MV Geophysical

Company	Florida Design Drilling Corp.
Well	DZMW
Field	ORLANDO
County	ORANGE
State/Prv	Florida

X-Y CALIPER GAMMA RAY LOG

Company	Florida Design Drilling Corp.
Well	DZMW
Field	ORLANDO
County	ORANGE
State/Prv	Florida
Location	ORLANDO UTILITIES COMMISSION SOUTHEAST MONITORING WELLS 13990 NARCOOSSEE RD.-ARCADIS
Permanent Datum	Elevation
Log Measured From	Above Permanent Datum
Drilling Measured From	Ground Level
Elevation	K.B.
	D.F.
	G.L.
Other Services	NONE

Date	2010-08
Run Number	1
Depth Driller	1215
Depth Logger	1215
Depth Logged Interval	1215
Top Log Interval	0
Bottom Log Interval	1215
Casing Driller Size at Depth	24" @ 40'
Casing Logger Size at Depth	24" @ 40'
Bit Size	17.5"
Type Fluid in Hole	WATER
Density / Viscosity	8.4 / 28
PH / Fluid Loss	7.5 / NA
Source of Sample	PUMPED
Rm @ Measured Temp	0.5 @ 70
Rmf @ Measured Temp	NA
Rmc @ Measured Temp	NA
Source: Rmf / Rmc	MEAS / MEAS
Rm @ BHT	0.5 @ 70
Time Since Circulation	24
Time Logger on Bottom	9:45
Equipment Number	9-1-2010
Location	MONT
Recorded By	B. SAUER
Witnessed By	ARCADIS

Run Number	1	2	3
Bit Size	17.5"		
Type Fluid in Hole	WATER		
Density / Viscosity	8.4 / 28		
PH / Fluid Loss	7.5 / NA		
Source of Sample	PUMPED		
Rm @ Measured Temp	0.5 @ 70		
Rmf @ Measured Temp	NA		
Rmc @ Measured Temp	NA		
Source: Rmf / Rmc	MEAS / MEAS		
Rm @ BHT	0.5 @ 70		
Time Since Circulation	24		
Time Logger on Bottom	9:45		
Equipment Number	9-1-2010		
Location	MONT		
Recorded By	B. SAUER		
Witnessed By	ARCADIS		

Run Number	1	2	3
Bit Size	17.5"		
Type Fluid in Hole	WATER		
Density / Viscosity	8.4 / 28		
PH / Fluid Loss	7.5 / NA		
Source of Sample	PUMPED		
Rm @ Measured Temp	0.5 @ 70		
Rmf @ Measured Temp	NA		
Rmc @ Measured Temp	NA		
Source: Rmf / Rmc	MEAS / MEAS		
Rm @ BHT	0.5 @ 70		
Time Since Circulation	24		
Time Logger on Bottom	9:45		
Equipment Number	9-1-2010		
Location	MONT		
Recorded By	B. SAUER		
Witnessed By	ARCADIS		

	Run Number	Bit Size	Type Fluid in Hole	Density / Viscosity	PH / Fluid Loss	Source of Sample	Rm @ Measured Temp	Rmf @ Measured Temp	Rmc @ Measured Temp	Source: Rmf / Rmc	Rm @ BHT	Time Since Circulation	Time Logger on Bottom	Equipment Number	Location	Recorded By	Witnessed By
Casing Record	1	17.5"	WATER	8.4 / 28	7.5 / NA	PUMPED	0.5 @ 70	NA	NA	MEAS / MEAS	0.5 @ 70	24	9:45	9-1-2010	MONT	B. SAUER	ARCADIS
Surface String	2																
Production String	3																
Liner																	

Casing Record	Size	Weight	Grade	Top	Bottom	Type
Surface String	24"	94.0 lb/ft	H-40	Surface	40'	
Production String						
Liner						

Tubing Record	Size	Weight	Grade	Top	Bottom
	2"	4.7 lb/ft	J-55	Surface	40'

Remarks:	FWWWSZMW.db
	* Field Print **

Engineer	
Witness	

<<< Fold Here >>>

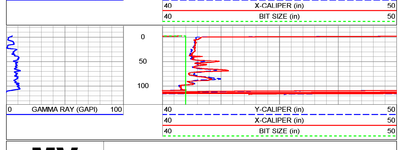
All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

MAXIMUM CALIPER ARM EXTENSION: 51"

