BRANDEX
wireline services

Company: ENCANA OIL & GAS (USA) INC.
Well: NUSKA NW A-15
Field: SATTERBERG
Unit:
Area:

Company: ENCANA OIL & GAS (USA) INC.
Field: SATTERBERG
Well: NUSKA NW A-15
County: RIELD
State: CO
Other Services: GR/CBL/VDL/CCL
Permanent Datum: GROUND LEVEL
Elevation: 4,191.00 ft
Log Measured From: KELLY BUSHING
4,208.00 ft above Permanent Datum
Drilling Measured From: KELLY BUSHING
API Serial No.:

Run No.: ONE
Date: 17-Jan-07
Depth Driller: 7,200.00 ft
Depth Logger: 7,196.00 ft
Bottom Logged Interval: 7,196.00 ft
Top Logged Interval: 6,000.00 ft
Casing Driller: 4.500 in @ 7,200.00 ft
Casing Logger: 7,196.00 ft
Bit Size: 3.875 in
Type Fluid in Hole: WATER
Density: 8.33 lbm/gal
Viscosity: 0.00 s/qt
PH: 0.00
Fluid Loss: 0.00 cc
Source of Sample: FLOWLINE
Rm @ Meas. Temp: 0.000 ohmm @ 0.00 °F
Rmf @ Meas. Temp: 0.000 ohmm @ 0.00 °F
Rmc @ Meas. Temp: 0.000 ohmm @ 0.00 °F
Source of Rmf: Rmc
Source of Rmc: Rmc
Rm @ BHT: 0.000 ohmm @ 0.00 °F
Time Circulation Stopped: 0:00
Time Logger on Bottom: 0:00
Maximum Recorded Temperature: 0.00 °F
Equipment Number: 0
Location: 0
Recorded By: 0
Witnessed By: 0

GARRY BY C.C.L. CEMENT BOND LOG

Comments

CORRECTED UPHOLE 4' TO CORRELATE TO PSI OPENHOLE DATED JANUARY 17 2007

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 wilful 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 standard terms and conditions as set out in our current price schedule.

Sensor | Offset (ft) | Schematic | Description | Len (ft) | OD (in) | ID (in)

CCL — 17.90
CBHT — 17.90
GCBL-TEBCO (1010) — 2.82 — 1.69 — 11.50
CCL — 17.90
CBHT — 17.90
GCBL-TEBCO (1010) — 2.73 — 2.75 — 10.50
shVP1 — 11.10
shVP2 — 11.10
shVP3 — 11.10
shVP4 — 11.10
shVP5 — 11.10
shVP6 — 11.10
shVP7 — 11.10
shVP8 — 11.10
shVP9 — 11.10
shVP10 — 11.10
shVP11 — 10.44
shVP12 — 8.44
GCBL-TEBCO (1010) — 2.73 — 2.75 — 10.50
shVPCAL — 6.05
CBHT — 6.05
GCBL-TEBCO (1010) — 6.98 — 2.75 — 108.50
GR — 0.07
GR-PLUS (1010) — 3.42 — 1.69 — 22.05
Packed Vertical Pkr

Default
Surface Loc
Final Vert Depth
C.O.

Nonedefault (0.0°,0) db, NaNdefault (para)
0.0 °, 0.0 °
0.0 ft
7.79 in

Database File	c:\ruckus\data\acoustic\15-07.db
Dataset (Pass) Name	1
Presentation Format	cbl_tie
Dataset Creation	Wed Jan 17 17:11:19 2007 by Log Gal Cascade (64-bit)
Charted by	Depth in Feet scaled 1:240

Lobe Locator — 0 — Amplitude Amplitude (mV) — 50,000 — VDL — 1,200
Gamma Ray (GAPI) — 0 — 300 — Amplitude (mV) — -50 — 50

Flag Joint 7700
Flag Joint 7600