DUAL INDUCTION RESISTIVITY LOG

Tucker WIRELINE SERVICES

CONFIDENTIAL

RECEIVED NOV 22 2010 Mo Oil & Gas Council

File No. :	TUL-56611
Company :	RUNNING FOXES PETROLEUM, INC
Well :	EMMERSON #12-6A-2
Field :	
County :	VERNON
State :	MISSOURI
Country :	USA
Location :	PERMIT #22590 2310' FSL & 860' FWL
	Sect : 06 Twp : 36N Rge : 33W
Recorded By :	R. FRANKLIN
Witnessed By :	C. COUNTS

Date : OCT 13 2010		
Run No. : 1		
Permanent Datum :	GL	
Drilling Measured From :	GL	
Log Measured From :	GL	
Above Permanent Datum :	0.000	FT
Depth--Driller :	436.0	FT
Depth--Logger :	435.0	FT
Bottom Log Interval :	434.0	FT
Top Log Interval :	20.0	FT
Casing Depth--Driller :	20.0	FT
Casing Depth--Logger :	20.0	FT
Casing Diameter :	8.625	IN
Bit Size :	6.125	IN
Unit No. :	123	
Location :	TULSA	

Elevations :

KB :		FT
DF :		FT
GL :	874.00	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 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	63.0	FT		
Fluid Type In Hole :	FRESH / NATIVE			
Density :	0.000	SG		
Viscosity :	0.000	SEC		
pH :	0.000			
Fluid Loss :	0.000			
Salinity :	0.000	KPPM		
RM Source :	MEASURED			
RM :	10.000	OHMM at	60	F
RM at BHT :	8.370	OHMM at	73	F
RMF Source :	CALCULATED			
RMF :	8.500	OHMM at	60	F
RMF at BHT :	7.110	OHMM at	73	F
RMC Source :	CALCULATED			
RMC :	11.500	OHMM at	60	F
RMC at BHT :	9.620	OHMM at	73	F
Max Recorded Temp. :			73	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)
8.625	32.00	20.00

- Comments -

ALL PRESENTATIONS AS PER CUSTOMER REQUEST.

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

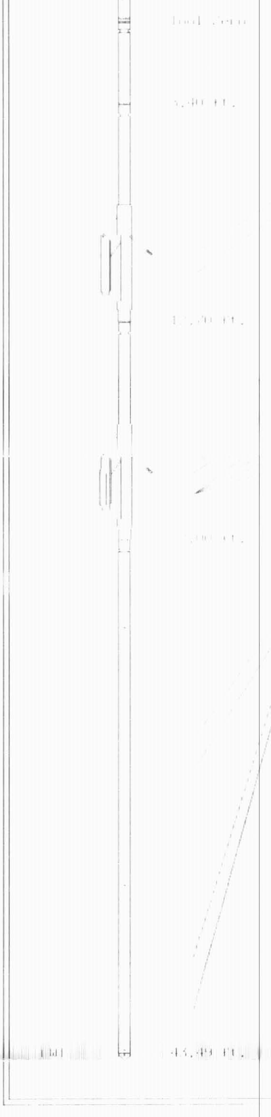
GRT: GRP.
CNT: PHIN, CLCDIN.
LDT: PORL, LCOR, PECLN, CLLDIN, LDENN, PORLLS, PECSN.
PIT: ILD, ILM, CIRD, SFLA, SPU.
MINERAL VOLUME: VM1, VM3.

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 433.00 lbs.