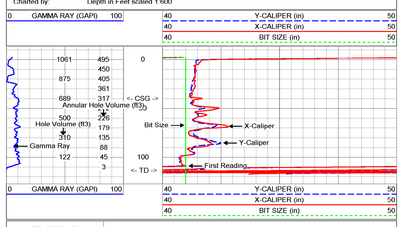
MAIN

Database File: fwwsdzmw.db
Dataset Pathname: main
Presentation Format: XY4050-1
Dataset Creation: Tue Aug 31 10:08:32 2010
Charted by: Depth in Feet scaled 1:1200



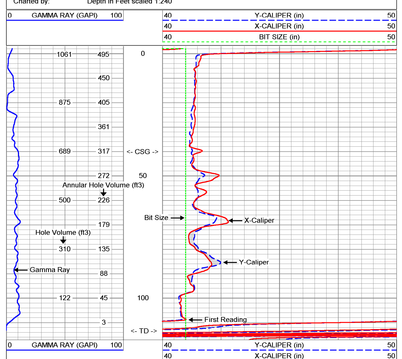
MAIN

Database File: fwwsdzmw.db
Dataset Pathname: main
Presentation Format: XY4050-5
Dataset Creation: Tue Aug 31 10:08:32 2010
Charted by: Depth in Feet scaled 1:600



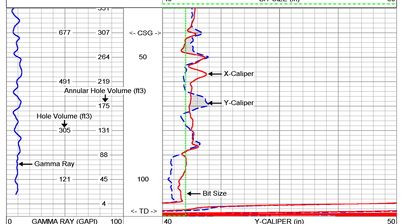
MAIN

Database File: fwwsdzmw.db
Dataset Pathname: main
Presentation Format: XY4050-5
Dataset Creation: Tue Aug 31 10:08:32 2010
Charted by: Depth in Feet scaled 1:240



REPEAT

Database File: fwwsdzmw.db
Dataset Pathname: repeat
Presentation Format: XY4050-5
Dataset Creation: Tue Aug 31 10:03:35 2010
Charted by: Depth in Feet scaled 1:240

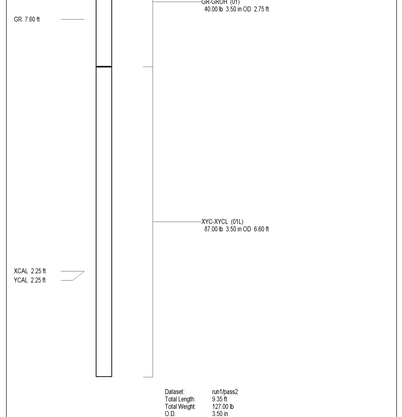


XY Caliper Calibration Report

Serial Number:	01L		
Tool Model:	XYCL		
Performed:	Tue Aug 31 09:48:21 2010		
Small Ring:	41.25	in	
Large Ring:	51	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	990	932	cps
Reading with Large Ring:	1134	1069	cps
Gain:	0.0677083	0.0711679	
Offset:	-25.7813	-25.0785	

Gamma Ray Calibration Report

Serial Number:	01	
Tool Model:	GROH	
Performed:	Wed Aug 25 21:52:11 2010	
Calibrator Value:	120	GAPI
Background Reading:	13.9613	cps
Calibrator Reading:	130.521	cps
Sensitivity:	1.02952	GAPI/cps



Dataset:	run1sbass2
Total Length:	9.35 ft
Total Weight:	127.00 lb
O.D.	3.50 in

MV Geophysical

Company	Florida Design Drilling Corp.
Well	DZMW
Field	ORLANDO
County	ORANGE
State/Prov	Florida
Country	USA
Location	SOUTHEAST MONITORING WELLS
	1000 NARCOOSSEE RD - ARCADIS
Elevation (Meters)	0.00
Log Measured From	TOP OF CASING
Log Measured From	0.00
Drilling Measured From	TOP OF CASING
Date	2010-Jun-14
Time	14:08:52
Run Number	1
Depth Reference	Depth in Feet
Log Type	Single Run
Log Direction	Down
Log Interval	0.00 - 20.00
Log Speed	0.00
Sample Rate	0.00
Tool Type	Gamma Ray
Tool Serial Number	0
Tool Length	0.00
Tool Diameter	0.00
Tool Weight	0.00
Tool Offset	0.00
Tool Calibration Date	2010-Jun-14
Tool Calibration Time	14:08:52
Tool Calibration Type	Gamma Ray
Tool Calibration Value	0.00
Tool Calibration Value	0.00
Tool Calibration Value	0.00

