



CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA



OIL ANALYSIS

Plastic

CONTAINER IDENTITY

70490-86-305

LABORATORY NUMBER

Petro Canada Inc.

OPERATOR

1 of 2

PAGE

66° 34' 58.13" NL
126° 21' 32.10" WL

LOCATION

PCI Canterra Bele 0-35

WELL OR SAMPLE LOCATION NAME

397.8

KB ELEV. m

393.3

GRD ELEV. m

Mount Clarke

POOL OR ZONE

Lynes United Services

SAMPLER

DST #1

TEST TYPE & NO.

TEST RECOVERY

Top of Recovery

@ °C

POINT OF SAMPLE

AMT. & TYPE CUSHION

MUD RESISTIVITY

PUMPING

FLOWING

GAS LIFT

SWAB

1351 - 1362

WATER

m³/d

OIL

m³/d

GAS

m³/d

TEST INTERVALS OR PERFS. m

SEPARATOR RESERVOIR

@ °C
CONTAINER
WHEN SAMPLED

@ °C
CONTAINER
WHEN RECEIVED

SEPARATOR

PRESSURES, kPa

TEMPERATURES, °C

86 03 31

DATE SAMPLED (Y/M/D)

86 04 10

DATE RECEIVED (Y/M/D)

86 04 15

DATE ANALYSED (Y/M/D)

ANALYST

REMARKS

SAMPLE PROPERTIES

COLOR OF CLEAN OIL

Trace

0.001

0.001

WATER

BS

TOTAL BS&W

GRAVITY

SPECIFIC

A.P.I. @ 15.6°C

0.6950

72.1

AS RECEIVED

AFTER CLEANING

AS RECEIVED

AFTER CLEANING

POUR POINT

0.0002

TOTAL SULPHUR
(MASS FRACTION)

<0.010

TOTAL SALT
kg/m³

<-60°C

U.S.B.M.

A.S.T.M.

CARBON RESIDUE

R.V.P.

CONRADSON

RAMSBOTTOM

VISCOSITY

TEMP °C	mPa's	mm ² /s	
10	0.4371	0.6253	
20	0.4015	0.5793	
30	0.3702	0.5389	

DISTILLATION

ASTM

METHOD

88.3

BAROM. PRESS.
kPa OF HG

20

ROOM TEMP. (°C)

34

INITIAL BOIL PT. (°C)

DISTILLATION SUMMARY

204°C NAPHTHA

274°C KEROSENE

343°C LIGHT GR.S./OIL

0.99

RECOVERED

0.00

RESIDUE

0.01

DISTILLATION LOSS

SPECIFIC GRAVITY

DISTILLATE

RESIDUE

BASE TYPE

CHARACTERIZATION
FACTOR

FRACTION DISTILLED	TEMP °C
0.05	51
0.10	60
0.15	65
0.20	70
0.25	73
0.30	77
0.35	81
0.40	85
0.45	89
0.50	93
0.55	96
0.60	101
0.65	106
0.70	110
0.75	115
0.80	121
0.85	128
0.90	136
0.95	151
0.99	204*
F.O.P.	*
CRACKED	

REMARKS



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Plastic CONTAINER IDENTITY		70489-86-241 LABORATORY NUMBER	
Petro-Canada Inc. OPERATOR		2 of 2 PAGE	
66° 34' 58.13" NL 126° 21' 32.10" WL LOCATION	PCI Canterra Bele 0-35 WELL OR SAMPLE LOCATION NAME	397.8 KB ELEV.	393.3 GRD. ELEV.
Mount Clarke FIELD OR AREA	Mount Clarke POOL OR ZONE	Lynes United Services SAMPLER	
DST #1 TEST TYPE & NO.		TEST RECOVERY	
Top of Recovery		@ °C	
1351 - 1362 TEST INTERVALS OR PERFS.	POINT OF SAMPLE	AMT. & TYPE CUSHION	MUD RESISTIVITY
	PUMPING FLOWING	GAS LIFT SWAB	
	WATER m ³ /d OIL m ³ /d GAS m ³ /d		
SEPARATOR RESERVOIR	CONTAINER WHEN SAMPLED @ °C	CONTAINER WHEN RECEIVED @ °C	SEPARATOR
PRESSURES, kPa		TEMPERATURES, °C	
86 03 31 DATE SAMPLED (Y/M/D)	86 04 10 DATE RECEIVED (Y/M/D)	86 04 15 DATE ANALYSED (Y/M/D)	ANALYST
REMARKS			

MUD FILTRATE ANALYSIS

Resistivity (Ohm-metres @ 25°C): 0.038

Chloride (mg/litre): 184000