



CONTAINER IDENTITY

CHEMICAL & GEOLOGICAL LABORATORY, LTD.

EDMONTON FORT ST. JOHN CALGARY



LABORATORY NUMBER

C82-18396-2

OIL ANALYSIS

LICENCE NUMBER

OPERATOR NAME

LYLETON CORPORATION

LOCATION

11-30-2-28 WP

WELL NAME

Lyleton et al S. Pierson 11-30-2-28

ELEVATIONS

467.0 462.2

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLER

MC-3

COMPANY

V & D Oilfield
Testing

TEST TYPE

NO.

DST

1

TEST RECOVERY

10 m drilling mud; 4 m water;
93 m gassy oilMULTIPLE
RECOVERY

Y/N

X

SAMPLING POINT

Middle

AMT & TYPE OF CUSHION

MUD RESISTIVITY

@ 20°C

Total Interval (meters)

990 - 995

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m³/d OILm³/d GAS10³ m³/d

Perforations (meters)

SEPARATOR

TREATER

RESERVOIR

SOURCE

GAUGE PRESSURE

MPa

SEPARATOR

TREATER

RESERVOIR

SOURCE

TEMPERATURE

°C

DATE SAMPLED (Y-M-D)

1982-12-04

DATE RECEIVED (Y-M-D)

1982-12-09

DATE REPORTED (Y-M-D)

1982-12-30

ANALYST

D. Barber

OTHER INFORMATION

SAMPLE PROPERTIES

DISTILLATION

COLOR OF CLEAN OIL

Brown

B.S. & W. (VOLUME FRACTION)

WATER

SEDIMENT

TOTAL

0.006

0.001

0.007

VOLUME
FRACTION
DISTILLEDTEMP
°C

I.B.P.

55

0.05

82

0.10

103

0.15

128

0.20

150

0.25

170

0.30

200

0.35

231

0.40

251

0.45

265

0.50

283

0.55

0.60

0.65

0.70

0.75

0.80

0.85

0.90

0.95

1.00

F.B.P.

CRACKED

296

CHARACTERIZATION FACTOR:

12.1

METHOD
Hempel ASTM (D-285)

BAROM. PRESS. (kPa/abs.)

87.8

ROOM TEMP. °C

23.0

DISTILLATION SUMMARY
(VOLUME FRACTION)

200°C

NAPHTHA

0.30

270°C

KEROSENE

0.16

280°C

LIGHT GAS OIL

TOTAL SULFUR

0.0166

TOTAL SALT

g/m³

POUR POINT

°C

+13

CARBON RESIDUE

(MASS FRACTION)

CONRADSON

RAMSBOTTOM

0.0547

RVF

MPa

VISCOSITY

TEMP
°C

ABSOLUTE mPa.s

KINEMATIC mm²/s

20

7.98

9.55

40

5.15

6.21

50

4.07

4.95

RELATIVE DENSITY

DISTILLATE

RESIDUE

BASE TYPE: Mixed

Total Sulfur: 16.6 g/kg

BS & W determined on sample as received. Remainder of analysis determined on sample after cleaning by centrifuging.



CONTAINER IDENTITY

CHEMICAL & GEOLOGICAL LABORATORIES LTD.

EDMONTON FORT ST. JOHN CALGARY



LABORATORY NUMBER

C83-0841

OIL ANALYSIS

LICENCE NUMBER

OPERATOR NAME

LYLETON CORPORATION

LOCATION

14-24-2-29 W1

WELL NAME

Lyleton et al S. Pierson 14-24-2-29

ELEVATION
± 5 metres GRD

FIELD OR AREA

POOL OR ZONE

NAME OF SAMPLE

COMPANY

Mississippian

TEST TYPE

NO

TEST RECOVERY

MULTIPLE
RECOVERY

Y N

SAMPLING POINT

AMT & TYPE OF CUSHION

MUD RESISTIVITY

Test Interval (metres)

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m³/d OILm³/d GAS10³ m³/d

Particulates (metres)

SEPARATOR

TREATER

RESERVOIR

SOURCE

GAUGE PRESSURE

MPa

SEPARATOR

TREATER

RESERVOIR

SOURCE

TEMPERATURE °C

1005.5 - 1008

DATE SAMPLED (Y-M-D)

DATE RECEIVED (Y-M-D)

DATE REPORTED (Y-M-D)

ANALYST

OTHER INFORMATION

1983-06-20

1983-06-29

S. Sargious

SAMPLE PROPERTIES

DISTILLATION

COLOR OF CLEAN OIL

Brown

WATER

0.839

B & W (VOLUME FRACTION)

SEDIMENT

Trace

TOTAL

0.839

VOLUME
FRACTION
DISTILLEDTEMP
°C

METHOD

DENSITY

RELATIVE

AS RECEIVED

AFTER CLEANING

0.861

ABSOLUTE g/cm³

AS RECEIVED

AFTER CLEANING

860

BAROM PRESS (kPa) (mm Hg)

ROOM TEMP °C

TOTAL SULFUR
(MASS FRACTION)

0.0091

TOTAL SALT

g/m³

POUR POINT °C

USBM

ASTM

-14

CARBON RESIDUE
(MASS FRACTION)

RVP MPa

CONRADSON

RAMSBOTTOM

0.0516

DISTILLATION SUMMARY
(VOLUME FRACTION)200°C
NAPHTHA270°C
KEROSENE350°C
LIGHT GAS OIL

RECOVERED

RESIDUE

DISTILLATION
LOSS

VISCOSITY

TEMP
°C

ABSOLUTE mPa.s

KINEMATIC mm²/s

10

53.0

61.3

20

11.1

12.9

40

5.48

6.33

F&P

BASE TYPE:

CRACKED

CHARACTERIZATION FACTOR: 11.9

Total Sulfur: 9.1 g/kg

BS & W determined on sample as received. Remainder of analysis determined on sample after cleaning by centrifuging.

Insufficient recoverable oil for further analysis.

4500 - 5th STREET N.E., CALGARY, ALBERTA T2E 7C3 (403) 230-4128

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