Company	Husky Energy Drilling Corp.
Well	10-08-048-02W5
Field	Chinook
Province	Alberta
Country	Canada
Other Services	
Permanent Datum	Ground Level
Log Measured From	Kelly Bushing
Drilling Measured From	Kelly Bushing
Elevation	1000 m
Elevation	1000 m
Elevation	1000 m
Elevation	1000 m
Date	2-Dec-2010
Run Number	ONE
Depth Driller	1700 m
Depth Logger	1700 m
Bottom Logged Interval	1700 m
Top Logged Interval	100 m
Casing Driller	100 m @ 100 m
Casing Logger	100 m
Bit Size	200 mm
Type Fluid in Hole	Water
Density	kg/m³
Viscosity	mPa.s
Fluid Loss	mL
Source of Sample	
Rm @ Measured Temp	ohmm @ 0 C
Rmf @ Measured Temp	ohmm @ 0 C
Rmc @ Measured Temp	ohmm @ 0 C
Rm @ BHT	ohmm @ 0 C
Rmf @ BHT	ohmm @ 0 C
Rmc @ BHT	ohmm @ 0 C
Max Recorded Temp	0 C
Equipment Number	
Location	
Recorded By	
Witnessed By	

MV Geophysical

Calgary, Alberta
Phone: (403) 262-5506
Fax: (403) 262-5507
Email: mv@mvgeophysical.com

Log Analysis
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Geological Services
Geophysical Services
Seismic Services
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Geomechanics
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Reservoir Simulation
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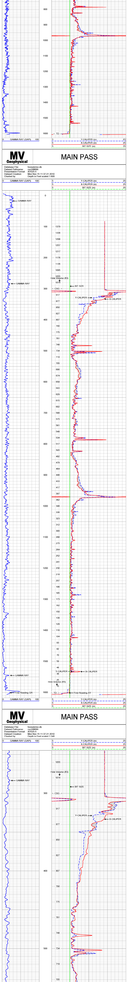
MAXIMUM DEVIATION 0.00 DEGREES AT 1700 M

PLAN NT 0.0 AZ 180

MAIN PASS

MV Geophysical
Company: husky energy drilling corp.
Well: 10-08-048-02W5
Field: chinook
Province: alberta
Country: canada
Date: Wed Dec 01 14:47:41 2010
Log Measured From: Kelly Bushing
Permanent Datum: Ground Level
Elevation: 1000 m
Elevation: 1000 m
Elevation: 1000 m
Elevation: 1000 m
Run Number: ONE
Depth Driller: 1700 m
Depth Logger: 1700 m
Bottom Logged Interval: 1700 m
Top Logged Interval: 100 m
Casing Driller: 100 m @ 100 m
Casing Logger: 100 m
Bit Size: 200 mm
Type Fluid in Hole: Water
Density: kg/m³
Viscosity: mPa.s
Fluid Loss: mL
Source of Sample:
Rm @ Measured Temp: ohmm @ 0 C
Rmf @ Measured Temp: ohmm @ 0 C
Rmc @ Measured Temp: ohmm @ 0 C
Rm @ BHT: ohmm @ 0 C
Rmf @ BHT: ohmm @ 0 C
Rmc @ BHT: ohmm @ 0 C
Max Recorded Temp: 0 C
Equipment Number:
Location:
Recorded By:
Witnessed By:


CASING 100.0
CASING 100.0
CASING 100.0

Company	Chevron Energy Drilling Corp.
Well	Tiger Shark
Field	Gulf of Mexico
County	Offshore
State	Offshore
Country	Offshore
Other Services	Dual Induction Focused Log, Sonic Digitized Log, Compensated Neutron Formation Density Log, Cement Bond Log, Variable Density Log, Gamma Ray, Casing Collar Locator, Cement Evaluation Tool
Permanent Datum	Rotary Table
Log Measured From	Rotary Table
Drilling Measured From	Rotary Table
Elevation	0 ft
Elevation	0 ft
Elevation	0 ft
API Serial No.	0
Date	12-Jun-2012
Run Number	ONE
Depth Driller	10,000 ft
Depth Logger	10,000 ft
Bottom Log Interval	9,998 ft
Top Log Interval	9,000 ft
Casing Driller	9,000 ft @ 0 ft
Casing Logger	9,000 ft
Bit Size	8.500 in
Type Fluid in Hole	Oil Base Mud
Density	9.6 lb/gal
Viscosity	0 s
PH	0
Fluid Loss	0 cc
Source of Sample	Flowline
Rm @ Measured Temp	0.0 ohm-m @ 0 F
Rmf @ Measured Temp	0.0 ohm-m @ 0 F
Rmc @ Measured Temp	0.0 ohm-m @ 0 F
Rm @ BHT	0.0 ohm-m @ 0 F
Max Recorded Temperature	0 F
Equipment Number	0
Location	0
Recorded By	0
Witnessed By	0

