Company	Diversified Drilling Corp.
Well	WA #N
Field	Cape Coral
County	Lee
State/Country	Florida

MV Geophysical

Diversified Drilling Corporation

WA #N

Cape Coral

Lee County

State/Country Florida

DUAL INDUCTION LL3 SP

Date	Mon May 14
Time	17:16:30
Depth	2007
Scale	1:600
Version	1.2

DISCLAIMER

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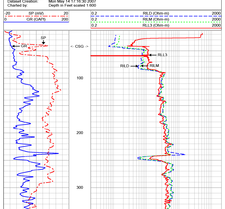
Comments

Rm=5.274 ohm-m B1.8 degF

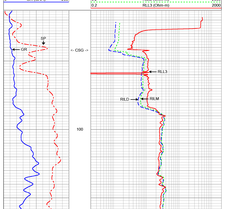
MAIN PASS

Database File: connect.db
Dataset Pathname: MAIN
Presentation Format: DLMAIN-1
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:600



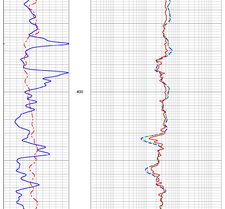
MAIN PASS

Database File: connect.db
Dataset Pathname: MAIN
Presentation Format: DLMAIN-1
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:600



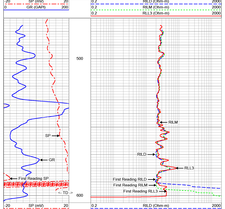
MAIN PASS

Database File: connect.db
Dataset Pathname: MAIN
Presentation Format: DLMAIN-1
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: connect.db
Dataset Pathname: REPEAT
Presentation Format: DLMAIN-1
Dataset Creation: Mon May 14 16:47:55 2007
Charted by: Depth in Feet scaled 1:240



Coil Induction Calibration Report

Serial-Model: 5380-R
Date/Time Last Performed: Wed Oct 10 12:21:40 2005
Downhole Cal Performed: Wed Oct 10 12:32:12 2005
After Survey Verification Performed: Wed Oct 19 12:58:55 2005

Surface Calibration

	Readings			References		Results	
Loop	Air	Loop		Air	Loop	m	b
Deep	0.000	0.040	V	0.000	400.000	mmho-m	611.111	-10.040
Medium	0.000	0.172	V	0.000	464.000	mmho-m	604.710	-9.462

Internal Calibration

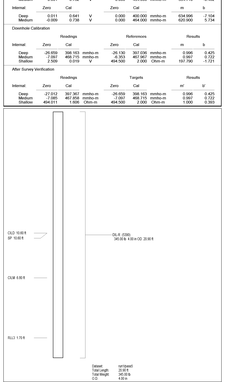
	Readings			References		Results	
Internal	Zero	Cal		Zero	Cal	m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.906	-7.104
Medium	-0.009	0.738	V	0.000	464.000	mmho-m	620.900	5.734

Downhole Calibration

	Readings			References		Results	
Internal	Zero	Cal		Zero	Cal	m	b
Deep	26.850	398.193	mmho-m	26.130	397.030	mmho-m	0.996	0.425
Medium	7.200	468.715	mmho-m	4.353	467.967	mmho-m	0.997	0.723
Shallow	2.500	0.010	V	464.500	2.000	Ohm-m	197.790	-1.721

After Survey Verification

	Readings			Targets		Results	
Internal	Zero	Cal		Zero	Cal	m	b
Deep	27.012	397.367	mmho-m	26.850	398.193	mmho-m	0.996	0.425
Medium	7.095	467.856	mmho-m	7.200	468.715	mmho-m	0.997	0.723
Shallow	464.011	1.906	Ohm-m	464.500	2.000	Ohm-m	1.000	0.393



Company	Diversified Drilling Corp.
Well	NW-4N
Field	Cape Coral
County	Lee
State/Prov	Florida

MV Geophysical

Well	NW-4N
Field	Cape Coral
County	Lee
State/Prov	Florida
Company	Diversified Drilling Corporation

