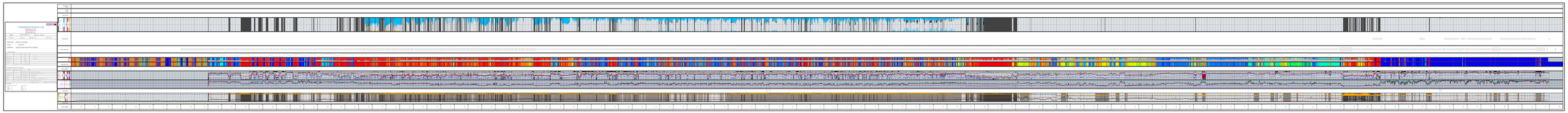

Nechako Basin, B.C.

200B016J093B1100

Petrophysical Study

Scale 1:500

WELL:

COMPANY: BURLINGTON RESOURCES CANADA
14-Mar-2007 09:25:21

200B016J093B1100

Petrophysical Analysis Log

03-MAY-81

Date Modi ed: Petrophysicist: I.F.Smith

FIELD:

PROVINCE: BRITISH COLUMBIA

Run No.

Date

Analyzed Interval Top

COUNTRY: CANADA

Csg. Shoe Driller

Elev: K.B 1418.40 m

Bit Size (mm)

BHT (Deg C)

Mud Rmc

Mud Rmf
Mud Dens (k/m3)

Meas Ref: K.B.

Petrophysical Parameters/Equations

E . Porosity (PHIE)

Shale Volume (VSH)

Water Saturation (SW)

Net Pay Cuto s

Permeability (K)

Badhole E ect Rho Shale

Dt Shale

Rt Shale

n (saturation exp.)

m (cementation exp.)

a

Water Resistivity

1.0

2.0
2.0

30 - 50 ohmm

250 +/- 20 us/m

2575 - 2650 k/m3 Caliper and Density Correction Log

Vsh <= 30%, Porosity >= 5.0%, Water saturation <= 60%

Not applicable

Simandoux Equation

Shale corrected density and/or sonic (ss matrix)

Gamma Ray / SP linear equations

Comments:
Log Header Data
WILDCAT

Analyzed Interval Base
Drilled Depth (m) -

Ohmm @ Deg C

Ohhms @ Deg C

Ohmm @ Deg C

-
-
-

2725.2

0.0

Mud Res

5.0 - 0.33 ohmms @ 25

Avg Vsh: - v/v

Avg Sw: - v/v

Avg Phie: - v/v

HCPV: - m

Phi*h: - m

Net Pay: - m
Pay Summary Results (see Report)

Logger SCHLUMBERGER
Mud Type

Avg Vsh: - v/v

Avg Sw: - v/v

Avg Phie: - v/v

HCPV: - m

Phi*h: - m

Net Pay: - m

Pay Summary Results

25

50

75

100

125

150

175

200

225

250

275

300

325

350

375

400

425

450

475

500

525

550

575

600

625

650

675

700

725

750

775

800

825

850

875

900

925

950

975

1000

1025

1050

1075

1100

1125

1150

1175

1200

1225

1250

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1300

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1900

1925

1950

1975

2000

2025

2050

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2100

2125

2150

2175

2200

2225

2250

2275

2300

2325

2350

2375

2400

2425

2450

2475

2500

2525

2550

2575

2600

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2675

2700

0.0

2725.2 DEPTH (METRES)

1400

1375

1350

1325

1300

1275

1250

1225

1200

1175

1150

1125

1100

1075

1050

1025

1000

975

950

925

900

875

850

825

800

775

750

725

700

675

650

625

600

575

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-950

-975

- 1000

- 1025

- 1050

- 1075

- 1100

- 1125

- 1150

- 1175

- 1200

- 1225

- 1250

- 1275

- 1300

PERFORATIONS

SP_2
- 80.5 MV 62.12

BADHOLE_1
0 FLAG

1

COAL_1
0 FLAG

1

GR_2
0 GAPI 200

GR_COR_2
0 GAPI 200

CALI_1
- 150 MM 400

BS_1
- 150 MM 400

1270

1

1277

2500
2
2503

CORED INTERVALS

RESS_2
0.2 OHMM 2000

RESM_2
0.2 V/V 2000

RESD_2
0.2 V/V 2000

lt18
0.2 V/V 2000

KMAX_1
0.2 V/V 2000

RWA_1
0.02 OHMM 200

neut

0 V/V

1

NPSS_3
0.45 V/V -0.15

RHOB_3
1900 (K/M3) 2900

DRHO_3
- 800 (K/M3) 200

PEF_1
0 B/E 20

POROSITY_1
0.45 V/V -0.15

DT_2
500 US/M 100

Cuttings Litholog

Electrofacies Units

VSH_1

0 V/V

1

SP_2

-80.5 MV62.12

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DRILL STEM TESTS

GAS RATE

E3M3/D

WATER ANALYSIS

@25 DEGC