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X-Y CALIPER LOG

Company Florida Design Drilling Corp.
Well PW-2
Field Davie
County Broward
State/Prv Florida

Company	Florida Design Drilling Corp.
Well	PW-2
Field	Davie
County	Broward
State/Prv	Florida

Location	Production Wellfield Expansion Town of Davie - UF Test Site AECOM	Other Services XY,FCT FLOW DHTV
Permanent Datum	G.L.	Elevation
Log Measured From	G.L.	K.B.
Drilling Measured From	G.L.	D.F. G.L.

Date	6-AUG-2012		
Run Number	FOUR		
Depth Driller	1575'		
Depth Logger	1576'		
Bottom Logged Interval	1576'		
Top Log Interval	795'		
Open Hole Size	14.75"		
Type Fluid	H2O		
Density / Viscosity	na/na		
Max. Recorded Temp.	see FCT log		
Estimated Cement Top	SURFACE		
Time Well Ready	08:00 8/6/2012		
Time Logger on Bottom	10:15 8/6/2012		
Equipment Number	MVGS-1		
Location	Ft. Myers		
Recorded By	S.Miller/C.Miller		
Witnessed By	S.English (AECOM)	Rossco (FDD)	

Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	41"	46'	253'	FIVE	14.75"	1100'	1575'
TWO	12.25"	250'	1100'				
THREE	15"	962'	1100'				
FOUR	9.875"	1100'	1575'				

Casing Record	Size	Wgt/Ft	Top	Bottom
Surface String	42"	0.375" WT	SURFACE	50'
Prot. String	30"	0.375" WT	SURFACE	250'
Production String	16" FRP	15.875" ID	SURFACE	962'
Liner				
Invoice No.	2012160	fddavie2.db	8fnl/4fld/.pdf/.las	* Final Print *

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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

X-Y Caliper Arm Extensions: 33"