X-Y CALIPER GAMMA RAY EDS

Date	Monday, May 14, 2007
Time	17:16:30
Depth	0 - 600
Scale	1:200
Recorded by	Mark Ellis
Witnessed by	Mr. Ellis
Bit Size	12.25
Casing Size	12.25
Casing Depth	0
Mud Type	Water
Mud Density	1.0
Mud Viscosity	28
Mud Resistivity	1.0
Mud Level	0
Max Temp	32
Max Deviation	0
Logging Unit	5
Truck	1
Engineer	Mark Ellis
Assistant	Mr. Ellis
Comments	X-Y Caliper Arm Extensions: 33"

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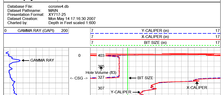
Comments

X-Y Caliper Arm Extensions: 33"

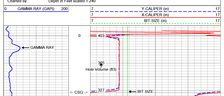
MAIN PASS

Datafarer File: sonicnet.db
Dataset Pathname: sonic
Presentation Format: XYT1.prf
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:200



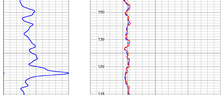
MAIN PASS

Datafarer File: sonicnet.db
Dataset Pathname: sonic
Presentation Format: XYT1.prf
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:200



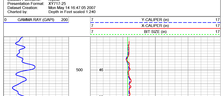
MAIN PASS

Datafarer File: sonicnet.db
Dataset Pathname: sonic
Presentation Format: XYT1.prf
Dataset Creation: Mon May 14 17:16:30 2007
Charted by: Depth in Feet scaled 1:200



REPEAT SECTION

Datafarer File: sonicnet.db
Dataset Pathname: repeat
Presentation Format: XYT1.prf
Dataset Creation: Mon May 14 16:47:05 2007
Charted by: Depth in Feet scaled 1:240

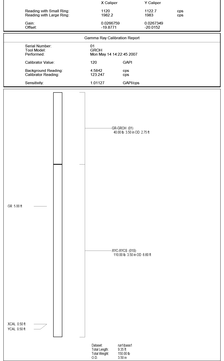


XY Caliper Calibration Report

Serial Number	015		
Tool Model	XYCALIPER		
Performed	Mon May 14 16:45:36 2007		
Small Ring	10	in	
Large Ring	33	in	
	X Caliper	Y Caliper	
Reading with Small Ring	1120	1122.7	cpm
Reading with Large Ring	1992.2	1993	cpm
Gain	0.0266759	0.0267348	
Offset	-19.8711	-20.0152	

Gamma Ray Calibration Report

Serial Number	03	
Tool Model	GR241	
Performed	Mon May 14 14:22:45 2007	
Calibrator Value	120	GAPI
Background Reading	4.5042	cps
Calibrator Reading	123.241	cps
Sensitivity	1.01127	GAPI/cps



Company	Diversified Drilling Corp.
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prv	Florida

MV Geophysical

Company	Diversified Drilling Corporation
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prv	Florida
Location	SW corner of NE Jen Pl. & Kismet Pkwy Cape Coral Water Department
Division	NOVH
Elevation	NONE
Date Services	
Log Measured from	G.L.
Drilling Measured from	G.L.
Permanent Datum	G.L.
Elevation	G.L. 0.00
Date	10-Jun-2007
Run Number	ONE
Depth Driller	600.00
Depth Logger	600.00
Bottom Logged Interval	600.00
Top Log Interval	0.00
Casing Driller Size @ Depth	6.625 @ 0.00
Casing Logger Size @ Depth	6.625 @ 0.00
Bit Size	6.75
Type Fluid in Hole	Water
Density	8.34
Viscosity	28
Fluid Loss	N/A
Source of Sample	Pit
Rm @ Measured Temp	0.000 @ 0.00
Rmf @ Measured Temp	0.000 @ 0.00
Rmc @ Measured Temp	0.000 @ 0.00
Source: Rmf / Rmc	N / N
Rm @ BHT	0.000
Time Since Circulation	0.0
Time Since Stop in Hole	0.0
Max Recorded Temp	0.0
Equipment Location	N/A
Recorded By	S. Lee
Witnessed By	N/A