Tool Zero

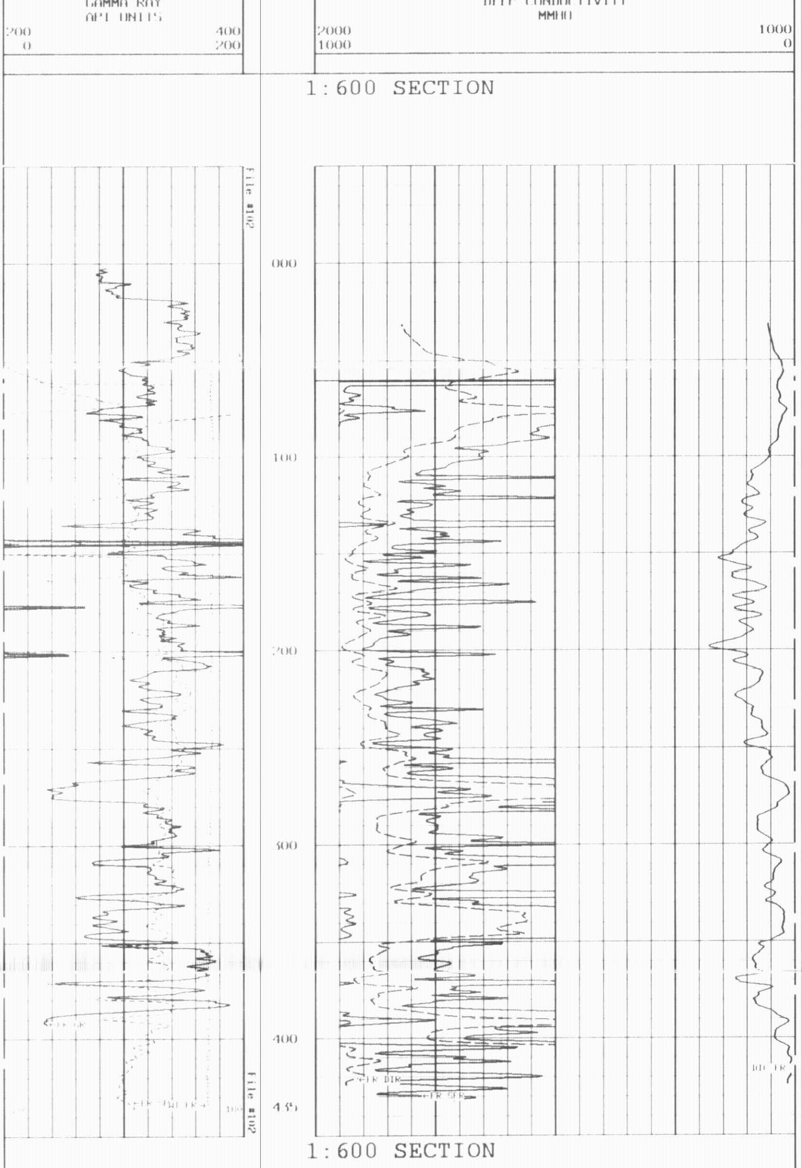
43.49 ft.

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
SPONTANEOUS POTENTIAL mV	→ ← 20	
GAMMA RAY API UNITS	200 / 0	400 / 200

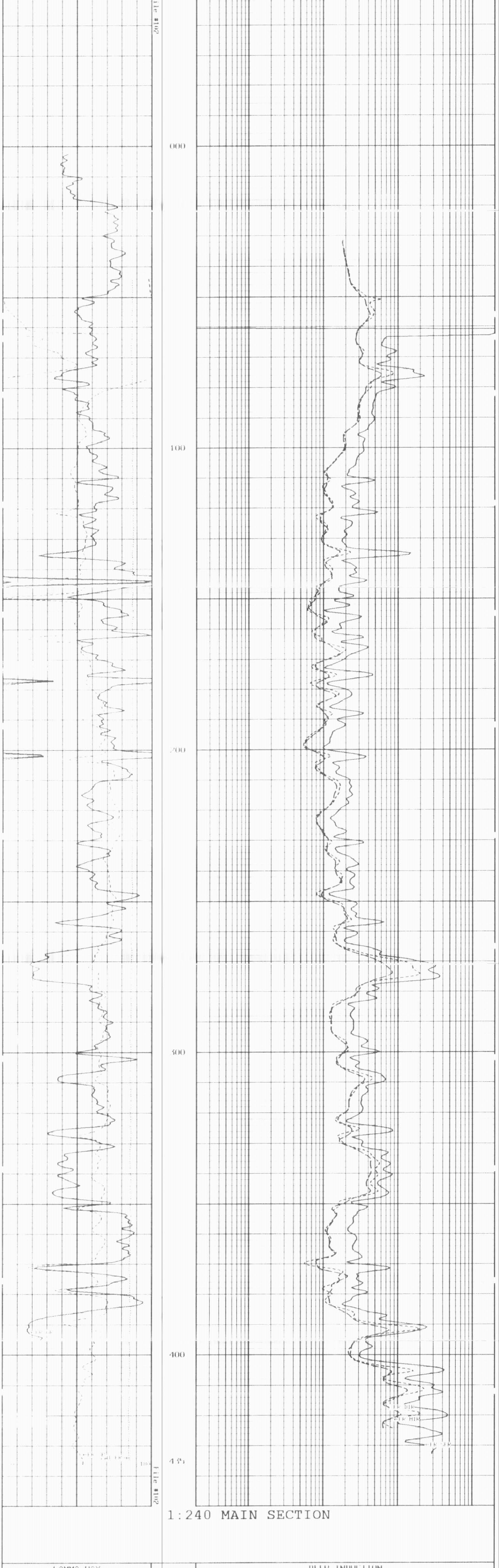
SHALLOW FOCUSED RESISTIVITY OHMM	0.0 / 0.0	500.0 / 50.0
DEEP INDUCTION OHMM	0.0 / 0.0	500.0 / 50.0
DEEP CONDUCTIVITY MMHO	2000 / 1000	1000 / 0

