PACIFIC SURVEYS

CALIPER
BOREHOLE VOLUMES

Job No.
13188

Company WATER DEVELOPMENT CORP.
Well MW-24
Field WHITTIER
County LOS ANGELES State CA

Location:
WASHINGTON & LAMBERT
HOME DEPOT PARKING LOT
Sec. Twp. Rge.

Other Services:
ELOG
GR/LL3

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

Date	6-4-2007		
Run Number	ONE		
Depth Driller	200'		
Depth Logger	200'		
Bottom Logged Interval	200'		
Top Log Interval	20'		
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	9:00 AM		
Time Logger on Bottom	9:20 AM		
Equipment Number	PS-1		
Location	L.A.		
Recorded By	ABREAU		
Witnessed By	J. OCKERMAN		

Borehole Record				Gravel Feed/Tubing Schedule			
Run Number	Bit	From	To	Size	Type	From	To

Casing Schd.	Size	Wgt/Ft	Top	Bottom
Surface String	18"	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

XY Caliper Calibration Report

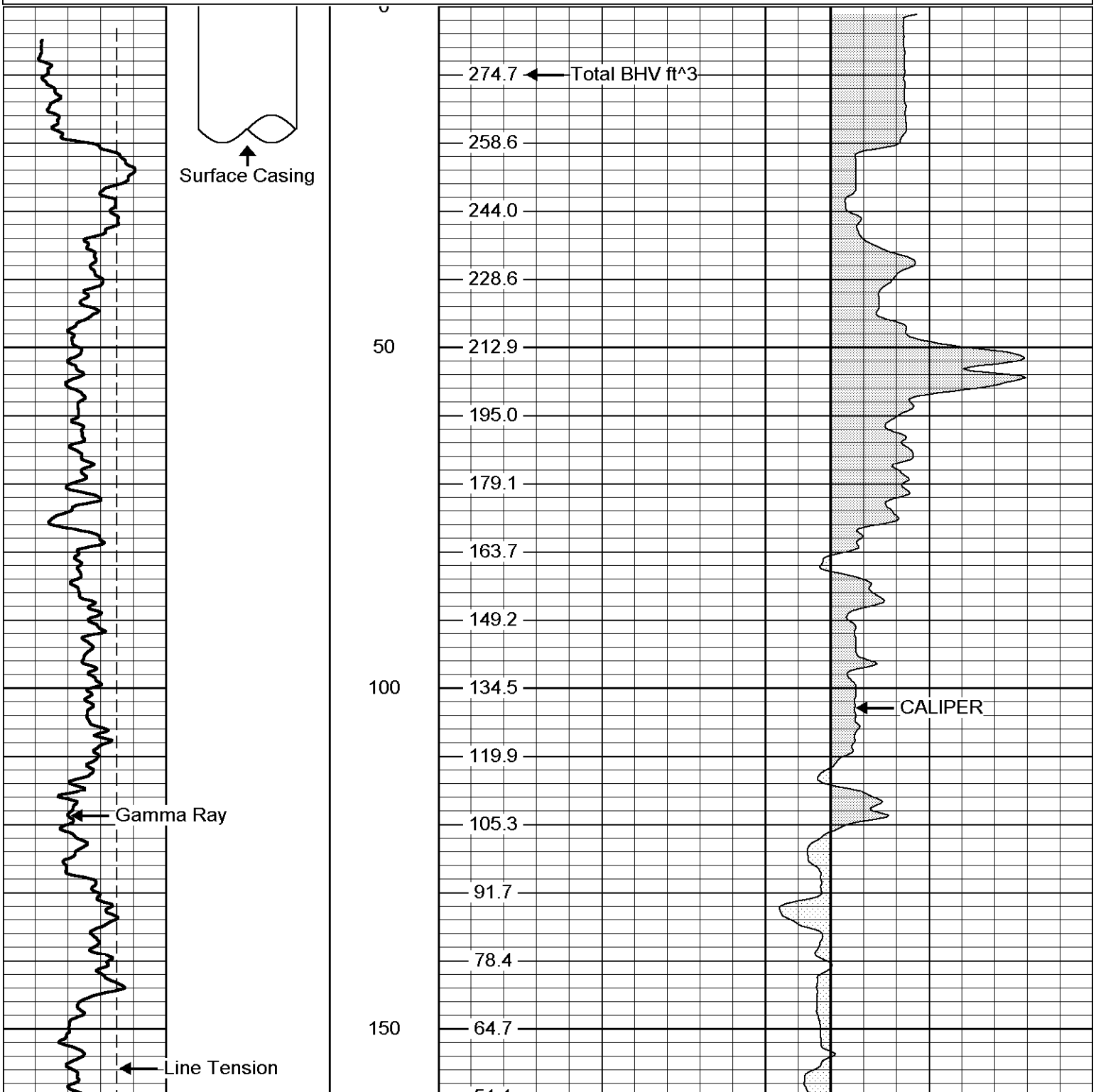
Serial Number: Long
Tool Model: Comprobe
Performed: Sat Mar 31 19:15:21 2007