XY-CALIPER GAMMA RAY LOG

<<< Fold Here >>>

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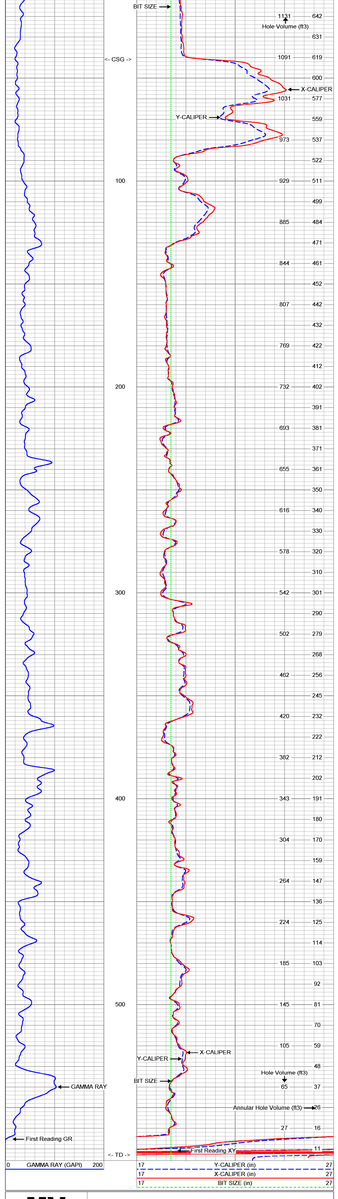
Comments

X-Y Caliper Arm Extensions: 51"

FUTURE CASING SIZE: 12.75"

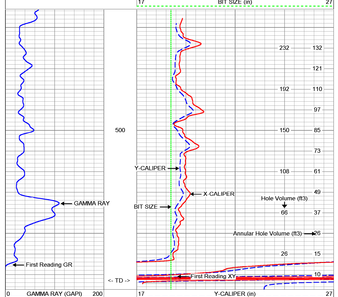
MAIN PASS

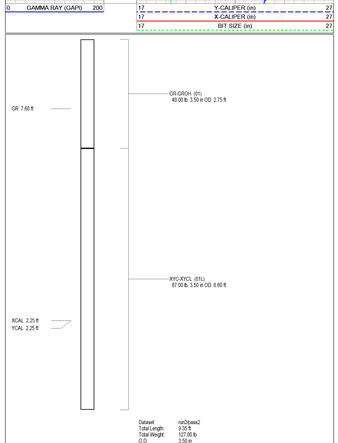
Database File: ccrcnw4.db
Dataset Pathname: ron2/MAIN
Presentation Format: XY172725
Dataset Creation: Tue Jun 12 17:52:01 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: ccrcnw4.db
Dataset Pathname: ron2/repeat
Presentation Format: XY172725
Dataset Creation: Tue Jun 12 17:38:09 2007
Charted by: Depth in Feet scaled 1:240





Dataset: ron2/repeat2
Total Length: 9.35 ft
Total Weight: 127.00 lb
O.D.: 3.50 in

Company	Diversified Drilling Corp.
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prv	Florida

MV Geophysical

Diversified Drilling Corporation
NW 4N
Cape Coral
Lee
Florida

X-Y CALIPER
GAMMA RAY
LOG

Company	Diversified Drilling Corporation		
Well	NW 4N		
Field	Cape Coral		
County	Lee	State/Prv	Florida
Location	Corner of NE 4th & Island Pkwy Cape Coral Water Utilities Department		
Elevation	G.L. 0.0 ft K.B. 0.0 ft	Other Services	NONE

| | | |

Company	Diversified Drilling Corp.
Well	NW #N
Field	Cape Coral
County	Lee
State/Prov	Florida

MV Geophysical

Diversified Drilling Corporation

Well NW #N
Field Cape Coral
County Lee
State/Prov Florida

Other Services: Dual Induction Focused Log, Borehole Compensated Sonic Array, Compensated Neutron Density Log, Gamma Ray
Permanent Datum: Ground Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing
Elevation: G.L. 0 ft, K.B. 0 ft, D.F. 0 ft
Date: 20-Jul-07
Run Number: ONE
Depth-Driller: 1000 ft
Depth-Logger: 1000 ft
Bottom Log Interval: 1000 ft
Top Log Interval: 0 ft
Casing-Driller: 0 ft @ 0 ft
Casing-Logger: 0 ft
Bit Size: 7.875 in
Type Fluid in Hole: Air
Density: lb/gal
Viscosity: s
Fluid Loss: cc
Source of Sample: Flowing
Rm @ Meas Temp: ohm-m @ F
Rmf @ Meas Temp: ohm-m @ F
Rmc @ Meas Temp: ohm-m @ F
Source: Rmf Rmc
Rm @ BHT: ohm-m @ F
Time Since Circulation: 0 hrs
Time Since Stop: 0 hrs
Max Rec Temp: F
Equipment: 5-Mile
Location: Cape Coral, Lee, Florida
Recorded By: Jim Bryan
Witnessed By: Mr. Bob Smith

BORENCLE COMPENSATED SONIC w/ VARIABLE DENSITY CO.

