



Casedhole
Solutions

GAMMA RAY CCL
CEMENT BOND VDL

Company PDC ENERGY INC.

Well O'GRADY 43-4

Field WATTENBERG

County WELD State COLORADO

Location: API #: 0512320041
1814 FSL & 710' FEL
NEISE

SEC 4 TWP 5N RGE 64W

Permanent Datum GL Elevation 4613
Log Measured From KB
Drilling Measured From KB

Elevation K.B. 4623
D.F. 4622
G.L. 4613

Date DECEMBER 12, 2017

Run Number ONE

Depth Driller 7089

Depth Logger 1000

Bottom Logged Interval SURFACE

Top Log Interval

Open Hole Size

Type Fluid WATER

Density / Viscosity N/A

Max. Recorded Temp. 95

Estimated Cement Top

Time Well Ready

Time Logger on Bottom

Equipment Number

Location

Recorded By

Witnessed By

Borehole Record

Run Number

Bit

From

To

Size

Weight

From

To

Top

Bottom

Wgt/Ft

Castings Record

Surface String

Prot. String

Production String

Liner

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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

THANK YOU FOR CHOOSING CHS!!!!
LOG CORRELATED TO SUPERIOR WELL SERVICES GAMMA RAY CEMENT BOND,
VARIABLE DENSITY, CCL LOG DATED 12-18-10
WCR 53 & WCR 60, E.8, N .2 TO TB, W INTO

Database File: cbl pdc o grady43-4.db
Dataset Pathname: pass2
Presentation Format: noble en
Dataset Creation: Tue Dec 12 10:33:01 2017 by Log 7.0 B1
Charted by: Depth in Feet scaled 1:240

| | | | | | | | | |
|-----|------------------|------|---|--------------------------|-----|-----|------------------|------|
| 50 | CCL | -5.5 | 0 | Amplified Amplitude (mV) | 20 | 200 | Variable Density | 1200 |
| 0 | Gamma Ray (GAPI) | 200 | 0 | Amplitude (mV) | 100 | | | |
| 340 | TT3 (usec) | 240 | | | | | | |

