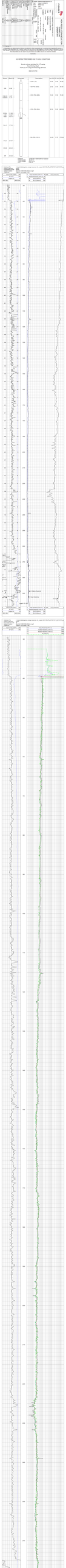
Client: Origin Energy Resources Ltd
Well: Roma North 3
Field: Roma
Basin: Surat
Permit: PL 1(A)
Location: Lat 26°32'30.00"S Long 148°48'30.00"E
Elevation: KB 316.0 m AHD
Spud Date: 19-Jun-2013
Logging Date: 20-Jun-2013
Reference Log: Schlumberger Compensated Neutron Formation Density Log
Run No: One
Depth Driller: 1,000 m
Depth Logger: 1,000 m
Bottom Logged Interval: 1,000 m
Top Logged Interval: 100 m
Casing Driller: 9.625 in @ 100 m
Casing Logger: 100 m
Bit Size: 8.5 in
Type Fluid in Hole: Water Based Mud
Density: 1.10 g/cm3
Viscosity: 50 s
Fluid Loss: 6.0 cc
Source of Sample: Flowline
Rm @ Measured Temp: 0.08 @ 20 °C
Rmf @ Measured Temp: 0.06 @ 20 °C
Rmc @ Measured Temp: 0.11 @ 20 °C
Rm @ BHT: 0.04 @ 60 °C
Time Since Circulation: 4 hrs
Max Recorded Temp: 60 °C
Equipment Number: 8
Location: Roma
Recorded By: Matthew Hall
Witnessed By: Company Representative
Schlumberger
Compensated Neutron Formation Density Log
Roma North 3
Roma
Surat
PL 1(A)
Origin Energy Resources Ltd
Lat 26°32'30.00"S Long 148°48'30.00"E
Permanent Datum: Ground Level (GL)
Elevation: 316.0 m AHD
Log Measured From: Kelly Bushing 316.0 m Above Permanent Datum
Drilling Measured From: Kelly Bushing
Elevation: KB 316.0 m
DF 315.0 m
GL 316.0 m
Date: 20-Jun-2013
Run No: One
Depth Driller: 1,000 m
Depth Logger: 1,000 m
Bottom Logged Interval: 1,000 m
Top Logged Interval: 100 m
Casing Driller: 9.625 in @ 100 m
Casing Logger: 100 m
Bit Size: 8.5 in
Type Fluid in Hole: Water Based Mud
Density: 1.10 g/cm3
Viscosity: 50 s
Fluid Loss: 6.0 cc
Source of Sample: Flowline
Rm @ Measured Temp: 0.08 @ 20 °C
Rmf @ Measured Temp: 0.06 @ 20 °C
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Roma North 3
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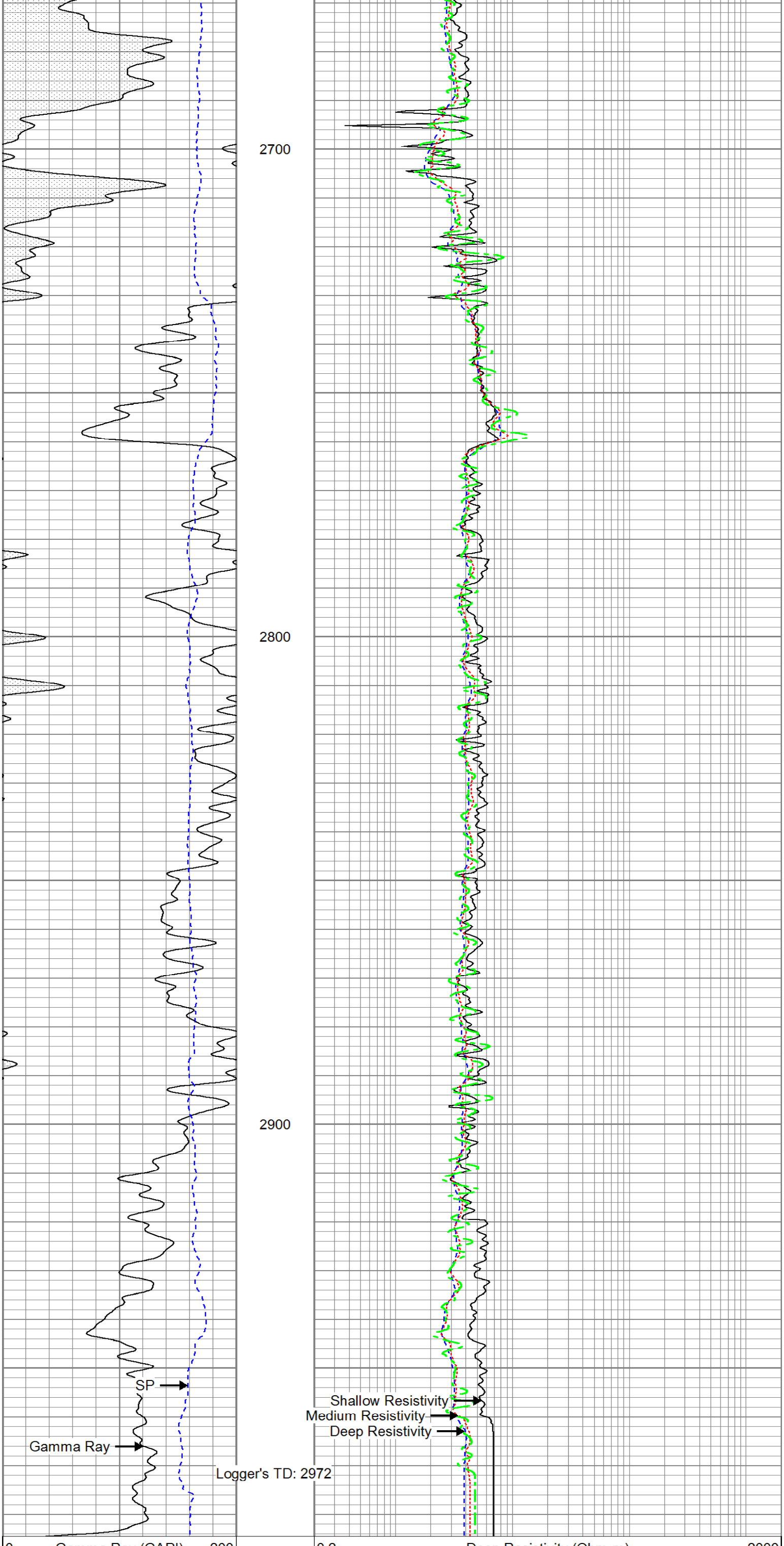
Elevation: 316.0 m AHD
Log Measured From: Kelly Bushing 316.0 m Above Permanent Datum
Drilling Measured From: Kelly Bushing
Elevation: KB 316.0 m
DF 315.0 m
GL 316.0 m
Date: 20-Jun-2013