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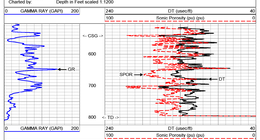
Comments

Sonic Porosity was run on a Limestone Matrix (=47.5)

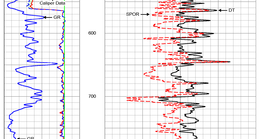
MAIN PASS

Database File: coninwell.db
Dataset Pathname: run4MAIN
Presentation Format: DTSX-PL
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:1000



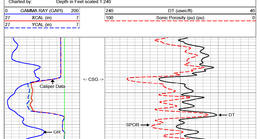
MAIN PASS

Database File: coninwell.db
Dataset Pathname: run4MAIN
Presentation Format: DTSX-PL
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:600



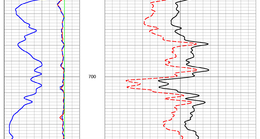
MAIN PASS

Database File: coninwell.db
Dataset Pathname: run4MAIN
Presentation Format: DTSX-PL
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:240



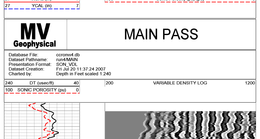
MAIN PASS

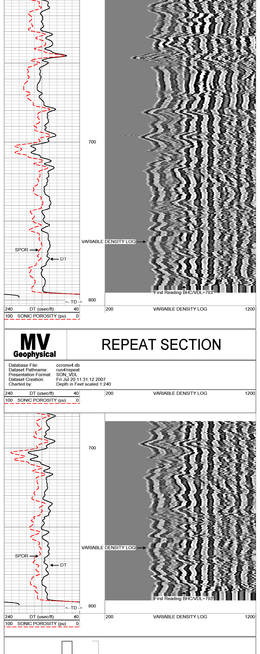
Database File: coninwell.db
Dataset Pathname: run4MAIN
Presentation Format: DTSX-PL
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: coninwell.db
Dataset Pathname: run4repeat
Presentation Format: SONL-VDL
Dataset Creation: Fri Jul 20 11:31:12 2007
Charted by: Depth in Feet scaled 1:240





MV Geophysical

Company	Diversified Drilling Corp.
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prov	Florida

DUAL INDUCTION LL3 / SP LOG

Company	Diversified Drilling Corporation
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prov	Florida
Location	SW corner of Nel, 4th Pl. & Kismet Pkwy Cape Coral Utility Department MWH
Elevation	
Log Measured From	G.L.
Drilling Measured From	G.L.
Date	10/30/2007
Run Number	ONE
Depth Driller	1200
Depth Logger	1200
Bottom Log Interval	1200
Top Log Interval	SURFACE
Casing Driller Size at Depth	8 5/8 @ 0
Casing Logger Size at Depth	8 5/8 @ 0
Type Fluid in Hole	FRESH
Density / Viscosity	8.4 / 28
Max Rec Temp	85
Estimated Cement Top	SURFACE
Time Circulation Ceased	10:00
Time Logger at Bottom	11:00
Equipment / Location	5 / Fort Myers
Recorded By	Bryan
Witnessed By	Mr. Kevin Ryan

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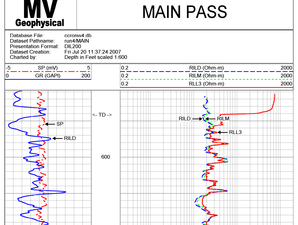
Comments

Rw=3.372 ohm-m @ 85.3 degF

Field Print >>>

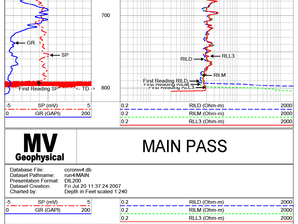
MAIN PASS

Database File: ocronw4.db
Dataset Pathname: run4repeat
Presentation Format: DIL1200
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:1200



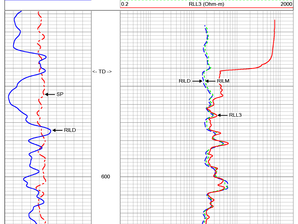
MAIN PASS

Database File: ocronw4.db
Dataset Pathname: run4repeat
Presentation Format: DIL200
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:600