1:600 SECTION



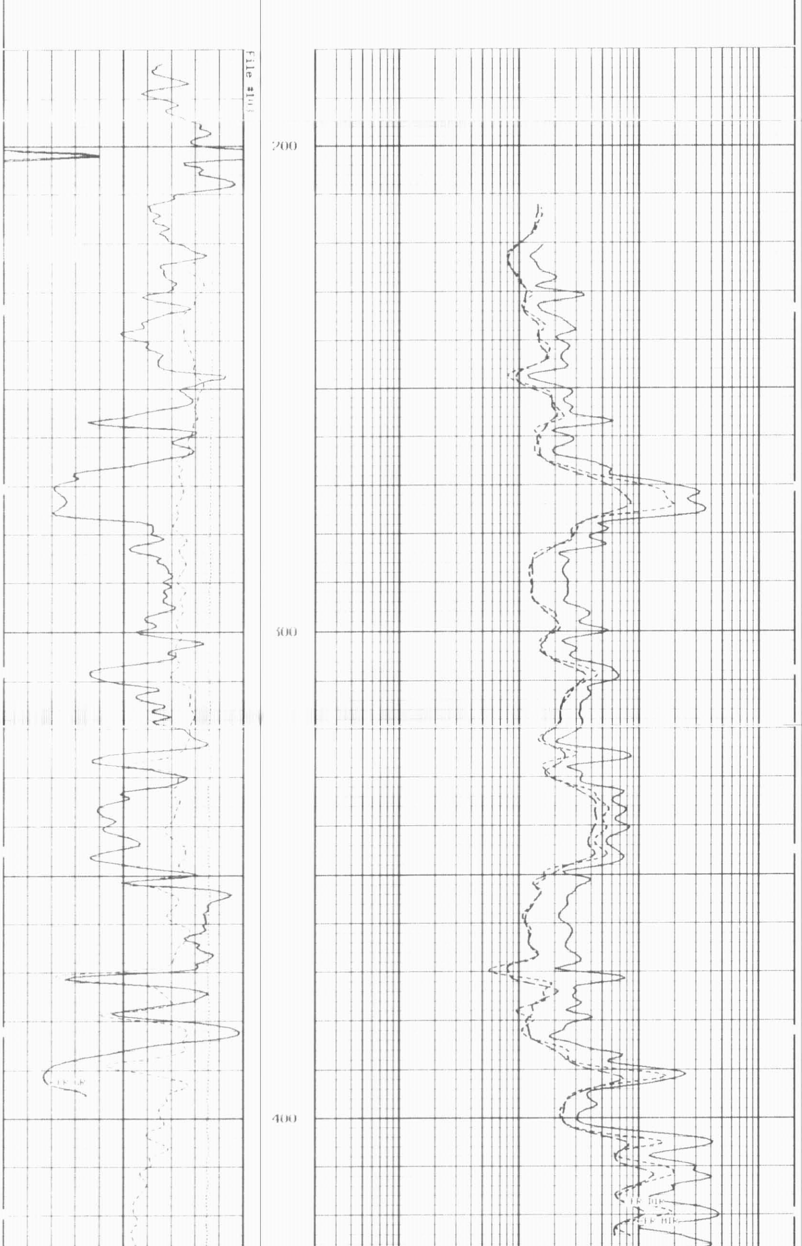
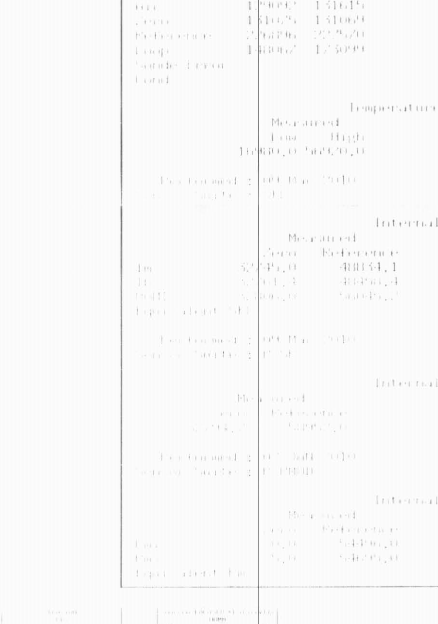
1:600 SECTION

1:240 MAIN SECTION



1:240 MAIN SECTION

1:240 REPEAT SECTION



1:240 REPEAT SECTION