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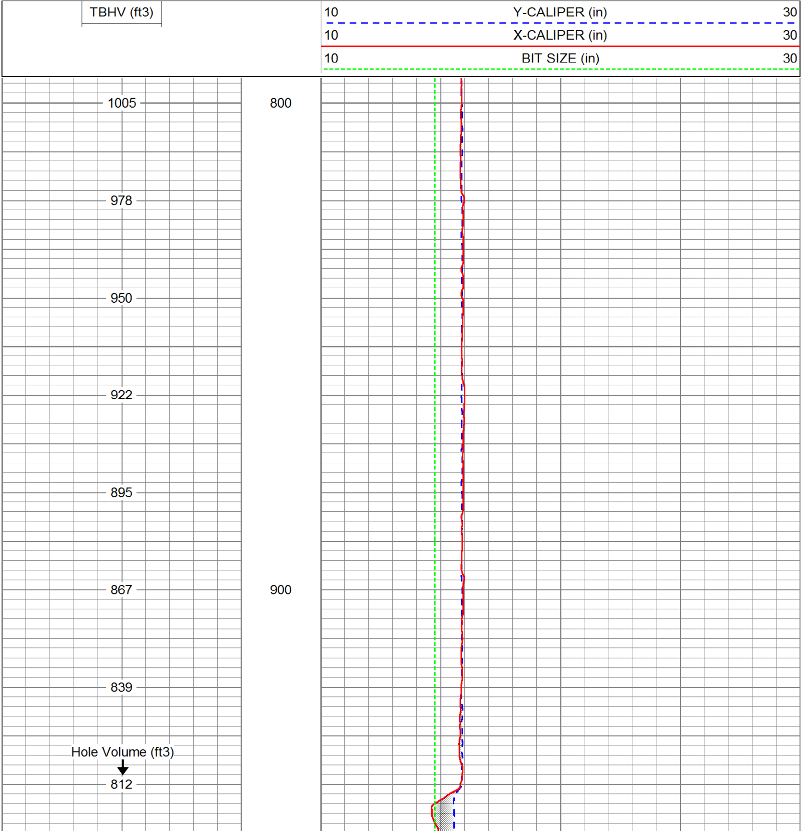