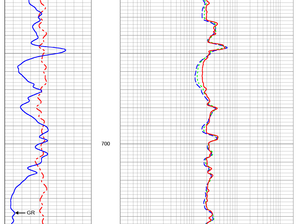
MAIN PASS

Database File: ocronw4.db
Dataset Pathname: run4repeat
Presentation Format: DIL200
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: ocronw4.db
Dataset Pathname: run4repeat
Presentation Format: DIL200
Dataset Creation: Fri Jul 20 11:31:12 2007
Charted by: Depth in Feet scaled 1:240



Dual Induction Calibration Report

Serial Model: 5390-R
Last Factory Calibration Performed: Wed Oct 16 21:49:43 2002
Downhole Cal Performed: Wed Oct 19 12:32:57 2005
After Survey Verification Performed: Wed Oct 19 12:58:55 2005

Surface Calibration

Loop:	Air	Loop		Air	Loop		m	b
	Readings			References			Results	
Deep	0.050	0.646	V	0.000	400.000	mmho-m	671.771	33.646
Medium	0.061	0.732	V	0.000	464.000	mmho-m	634.710	0.492

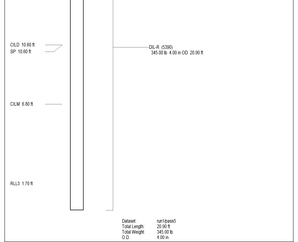
Internal:	Zero	Cal		Zero	Cal		m	b
Deep	0.011	0.641	V	0.000	400.000	mmho-m	634.966	-7.104
Medium	0.009	0.736	V	0.000	464.000	mmho-m	620.900	5.734

Downhole Calibration

Internal:	Zero	Cal		Zero	Cal		m	b
	Readings			References			Results	
Deep	-26.659	398.163	mmho-m	-26.130	397.036	mmho-m	0.996	0.425
Medium	-7.087	468.715	mmho-m	-6.353	467.967	mmho-m	0.997	0.722
Shallow	2.509	0.019	V	494.500	2.000	Ohm-m	197.790	-1.721

After Survey Verification

Internal:	Zero	Cal		Zero	Cal		m'	b'
	Readings			Targets			Results	
Deep	-27.012	397.367	mmho-m	-26.659	398.163	mmho-m	0.996	0.425
Medium	-7.085	467.858	mmho-m	-7.087	468.715	mmho-m	0.997	0.722
Shallow	494.011	1.936	Ohm-m	494.500	2.000	Ohm-m	1.000	0.393



MV Geophysical

Company	Diversified Drilling Corp.
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prv	Florida

FLUID CONDUCTIVITY TEMPERATURE LOG

Company	Diversified Drilling Corporation
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prv	Florida
Location	SW corner of NE 14th Pl. & Kismet Pkwy
	Cape Coral Water Utilities Department
Elevation	MWH

Log Measured From	Drilling Measured From	Permanent Datum	Elevation	Elev. K.B.	Elev. D.F.	Elev. G.L.
G.L.	G.L.	G.L.				

Date	Run No.	Depth Driller	Depth Logger	Bottom Logged Interval	Top Log Interval	Casing Driller	Casing Logger	Bit Size	Type Fluid in Hole	Density	Viscosity	Max. Rec. Temp.	Estimated Cement Top	Equipment Location	Recorded By	Witnessed By
2007-06-21	ONE	300.0	300.0	300.0	0.0	30.0	30.0	8.00	FRESH WATER					6 MILES	P. Maier	

Run No.	Bit No.	From	To	Hole Size	Casing Size	Weight	Grade	Type Joint	Top Log Int.	Bottom Log Int.
ONE		0.0	300.0	8.00	8.00	0.00				

Run No.	Type Log	Depth Driller	Depth Logger	Scale	Top Log Int.	Bottom Log Int.	Hour Logged	First	Last
ONE	FLUID CONDUCTIVITY TEMPERATURE LOG	300.0	300.0	1:240	0.0	300.0			