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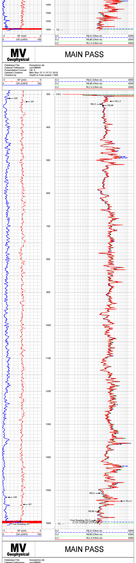
CONTAINS

Per = 0.285 ohm-m @ 77.7 degF

MAIN PASS

MV Geophysical
Company: Chevron Energy Drilling Corp.
Well: Tiger Shark
Field: Gulf of Mexico
Comments: Dual Induction Focused Log, Sonic Digitized Log, Compensated Neutron Formation Density Log, Cement Bond Log, Variable Density Log, Gamma Ray, Casing Collar Locator, Cement Evaluation Tool
Date: Run: 12-Jun-2012 ONE
Depth Driller: 10,000 ft
Depth Logger: 10,000 ft
Bottom Log Interval: 9,998 ft
Top Log Interval: 9,000 ft
Casing Driller: 9,000 ft @ 0 ft
Casing Logger: 9,000 ft
Bit Size: 8.500 in
Type Fluid in Hole: Oil Base Mud
Density: 9.6 lb/gal
Viscosity: 0 s
PH: 0
Fluid Loss: 0 cc
Source of Sample: Flowline
Rm @ Measured Temp: 0.0 ohm-m @ 0 F
Rmf @ Measured Temp: 0.0 ohm-m @ 0 F
Rmc @ Measured Temp: 0.0 ohm-m @ 0 F
Rm @ BHT: 0.0 ohm-m @ 0 F
Max Recorded Temperature: 0 F
Equipment Number: 0
Location: 0
Recorded By: 0
Witnessed By: 0


MAIN PASS
Gamma Ray
0 GAPI 150
Caliper
6 in 16 in
Bit Size
8 in 18 in
Resistivity
0.2 ohm-m 2000
Induction Medium
0.2 ohm-m 2000
Induction Deep
0.2 ohm-m 2000
Neutron Porosity
0.6 v/v -0.06
Density
1.95 g/cc 2.95
Delta Rho
-0.05 g/cc 0.45
Photoelectric Factor
0 b/e 10
Sonic Delta T
140 us/ft 40
Sonic Amplitude
0 mV 100
Cement Bond Index
0 v/v 1
Variable Density
0 v/v 1
Casing Collar Locator
0 v/v 1
Cement Evaluation Tool
0 v/v 1
9,000
9,100
9,200
9,300
9,400
9,500
9,600
9,700
9,800
9,900
10,000
Casing Shoe
Casing Shoe
Casing Shoe

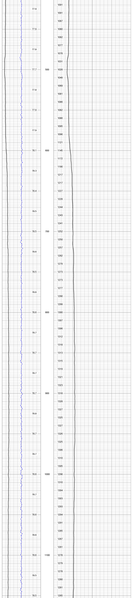
Client:	Florida Design Drilling Corp.
Project:	None
Location:	Miami
Hole No.:	B-1
Elevation:	0.00
Hammer:	Dynamic FCT Down Static FCT Down
Date:	10/26/2010
Operator:	Mike
Sounding No.:	1
Cone No.:	1
Cone Area:	10 cm²
Sleeve Area:	150 cm²
Max. Capacity:	100 bar
Max. Pressure:	100 bar
Max. Inclination:	10
Max. Speed:	2 cm/s
Max. Temperature:	50 °C
Cone Type:	Fugro
Filter Type:	Fugro
Filter Position:	Behind Friction Sleeve
Filter Saturation:	Saturated
Pore Pressure Correction:	Hydrostatic
Net Area Ratio:	0.8
Calibration Date:	10/26/2010
Calibration Type:	Pre-Test

MARCHETTI DILATOMETER TEST

THE INFORMATION PRESENTED HEREIN IS BASED ON DATA OBTAINED BY MARCHETTI DILATOMETER TEST EQUIPMENT AND ASSOCIATED TEST PROCEDURES. THE INTERPRETATION OF THE DATA IS BASED ON ACCEPTED ENGINEERING PRACTICE AND ASSUMES THAT THE EQUIPMENT WAS IN GOOD CONDITION AND THAT THE TEST WAS PERFORMED IN ACCORDANCE WITH ASTM STANDARD D6067. MARCHETTI DILATOMETER, INC. ASSUMES NO RESPONSIBILITY FOR THE INTERPRETATION OF THE DATA OR THE USE OF THE DATA FOR ANY PURPOSE.