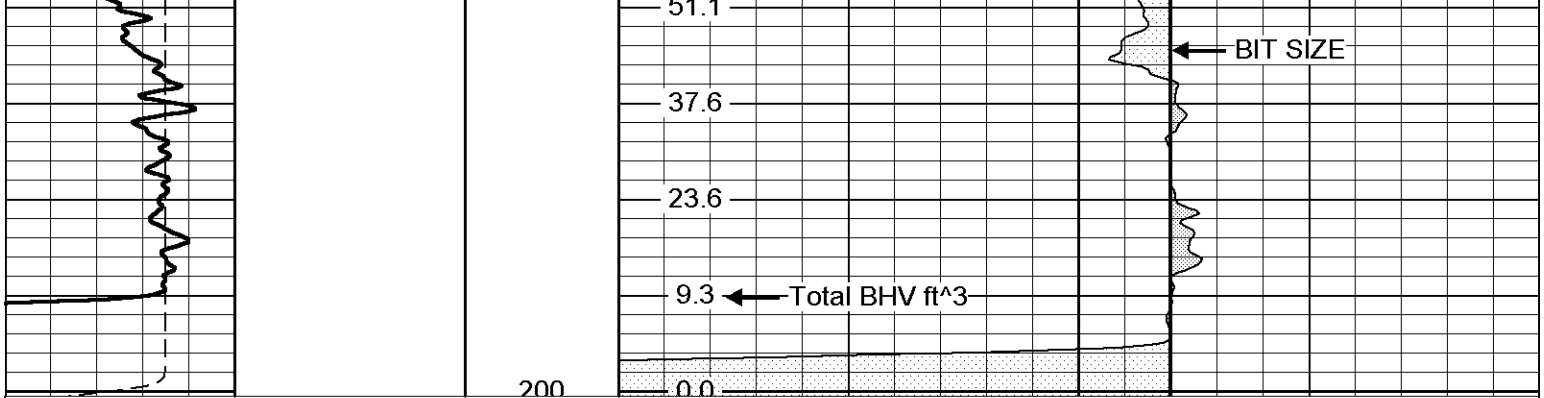
Small Ring: 21.437 in
Large Ring: 33.437 in

	X Caliper	Y Caliper	
Reading with Small Ring:	423.3	423.3	cps
Reading with Large Ring:	594.3	594.3	cps
Gain:	0.0701754	0.0701754	
Offset:	-6.06826	-6.06826	

Database File: 13188.db
Dataset Pathname: WDC/MW-24/run1/CAL
Presentation Format: XYC2
Dataset Creation: Mon Jun 04 10:27:20 2007 by Log Warrior Version 6.6
Charted by: Depth in Feet scaled 1:240

0 LTEN (lb) 100	CSG SCHLD		10 CALIPER (in) 20
30 GR (GAPI) 80			10 BIT SIZE (in) 20
			20 CALIPER back-up (in) 30




51.1
37.6
23.6
9.3
0.0
BIT SIZE
Total BHV ft^3
200
0 LTEN (lb) 100
30 GR (GAPI) 80
CSG SCHLD
10 CALIPER (in) 20
10 BIT SIZE (in) 20
20 CALIPER back-up (in) 30