Equipment	Location
6 MILES	

Recorded By	Witnessed By
P. Maier	

Run No.	Time	Max. Rec. Temp.	Equipment	Location
ONE	07:00		6 MILES	

Run No.	Time	Max. Rec. Temp.	Equipment	Location
ONE	07:00		6 MILES	

Run No.	Time	Max. Rec. Temp.	Equipment	Location
ONE	07:00		6 MILES	

Run No.	Time	Max. Rec. Temp.	Equipment	Location
ONE	07:00		6 MILES	

<<< 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

STATIC and DYNAMIC DOWN passes were performed:
Cw=2966 uS/cm @ 85.3 degF (Dynamic Sample). Q =~200 gpm.
FLUID RESISTIVITY CALIBRATION REPORT (Performed: 21-JUN-07 16:45))

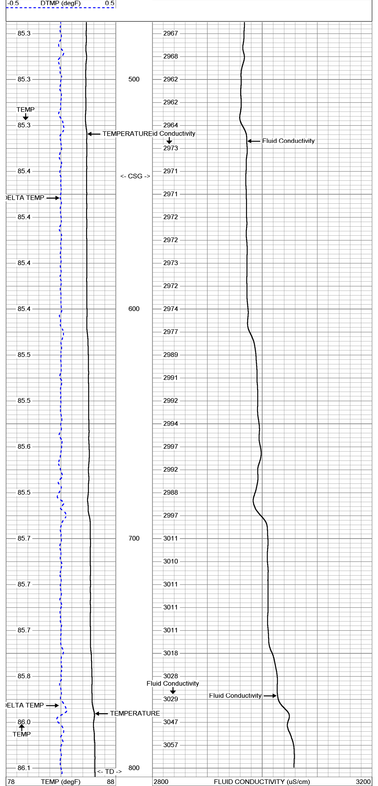
uS/cm	CPS
2041.8	2922.54
6882.5	2758.68
14892.1	2236.56

TEMPERATURE CALIBRATION REPORT (Performed: eformed: 21-JUN-07 10:15)

DEG-F	CPS
38.1	231.25
144.2	6959.25

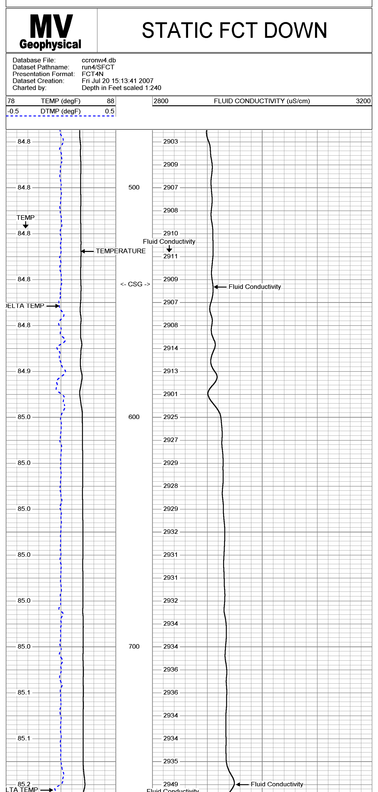
MV Geophysical — DYNAMIC FCT DOWN

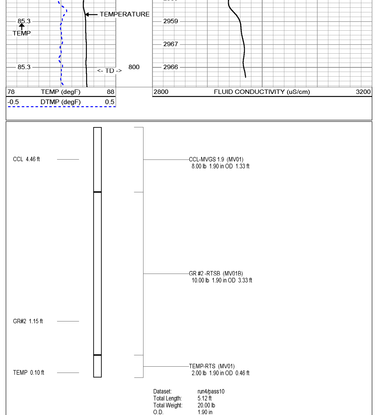
Database File: ccronw4.db
Dataset Pathname: run4DFCT
Presentation Format: FCT4N
Dataset Creation: Fri Jul 20 15:20:29 2007
Charted by: Depth in Feet scaled 1:240



MV Geophysical — STATIC FCT DOWN

Database File: ccronw4.db
Dataset Pathname: run4SFCT
Presentation Format: FCT4N
Dataset Creation: Fri Jul 20 15:13:41 2007
Charted by: Depth in Feet scaled 1:240





Company	Diversified Drilling Corp.
Well	NW 4N
Field	Cape Coral
County	Lee
State/Prov	Florida

