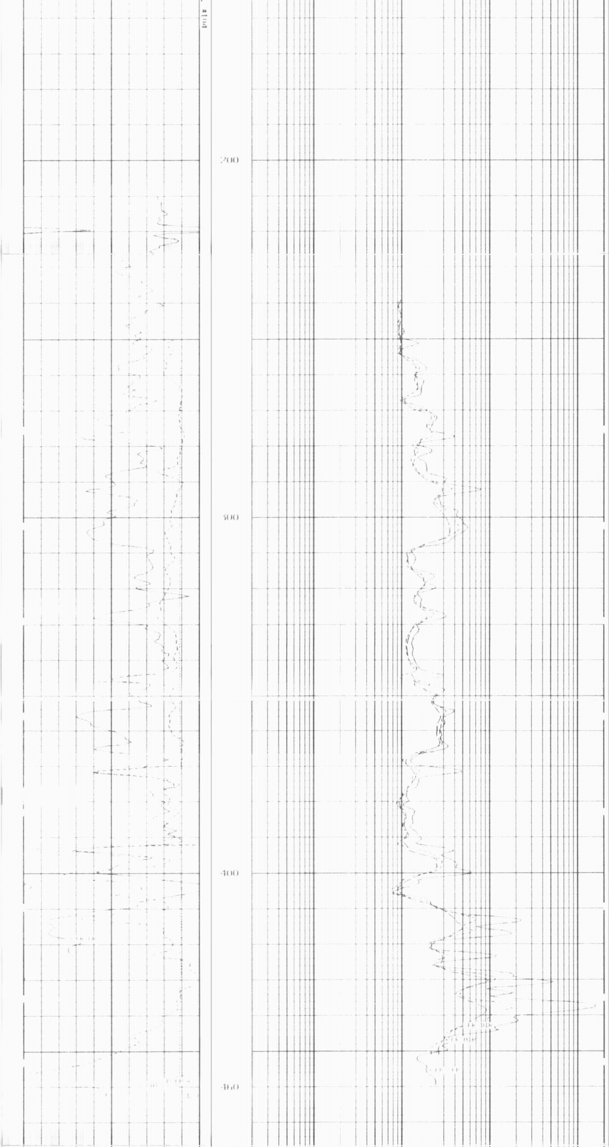
* Borehole Zone Factors *

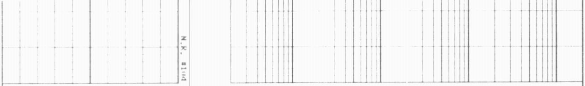
Zone 1 9999.0 to 0.0 F

Drill Bit Size	6.125	IN
TVD Depth	100.000	F
Borehole Temperature	75.00	DEGF
Temperature Gradient	1.00	DEGF
Resistivity Of Mud	10.00	OHMM
Resistivity Of Mud Temperature	75.00	DEGF

TENSION LBS	SHALLOW FOCUSED RESISTIVITY OHMM
10000 0	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	[illegible]	F
Borehole Temperature	[illegible]	DEGF
Temperature Gradient	1.00	[illegible]
Resistivity of Mud	[illegible]	OHMM
Resistivity Of Mud Temperature	[illegible]	DEGF

* Calibration Summary *

Shop Calibration
GRTB

Performed : [illegible] Time : 11:[illegible]
Service Sonde : [illegible] ID : [illegible]

	Measured Background	Tip	Unit	Calibrated	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	GAPI

Shop Calibration
PIT B

Performed : [illegible] Time : 11:[illegible]
Service Sonde : [illegible] ID : PIT B[illegible]

Medium

	Measured R	X	Calibrated R	X	Units
Air	[illegible]	[illegible]	0.1	0.1	MMHOS
Zero	[illegible]	[illegible]	0.0	0.0	MMHOS
Precalibrate	[illegible]	[illegible]	5000.0	5000.0	MMHOS
Loop	[illegible]	[illegible]	[illegible]	[illegible]	MMHOS
Sonde Error			0.1	1.7	MMHOS
Total			5000.0	5000.0	MMHOS

Deep

	Measured R	X	Calibrated R	X	Units
Air	[illegible]	[illegible]	0.1	0.0	MMHOS
Zero	[illegible]	[illegible]	0.0	0.0	MMHOS
Precalibrate	[illegible]	[illegible]	5000.0	5000.0	MMHOS
Loop	[illegible]	[illegible]	[illegible]	[illegible]	MMHOS
Sonde Error			1.7	4.4	MMHOS
Total			5000.0	5000.0	MMHOS

Temperature

Measured Low	High	Calibrated Low	High	Units
[illegible]	[illegible]	[illegible]	[illegible]	DEGF

Performed : [illegible] Time : 11:[illegible]
Service Sonde : [illegible] ID : PIT B[illegible]

Internal

	Measured Zero	Reference	Calibrated Zero	Reference	Units
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	mm
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	mm
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	mV
[illegible]				[illegible]	OHMM

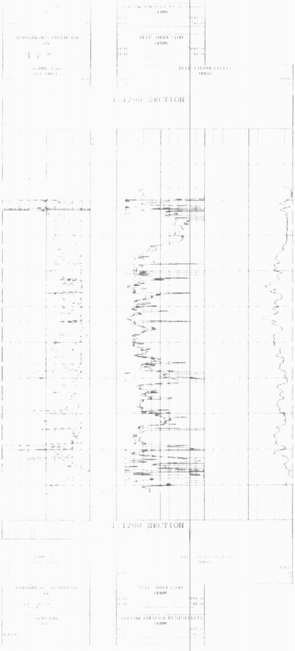
Performed : 03 Mar 2010   Time : 10:50
[illegible] : [illegible]   ID : [illegible]

Internal

	Measured		Calibrated		
	Zero	Reference	Zero	Reference	Unit
	[illegible]	[illegible]	0,0	1000,0	mV

Performed : 07 Jan 2010   Time : 13:36
[illegible] : [illegible]   ID : [illegible]

Internal

	Measured		Calibrated		
	Zero	Reference	Zero	Reference	Unit
[illegible]	0,0	[illegible]	0,0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	0,0	[illegible]	mV
Equivalent Rm				[illegible]	OHMM