CONFIDENTIAL

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Mackerel 5-6H

Rimfire Energy Mackerel

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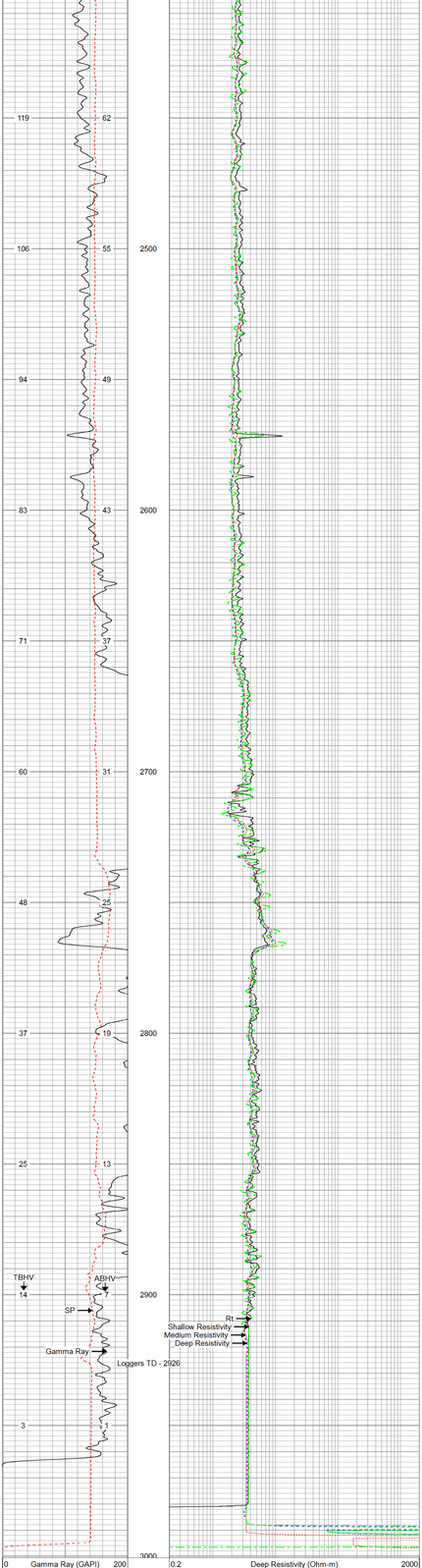
Vertical Log Analysis Package Summary

100/16-07-079-17W6/0

Formation	Depth (m)	Stratigraphy	Petrophysical Properties	Log Suite(s)	Core Data	Notes
			Lithology Log	Gamma Ray, Caliper	None	Primary lithology identification
Surface Casing	0.00		Lithology Log	Gamma Ray, Caliper	None	Primary lithology identification
	0.00



Calibration Report

Database File: C:\Warrior\Data\Augustus Energy Resources,LLC_McConnell 21-23 4N47W_0512512120_20141(
Dataset Pathname: pass3
Dataset Creation: Fri Oct 10 01:29:15 2014 by Log Open-Cased 110302

Dual Induction Calibration Report

Serial-Model: 1010-PSI
Surface Cal Performed:

Loop:	Readings Air	Readings Loop	References Air	References Loop		Results m	Results b
Deep	0.000	1.000	0.000	1.000	mmho/m	0.550	-33.000
Medium	0.000	1.000	0.000	1.000	mmho/m	0.480	-27.000

Compensated Density Calibration Report

Serial-Model: 771-PSI
Master Calibration Performed: Wed Aug 20 14:19:31 2014

Master Calibration

	Density		Far Detector	Near Detector
Magnesium	1.750	g/cc	6323.60	8557.33 cps
Aluminum	2.690	g/cc	1148.13	5455.46 cps

	Size	Reading
Small Ring	in	
Medium Ring	in	
Large Ring	in	

Compensated Neutron Calibration Report

Serial Number: 853
Tool Model: PSI

CALIBRATION

Detector	Readings		Target		Normalization
Short Space	1.00	cps	1.00	cps	1.9000
Long Space	1.00	cps	1.00	cps	1.9200

PRE-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	
3)	Short Space	cps		
	Long Space	cps	pu	

POST-SURVEY VERIFICATION

	Detector	Readings	Measured	Target
1)	Short Space	cps		
	Long Space	cps	pu	pu
2)	Short Space	cps		
	Long Space	cps	pu	pu
3)	Short Space	cps		
	Long Space	cps	pu	pu

Gamma Ray Calibration Report

Serial Number: 43
Tool Model: PSI
Performed: Tue Oct 18 17:42:20 2011

Calibrator Value: 275.0 GAPI

Background Reading: 32.0 cps
Calibrator Reading: 340.0 cps

Sensitivity: 0.6000 GAPI/cps

Log Variables

Database:C:\Warrior\Data\Augustus Energy Resources,LLC_McConnell 21-23 4N47V
Dataset: field/well/run1/pass3

Top - Bottom

SZCOR	NPORSEL	FLUIDDEN g/cc	MATRXDEN g/cc	SPSHIFT mV	SNDERRM mmho/m	SNDERR mmho/m
On	Limestone	1	2.71	22	0	0

CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
4.5	0	0	109	6.25