PSI
COMPENSATED DENSITY
COMPENSATED NEUTRON
DUAL INDUCTION

Company: EnCana Oil & Gas (USA) Inc
Well: Wellington 21
Field: Wattenberg
County: Weld
State: Colorado
Location: API#: 05-123-24852-00
Sec. 21 - T3N - R67W
2576' FNL & 675' FEL
Permanent Datum: Ground Level
Elevation: 4,874 ft
Log Measured From: KB, 15 ft above Perm. Datum
Drilling Measured From: KB
Elev.: K.B. 4,889 ft
G.L. 4,874 ft

Date: 07-Jul-09
Run Number: ONE
Depth Driller: 8,000 ft
Depth Logger: 8,000 ft
Bottom Logged Interval: 7,990 ft
Top Logged Interval: 3,600 ft
Type Fluid in Hole: Water
Salinity, PPM Cl: 1,000
Density: 8.4 lb/gal
Level: Full
Max Rec. Temp. Deg. F: 150
Equipment #: 3
Location: Greeley
Recorded By: Cody Clark
Witnessed By: Mr. Rick Allen

Run	Service Order	Tool	Type Log	Depth Driller	Depth Logger	Bottom Logged Interval	Top Logged Interval	Hole Size	Casing Size	Weight	Time Logger on Bottom
ONE	5400.36	DSN-SDL-DIL-GR	Main	8,000 ft	8,000 ft	7,990 ft	3,600 ft	7.875 in	4.5 in	11.6 lb/ft	07-Jul-09

Comments:

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 interpretations and we shall not, except to the extent 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 forth in our current Price Schedule.

Comments:

Annular volume calculated for 4-1/2" casing
Cade Drilling Rig 22
Thank you for using Process Surveys!
API # 05-123-24852-00

Database File: 5400.db
Dataset Pathname: pass1
Presentation Format: compdn
Dataset Creation: 07:17:37 07-JUN-09 by Log Open Caved 8911ZA
Charted by: Depth in Feet scaled 1:240

Density_Caliper (in) 16 | Deep Resistivity (Ohm-m) .2(0.2)2000 | Density Porosity (pu) 45
Gamma Ray (GAPI) 300 | Medium Resistivity (Ohm-m) .2(0.2)2000 | Neutron Porosity (pu) 45
SP (mV) 200 | Shallow Resistivity (Ohm-m) .2(0.2)2000

2.69 Mid Matrix

2.69 Mid Matrix

Database File: 5400.db
Dataset Pathname: pass1
Presentation Format: dncorig
Dataset Creation: 07:11:50 06-JUN-09 by Cade Open Caved 8911ZA
Charted by: Depth in Feet scaled 1:240

Caliper (in) 16 | Deep Resistivity (Ohm-m) .2(0.2)2000 | Density Porosity (pu) 45
Gamma Ray (GAPI) 300 | Medium Resistivity (Ohm-m) .2(0.2)2000 | Neutron Porosity (pu) 45
SP (mV) 200 | Shallow Resistivity (Ohm-m) .2(0.2)2000

2.71 Lft Matrix

2.71 Lft Matrix

Matrix Change

2.69 Mid Matrix

2.69 Mid Matrix

Matrix Change

2.65 Mid Matrix

2.65 Mid Matrix

Loggers TD: 8000'

Caliper (in) 16 | Deep Resistivity (Ohm-m) .2(0.2)2000 | Density Porosity (pu) 45
Gamma Ray (GAPI) 300 | Medium Resistivity (Ohm-m) .2(0.2)2000 | Neutron Porosity (pu) 45
SP (mV) 200 | Shallow Resistivity (Ohm-m) .2(0.2)2000