PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No. 13055	
Company	WDC EXPLORATION & WELLS
Well	MW-25
Field	SANTA FE SPRINGS
File No.	
County	LOS ANGELES State CA

Location: 9101 SORENSEN Sec. Twp. Rge.	Other Services: ELOG GR/LL3

Permanent Datum	GL		Elevation above perm. datum	Elevation
Log Measured From	GL	0'		K.B.
Drilling Measured From	GL			D.F. G.L.

Date	3-1-2007		
Run Number	ONE		
Depth Driller	220'		
Depth Logger	220'		
Bottom Logged Interval	218'		
Top Log Interval	0'		
Type Caliper	3-ARM		
Type Fluid in Hole	BENTONITE		
Density / Viscosity	N/A		
Max. Recorded Temp.	N/A		
pH/Fluid Loss	N/A		
Time Well Ready	14:30		
Time Logger on Bottom	14:45		
Equipment Number	PS-3		
Location	L.A.		
Recorded By	KOHN/RIDDER		
Witnessed By	JABLONSKI		

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To
ONE	14.5"	20'	220'				

Casing Schedule	Size	Wgt/Ft	Top	Bottom
Surface String	14.75" ID	CSG	0	20'
Production String				
Production String				
Production String				
Production String				

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All interpretations are opinions based on inferences from electrical or other measurements and Pacific Surveys 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 Pacific Surveys' general terms and conditions set out in our current Price Schedule.