MV Geophysical

Diversified Drilling Corporation
NW 4N
Cape Coral
Lee
Florida

X Y CALIPER
GAMMA RAY
LOG

Permanent Datum	Ground Level	Elev. 0 ft	
Log Measured From	Kelly Bushing	0 ft Above Perm. Datum	
Drilling Measured From	Kelly Bushing		
Date	24-Dec-07		
Run Number	ONE		
Depth-Driller	1200 ft		
Depth-Logger	1200 ft		
Bottom Log Interval	1200 ft		
Top Log Interval	0 ft		
Casing-Driller	0 ft @ 0 ft		
Casing-Logger	0 ft		
Bit Size	7 7/8 in		
Type Fluid in the Hole	WATER		
Density / Viscosity	0 lb/gal	0 cp	
Max. Rec. Temp.	0 deg F		
Estimated Cement Top	0 ft		
Time Since Circulation	0 hrs		
Time Since Cement	0 hrs		
Max. Rec. Temp.	0 deg F		
Equipment	7		
Location	0		
Recorded By	Jim Hamilton		
Witnessed By	Mr. Bob Wood		

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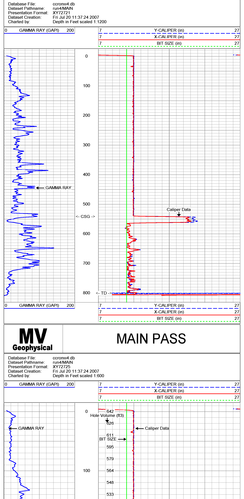
Comments

Ran ohm-m @ degF

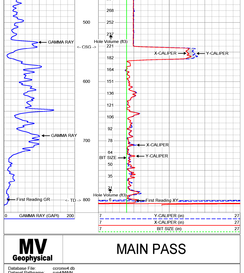
MAIN PASS

Database File: ccsnowd.db
Dataset Pathname: ccsnMAIN
Presentation Format: XY1YZ
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:1200



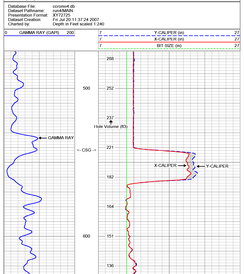
MAIN PASS

Database File: ccsnowd.db
Dataset Pathname: ccsnMAIN
Presentation Format: XY1YZ
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:600



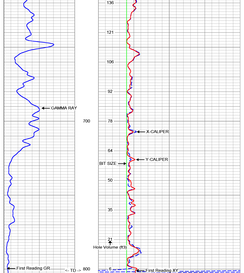
MAIN PASS

Database File: ccsnowd.db
Dataset Pathname: ccsnMAIN
Presentation Format: XY1YZ
Dataset Creation: Fri Jul 20 11:37:24 2007
Charted by: Depth in Feet scaled 1:240



REPEAT SECTION

Database File: ccsnowd.db
Dataset Pathname: ccsnrepeat
Presentation Format: XY1YZ
Dataset Creation: Fri Jul 20 11:31:12 2007
Charted by: Depth in Feet scaled 1:240

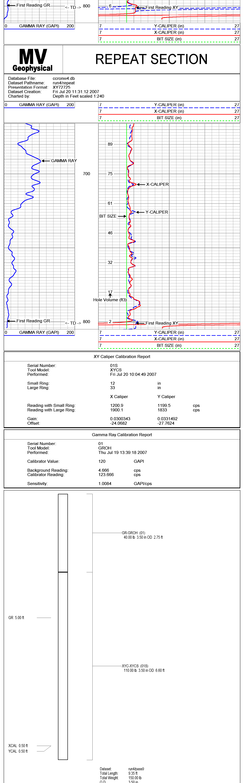


XY Caliper Calibration Report

Serial Number	015		
Tool Model	XYC5		
Performed	Fri Jul 20 10:04:49 2007		
Small Ring	12	in	
Large Ring	33	in	
	X Caliper	Y Caliper	
Reading with Small Ring	1200.0	1199.5	cps
Reading with Large Ring	1900.1	1833	cps
Gain	0.0005043	0.0031402	
Offset	-24.0562	-27.7624	

Gamma Ray Calibration Report

Serial Number	01	
Tool Model	GROH	
Performed	Thu Jul 19 13:30:18 2007	
Calibrator Value:	120	GAPI
Background Reading:	4.995	cps
Calibrator Reading:	123.995	cps
Sensitivity	1.0084	GAPI/cps



Dataset ccsnbased
Total Length 1.0 ft
Total Weight 40.0 lb
OD 3.00 in