STATIC and DYNAMIC test values only printed. Pump set @ 100
Pump Type: Fugro Type Pump
FLAT ROD TEST CALIBRATION: Released: 06-07-10 08:46
A0 = 0 bar
B0 = 1000.00
A1 = 0 bar
B1 = 1000.00
TEMPERATURE CALIBRATION: Released: 06-07-10 08:15
TEMP = 0 °C
A = 1.00
B = 0.00

Dynamic FCT Down


MV Geotechnical
Project: None
Location: Miami
Hole No.: B-1
Date: 10/26/2010
Operator: Mike
Sounding No.: 1
Cone No.: 1
Cone Area: 10 cm²
Sleeve Area: 150 cm²
Max. Capacity: 100 bar
Max. Pressure: 100 bar
Max. Inclination: 10
Max. Speed: 2 cm/s
Max. Temperature: 50 °C
Cone Type: Fugro
Filter Type: Fugro
Filter Position: Behind Friction Sleeve
Filter Saturation: Saturated
Pore Pressure Correction: Hydrostatic
Net Area Ratio: 0.8
Calibration Date: 10/26/2010
Calibration Type: Pre-Test
Pump Type: Fugro Type Pump
Pump Set @ 100
Pump Type: Fugro Type Pump
Pump Set @ 100
Pump Type: Fugro Type Pump
Pump Set @ 100

Company	Florida Geologic Survey Drilling Crew
Contractor	Cascade
Rig Type	Drill Rig
Hole Size	6.125
Drill Bit	Tricone
Drill Bit Type	Tricone
Drill Bit Serial Number	
Drill Bit Condition	
Drill Bit Nozzles	
Drill Bit Depth	
Drill Bit Hours	
Drill Bit Footage	
Drill Bit Rotary Hours	
Drill Bit Rotary Footage	
Drill Bit Rotary Speed	
Drill Bit Rotary Torque	
Drill Bit Rotary Power	
Drill Bit Rotary Pressure	
Drill Bit Rotary Temperature	
Drill Bit Rotary Vibration	
Drill Bit Rotary Noise	
Drill Bit Rotary Wear	
Drill Bit Rotary Condition	
Drill Bit Rotary Comments	
Drill Bit Rotary Operator	
Drill Bit Rotary Date	
Drill Bit Rotary Time	
Drill Bit Rotary Location	
Drill Bit Rotary Depth

Company:	Florida Design Drilling Corp.
Well:	5CB8-1
County:	Orange
State:	Florida
Country:	USA

MV Geophysical

Client:	Florida Design Drilling Corp.
Well:	5CB8-1
Field:	Orange
County:	Orange
State:	Florida
Country:	USA
Date:	2010/03/31
Time:	08:00:00
Depth Reference:	Rotary Table
Elevation:	0.00 m
Latitude:	28 Deg 32 Min 0.000 Sec N
Longitude:	081 Deg 22 Min 0.000 Sec W
Grid Zone:	NAD83 Florida East 0901
Grid Offset:	0.000 m
Grid Convergence:	0.000 Deg
Magnetic Declination:	-9.000 Deg
Total Correction:	-9.000 Deg
Magnetic Model:	WMM2010
Magnetic Field Strength:	0.000 nT
Dip Angle:	0.000 Deg
Date Magnetic Data:	2010/03/31
Magnetic Field Strength Used:	0.000 nT
Dip Angle Used:	0.000 Deg
Date Used:	2010/03/31
Comments:	

MV Geophysical

X-Y CALIPER
Gulf Coast
LCD

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Continued

MAXIMUM CALIPER ARM EXTENSION: 33"

PUMP SET @ ~82'

MAIN PASS

Calibration File: Temperature.db
Calibration Formula: 2010-03-31
Presentation Format: X-Y-Y-Z-G
Original Calibration: Mon Mar 29 08:16:11 2010
Original Creation: Mon Mar 29 08:16:11 2010
Created by: Mountain View Geophysical Services V 10.00