Calibration Report

Database File: C:\Warrior\Data\Agustus Energy Resources, LLC_ Cooper 24-34 54N47W_0512512119_2014101
Dataset Pathname: pass1
Dataset Creation: Sun Oct 19 09:32:11 2014 by Log 0

Dual Induction Calibration Report

Serial-Model: 1011-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	0.520	-28.000
Medium	0.000	1.000	0.000	1.000	mmho/m	0.450	-29.000

Compensated Density Calibration Report

Serial-Model: 934-PSI
Master Calibration Performed: Wed Jun 04 12:14:34 2014

Master Calibration

	Density		Far Detector	Near Detector	
Magnesium	1.750	g/cc	4883.27	3645.80	cps
Aluminum	2.690	g/cc	915.83	2377.06	cps

	Size		Reading
Small Ring		in	
Medium Ring		in	
Large Ring		in	

Compensated Neutron Calibration Report

Serial Number: 826
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	2.0900

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: 939
Tool Model: PSI
Performed: Mon Oct 13 20:59:05 2014

Calibrator Value: 1.0 GAPI

Background Reading: 0.0 cps
Calibrator Reading: 1.0 cps

Sensitivity: 0.6300 GAPI/cps

Log Variables

Database:C:\Warrior\Data\Agustus Energy Resources, LLC_ Cooper 24-34 54N47W_
Dataset: field/well/run1/pass2

Top - Bottom

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

SRFTEMP degF	CASEOD in	PERFS	TDEPTH ft	BOTTEMP degF	BOREID in
0	4.5	0	0	105	6.25