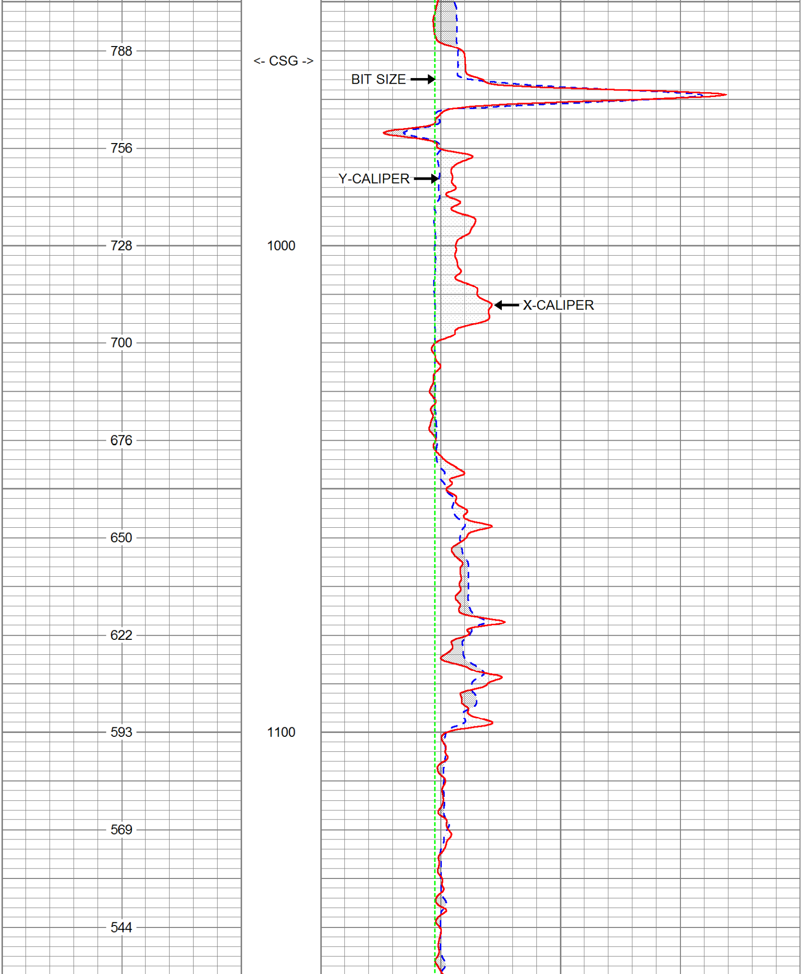
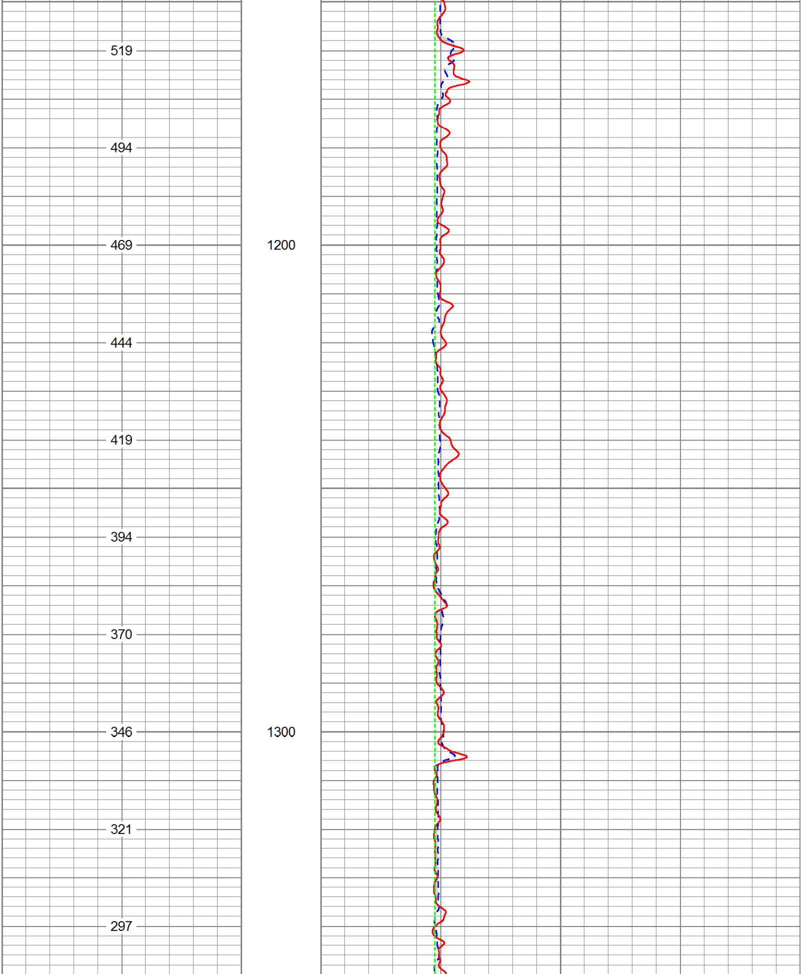
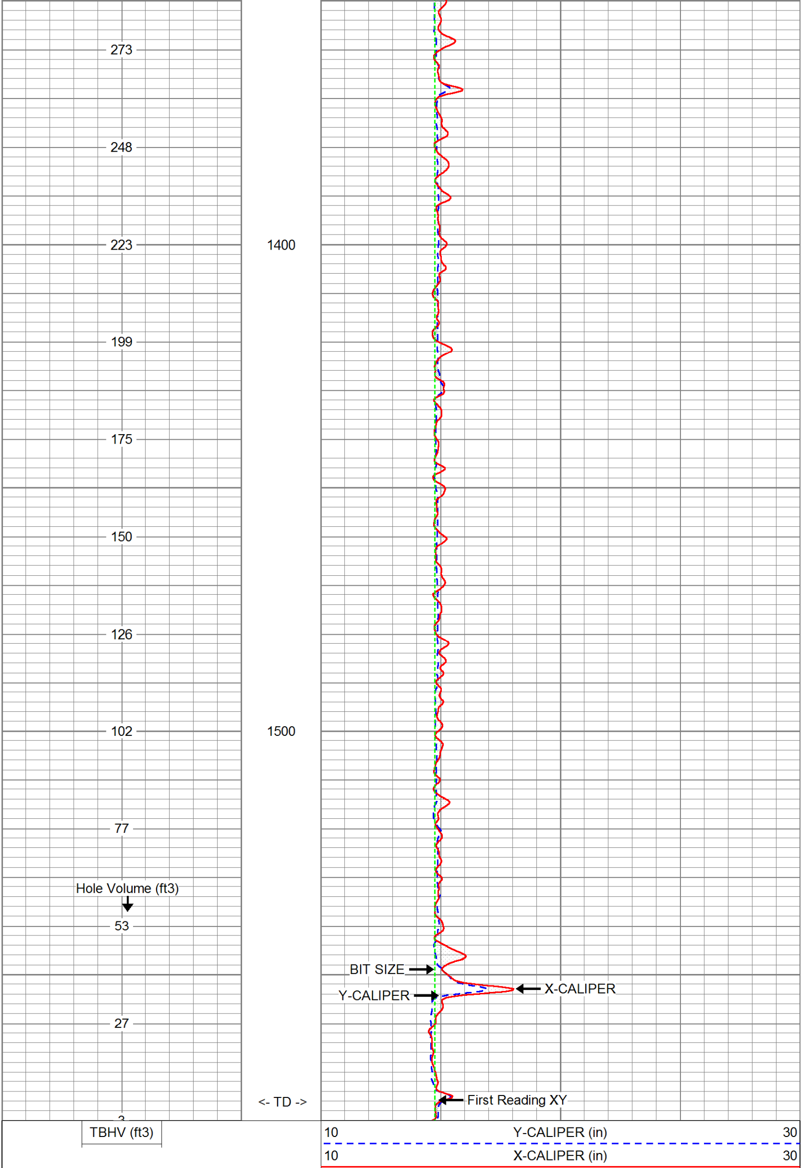
MAIN PASS