CAMMA RAY (CAPS) 100 | 0 | 7-CALIPER (in) 16 | 6-CALIPER (in) 16 | BIT SIZE (in) 16

CAMMA RAY

7-Caliper Data

MAIN PASS

Calibration File: Temperature.db
Calibration Formula: 2010-03-31
Presentation Format: X-Y-Y-Z-G
Original Calibration: Mon Mar 29 08:16:11 2010
Original Creation: Sun Apr 04 20:40:01 2010
Created by: Mountain View Geophysical Services V 10.00

CAMMA RAY (CAPS) 100 | 0 | 7-CALIPER (in) 16 | 6-CALIPER (in) 16 | BIT SIZE (in) 16

CAMMA RAY

6-CALIPER

7-CALIPER

Hole Volume (ft3)

Free Floating 6/7

MAIN PASS

Calibration File: Temperature.db
Calibration Formula: 2010-03-31
Presentation Format: X-Y-Y-Z-G
Original Calibration: Mon Mar 29 08:16:11 2010
Original Creation: Sun Apr 04 20:40:01 2010
Created by: Mountain View Geophysical Services V 10.00

CAMMA RAY (CAPS) 100 | 0 | 7-CALIPER (in) 16 | 6-CALIPER (in) 16 | BIT SIZE (in) 16

CAMMA RAY

6-CALIPER

7-CALIPER

Hole Volume (ft3)

Free Floating 6/7

REPEAT SECTION

Calibration File: Temperature.db
Calibration Formula: 2010-03-31
Presentation Format: X-Y-Y-Z-G
Original Calibration: Mon Mar 29 08:16:11 2010
Original Creation: Sun Apr 04 20:40:01 2010
Created by: Mountain View Geophysical Services V 10.00

CAMMA RAY (CAPS) 100 | 0 | 7-CALIPER (in) 16 | 6-CALIPER (in) 16 | BIT SIZE (in) 16

CAMMA RAY

6-CALIPER

7-CALIPER

Hole Volume (ft3)

Free Floating 6/7

7" Caliper Calibration Report

Serial Number	373		
Tool Model	LCD		
Performed	Mon Dec 20 08:35:46 2010		
Small Ring	7	in	
Large Ring	14	in	
	0 Caliper	1 Caliper	
Reading with Small Ring	600	615	cps
Reading with Large Ring	1200	1215	cps
Calibrator	CLIMROSE	CLIMROSE	
Operator	JOHN	JOHN	

Gamma Ray Calibration Report

Serial Number	373	
Tool Model	LCD	
Performed	Mon Dec 20 08:16:11 2010	
Calibrator Value	0	API
Background Reading	13.175	cps
Calibrator Reading	130.583	cps
Sensitivity	1.0218	CAPS/cps

Company	Florida Design Drilling Corp.
Well	02MW
Field	Orlando
County	Orange
State	Florida

MV Geophysical

DUAL INDUCTION LOG

Company	Florida Design Drilling Corp.
Well	02MW
Field	Orlando
County	Orange
State	Florida
Location	1000 FSL 1000 FEL
	SECTION 17 TOWNSHIP 22 S RANGE 29 E
Elev.	K.B. 0.00 m
	D.F. 0.00 m
	G.L. 0.00 m
Date	Mon Dec 20 10:02:24 2010
Run No.	One
Depth-Driller	1240
Depth-Logger	1240
Bottom Log Interval	1236
Top Log Interval	0.00
Casing - Driller	0.00 @ 0.00 m
Casing - Logger	0.00 @ 0.00 m
Bit Size	0.00 in
Type Fluid in Hole	Water
Density	0.00
Viscosity	0.00
Fluid Level	0.00 m
Max. Rec. Temp.	0.00 degC
Equipment	2
Location	Orlando
Recorded By	Jeff Dunn
Witnessed By	Mr. Bob Wilson

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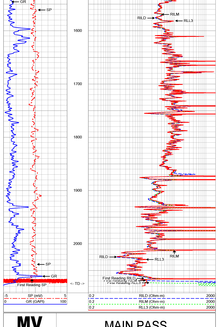
Comments

Rw = 9.000 ohm-m @ 77.2 degF (dynamic discharge - see FCT log)

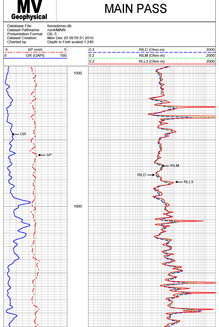
MAIN PASS

Database File: livesdemo db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Mon Dec 20 08:55:31 2010
Charted by: Depth in Feet scaled 1:500



