



**GAMMA RAY CCL
CEMENT BOND VDL**

NOBLE ENERGY INC.	
LOEFFLER K01-65HN	

WATTENBERG	State	COLORADO
WELD		
API #: 061233729		Other Services

BHL 2654 FNL & 538; FEL SW/NW	
SEC 1 TWP 4N RGE 66W	Elevation 4666 4666 4666

From	KB	D.F.
sd From	KB	G.L. 4066
NOVEMBER 10, 2016		
	ONE	
	11544	

2620		
SURFACE		
8-3/4		
WATER		
N/A		

740		
BOHLER RIG		
2-3/4 PROBE		
922338		
45		

[illegible]

WdgFt	Top	Bottom
36# J-55	16	635.5
26# 110-1C	16	7404
11 5/8" P-110	7330.6	11534

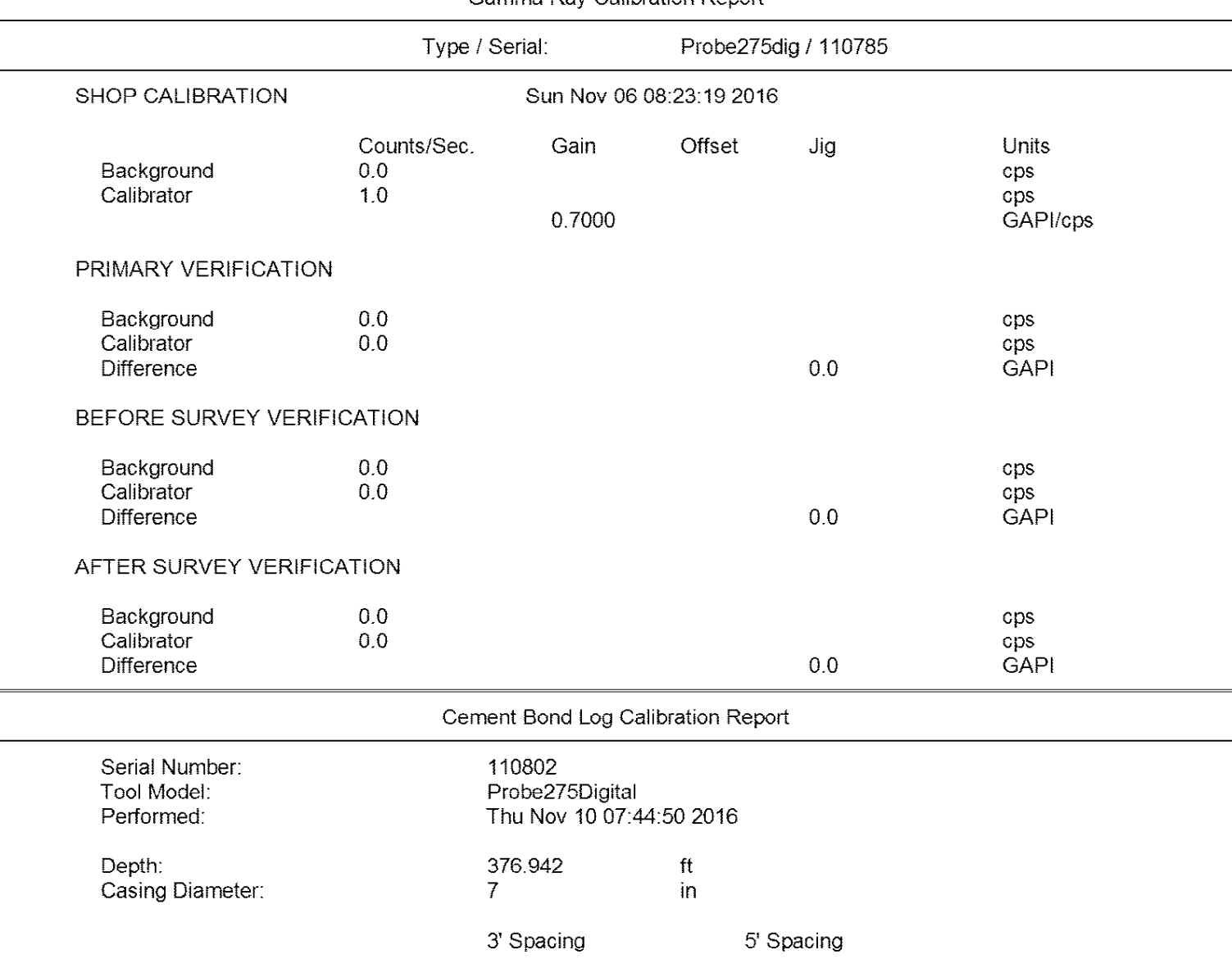
[<<< Fold Here >>>](#)
 Interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of our interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible 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 the general terms and conditions set out in our current Price Schedule.

Comments

THANK YOU FOR CHOOSING CHS!!!!
 LOG CORRELATED TO CASEHOLE SOLUTIONS GAMMA RAY CCL, CEMENT BOND SECTOR VDL LOG
 DATED NOVEMBER 4, 2014

Database File:	cbl noble loeffler k01-65hn.db				
Dataset Pathname:	pas3				
Presentation Format:	noble on				
Dataset Creation:	Thu Nov 10 07:57:54 2016 by Log 7.0 B1				
Charted by:	Depth in Feet scaled 1240				

CCl	-3.3	0	Amplified Amplitude (mV)	20	200	Variable Density	12
Gamma Ray (GAPI)	150	0	Amplitude (mV)	100			
TT3 (usec)	200						



Signal Zero:	0.7	0	mV
Calibrated Amplitude:	62.1651	62.1651	mV
Reading at Signal Zero:	0.00803223	0.00759277	V
Reading in Free Pipe:	2.49644	2.40614	V
Gain:	24.7006	25.2853	
Offset:	0.501599	-0.191986	