Comments

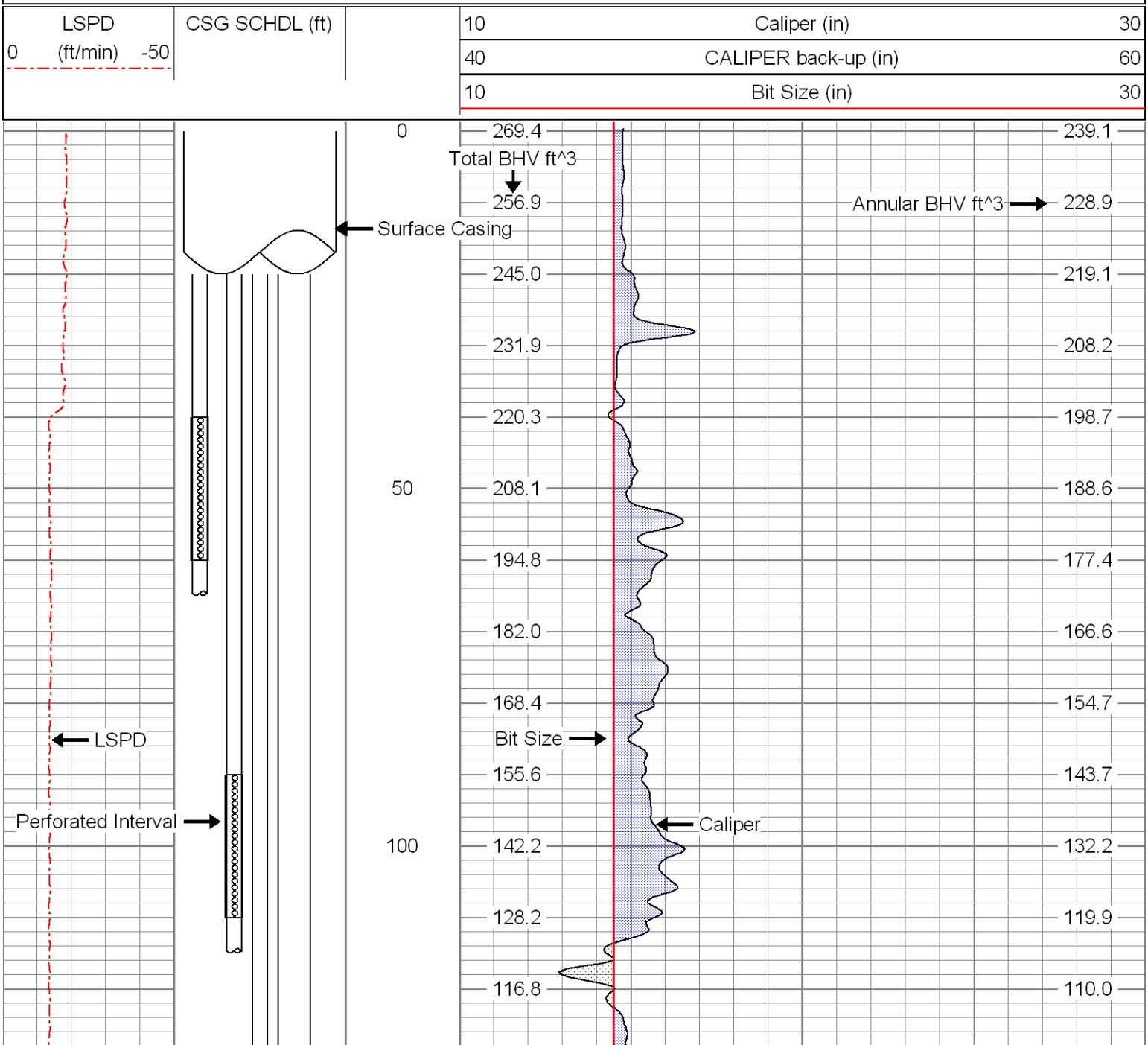
Calibration Report

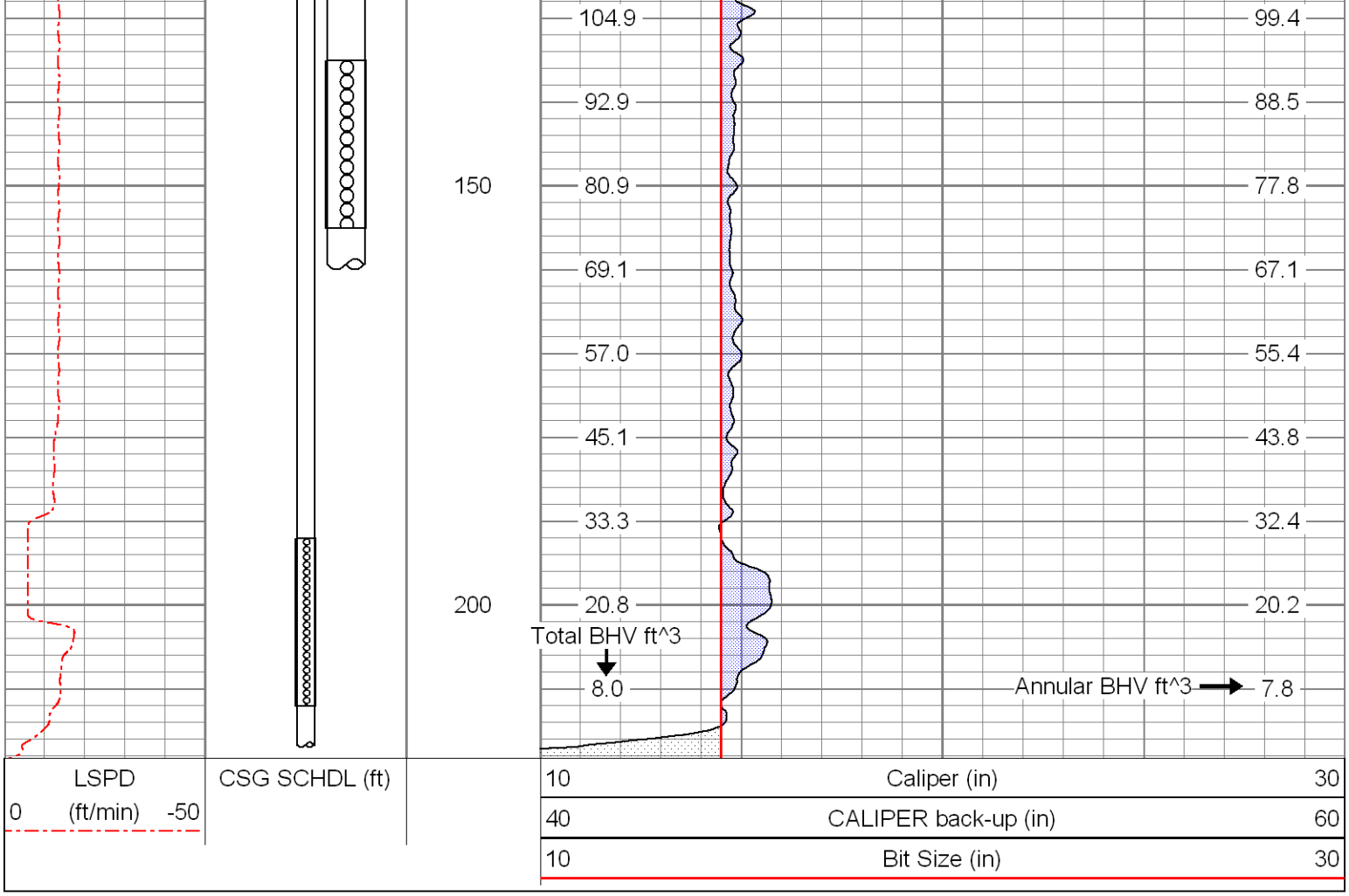
Database File: 13055.db
Dataset Pathname: wdc/well/run2/cal.4
Dataset Creation: Thu Mar 01 16:13:32 2007 by Calc Open-Cased 060407

XY Caliper Calibration Report

Serial Number:	Short		
Tool Model:	Comprobe		
Performed:	Fri Aug 04 15:51:00 2006		
Small Ring:	6	in	
Large Ring:	18	in	
	X Caliper	Y Caliper	
Reading with Small Ring:	348.657	348.657	cps
Reading with Large Ring:	749.7	749.7	cps
Gain:	0.029922	0.029922	
Offset:	-4.25	-4.25	

Database File:	13055.db
Dataset Pathname:	wdc/well/run2/cal.4
Presentation Format:	xyc
Dataset Creation:	Thu Mar 01 16:13:32 2007 by Calc Open-Cased 060407
Charted by:	Depth in Feet scaled 1:240




104.9
99.4
92.9
88.5
150
80.9
77.8
69.1
67.1
57.0
55.4
45.1
43.8
33.3
32.4
200
20.8
20.2
Total BHV ft^3
8.0
Annular BHV ft^3
7.8
LSPD
0 (ft/min) -50
CSG SCHDL (ft)
10 Caliper (in) 30
40 CALIPER back-up (in) 60
10 Bit Size (in) 30