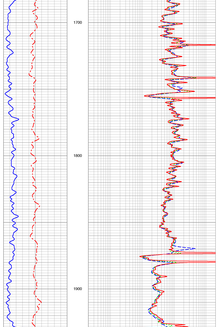
MAIN PASS

Database File: livesdemo db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Mon Dec 20 08:55:31 2010
Charted by: Depth in Feet scaled 1:600



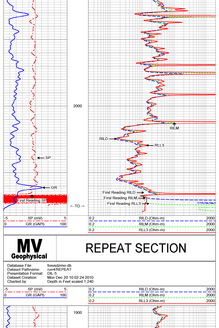
MAIN PASS

Database File: livesdemo db
Dataset Pathname: MAIN
Presentation Format: DIL
Dataset Creation: Mon Dec 20 08:55:31 2010
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: livesdemo db
Dataset Pathname: run4:REPEAT
Presentation Format: DIL
Dataset Creation: Mon Dec 20 10:02:24 2010
Charted by: Depth in Feet scaled 1:240



Dual Induction Calibration Report

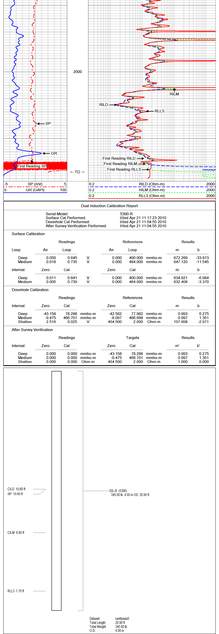
Serial Model: ESM-II
Surface Cal Performed: Wed Apr 21 11:12:23 2010
Downhole Calibration: Wed Apr 21 11:04:25 2010
After Survey Verification Performed: Wed Apr 21 11:04:25 2010

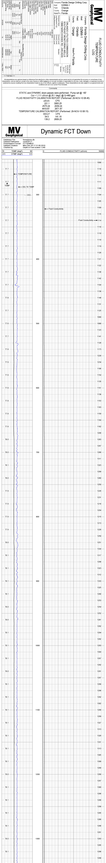
Surface Calibration

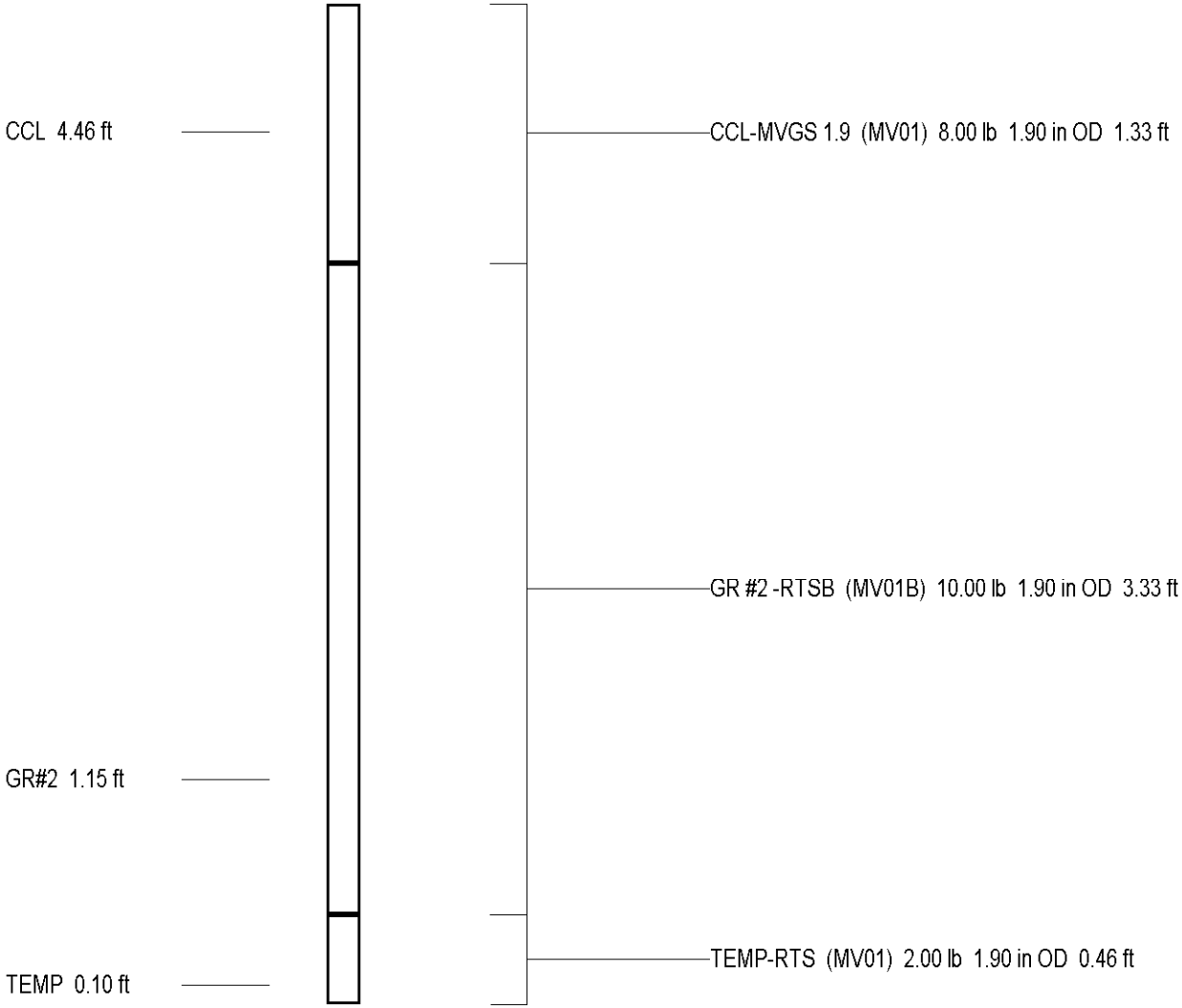
	Readings			References			Results	
Loop:	Air	Loop		Air	Loop		m	b
Deep	0.050	0.645	V	0.000	400.000	mmho-m	672.269	-33.613
Medium	0.000	0.730	V	0.000	400.000	mmho-m	547.520	-11.140
Internal:	Zero	Cal		Zero	Cal		m	
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.921	-6.984
Medium	0.005	0.730	V	0.000	400.000	mmho-m	547.400	-1.575