Database File:	fddavie2.db
Dataset Pathname:	run4/MAIN
Presentation Format:	xy1030-5
Dataset Creation:	Mon Aug 06 11:31:31 2012
Charted by:	Depth in Feet scaled 1:240









10 BIT SIZE (in) 30

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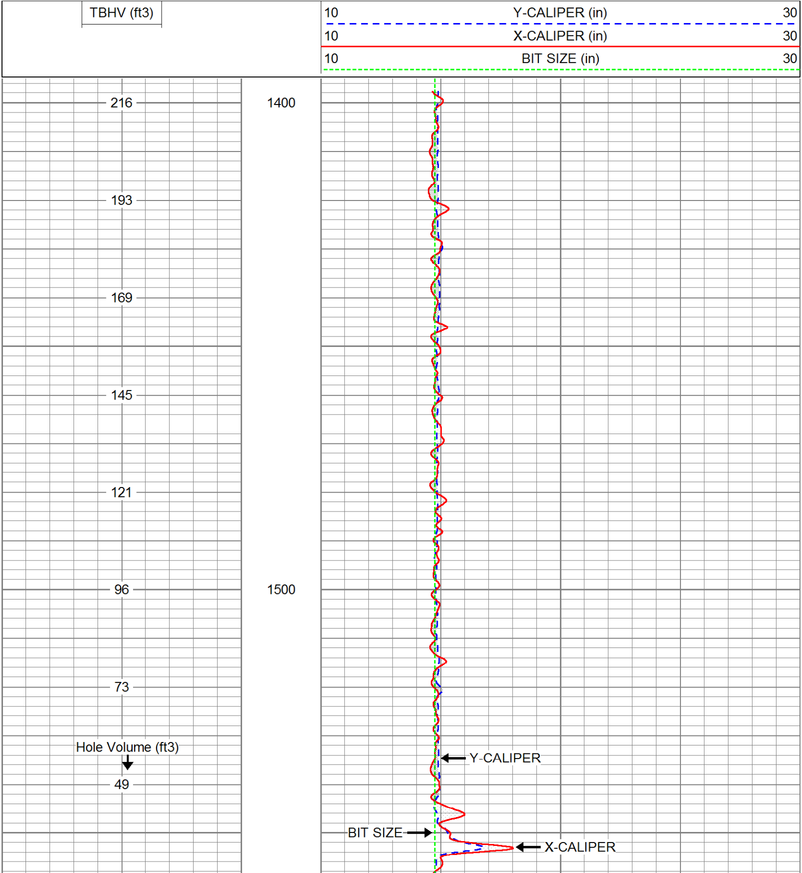
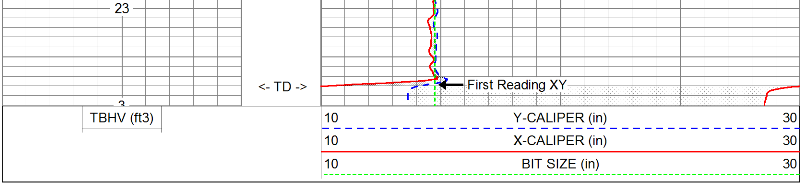
REPEAT SECTION

Database File: fddavie2.db
Dataset Pathname: run4/REPEAT
Presentation Format: xy1030-5
Dataset Creation: Mon Aug 06 10:42:18 2012
Charted by: Depth in Feet scaled 1:240





Calibration Report

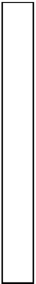
Database File: fddavie2.db
Dataset Pathname: run4/pass3
Dataset Creation: Mon Aug 06 10:28:08 2012 by Log VER_5.3

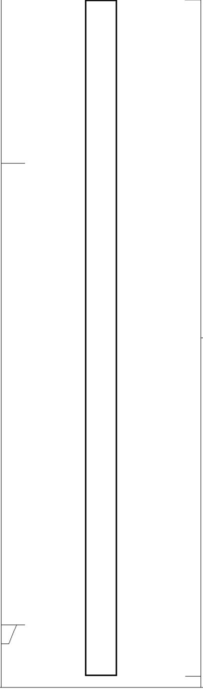
XY Caliper Calibration Report

Serial Number:	01S		
Tool Model:	XYCS		
Performed:	Mon Aug 06 10:30:16 2012		
Small Ring:	14.75	in	
Large Ring:	33	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	816.8	724.8	cps
Reading with Large Ring:	1131.4	1072	cps
Gain:	0.0580102	0.0525634	
Offset:	-32.6327	-23.3479	

Gamma Ray Calibration Report

Serial Number:	01	
Tool Model:	GROH	
Performed:	Mon Aug 06 10:07:59 2012	
Calibrator Value:	120	GAPI
Background Reading:	12.811	cps
Calibrator Reading:	137.251	cps
Sensitivity:	0.96432	GAPI/cps

Sensor	Offset (ft)	Schematic	Description	Len (ft)	OD (in)	Wt (lb)
			GR-GROH (01)	2.75	3.50	40.00



GR	5.00				
		XYC-XYCS (01S)	6.60	3.50	110.00
XCAL YCAL	0.50 0.50				

Dataset:	fddavie2.db: field/well/run4/pass3
Total Length:	9.35 ft
Total Weight:	150.00 lb
O.D.	3.50 in

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Company	Florida Design Drilling Corp.		
Well	PW-2		
Field	Davie		
County	Broward		
State	Florida	Country	USA