Downhole Calibration

	Readings			References			Results	
Internal	Zero	Cal		Zero	Cal		m	b
Deep	43.158	78.298	mmho-m	42.582	77.982	mmho-m	0.983	0.275
Medium	0.000	0.000	mmho-m	0.000	0.000	mmho-m	0.000	0.000
Shallow	2.516	6.025	V	404.500	2.000	Ohm-m	157.658	-2.571
After Survey Verification							Results	
Internal	Zero	Cal		Zero	Cal		m'	b'
Deep	0.000	0.000	mmho-m	43.158	78.298	mmho-m	0.983	0.275
Medium	0.000	0.000	mmho-m	0.475	480.000	mmho-m	0.992	1.501
Shallow	0.000	0.000	Ohm-m	404.500	2.000	Ohm-m	1.000	0.000




Dynamic FCT Down
Static FCT Down



Dataset:	run4/pass7
Total Length:	5.12 ft
Total Weight:	20.00 lb
O.D.	1.90 in

Operator: Chevron Energy Technology Company
Well: Chevron Gas Storage Well #1
Field: Chevron
County: Kern
State: California
Date: 10/15/2010
Time: 10:00
Depth: 0 - 1000 ft
Pressure: 0 - 1000 psi
Temperature: 0 - 100 C
Spinner: 0 - 1000 rpm
Flowmeter: 0 - 1000 gpm
Density: 0 - 1000 g/cc
Viscosity: 0 - 1000 cp
Gradient: 0 - 1000 psi/ft
Pressure Gradient: 0 - 1000 psi/ft
Temperature Gradient: 0 - 100 C/100 ft
Spinner Gradient: 0 - 1000 rpm/ft
Flowmeter Gradient: 0 - 1000 gpm/ft
Density Gradient: 0 - 1000 g/cc/ft
Viscosity Gradient: 0 - 1000 cp/ft

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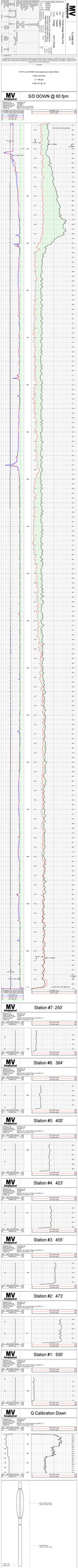
STATIC and DYNAMIC Gradiomanometer Survey

Calibrated gradiomanometer

0.1 - 400 psi

-10 psi -0.1 - 400 psi