



CORE LABORATORIES - CANADA LTD.
Petroleum Reservoir Engineering
CALGARY ALBERTA

9211-P28-1-6



GAS ANALYSIS

6672

CONTAINER IDENTITY

70380-86-263

LABORATORY NUMBER

Petro-Canada Inc.

OPERATOR

8 of 8

PAGE

66° 56' 11.60" NL

125° 56' 18.88" WL

LOCATION

PCI Canterra Tweed Lake A-67

WELL OR SAMPLE LOCATION NAME

397.10

KB ELEV., m

399.90

GRD. ELEV., m

Northwest Territories

FIELD OR AREA

MT Clark

POOL OR ZONE

Lynes United Services

SAMPLER

DST #2

TEST TYPE & NUMBER

TEST RECOVERY

Bubble Hose

@ °C

POINT OF SAMPLE

AMOUNT & TYPE OF CUSHION

MUD RESISTIVITY

PUMPING

FLOWING

GAS LIFT

SWAB

1278 - 1286

TEST INTERVALS OR PERFS., m

WATER

m³/d

OIL

m³/d

GAS

m³/d

@ °C

15 @ 21 °C

SEPARATOR RESERVOIR

CONTAINER WHEN SAMPLED

CONTAINER WHEN RECEIVED

SEPARATOR

— PRESSURES, kPa (gauge) —

— TEMPERATURES, °C —

1985 12 19

DATE SAMPLED (Y/M/D)

1986 02 04

DATE RECEIVED(Y/M/D)

1986 02 04

DATE ANALYZED (Y/M/D)

RH

ANALYST

REMARKS

COMPONENT	MOLE FRACTION AIR FREE AS RECEIVED	MOLE FRACTION AIR FREE ACID GAS FREE	mL/m ³ AIR FREE AS RECEIVED
H ₂	TRACE		
He	0.0073		
N ₂	0.2297		
CO ₂	0.0021		
H ₂ S	0.0000		
C ₁	0.6723		
C ₂	0.0607		
C ₃	0.0165		60.7
iC ₄	0.0033		14.4
C ₄	0.0042		17.7
iC ₅	0.0016		7.8
C ₅	0.0010		4.8
C ₆	0.0011		6.0
C ₇₊	0.0002		1.4
TOTAL	1.0000		112.8
		C ₅₊	20.0

CALCULATED GROSS HEATING VALUE

MJ/m³ @ 15° C & 101.325 kPa (abs.)

32.49

MOISTURE FREE

32.56

MOISTURE & ACID GAS FREE

CALCULATED VAPOUR PRESSURE

kPa (abs.) @ 37.8° C

95.2

PENTANES PLUS

CALCULATED TOTAL SAMPLE PROPERTIES (AIR=1) @ 15° C & 101.325 kPa

MOISTURE FREE AS SAMPLED

0.873

kg/m³

DENSITY

0.712

RELATIVE DENSITY

20.6

RELATIVE MOLECULAR MASS

CALCULATED PSEUDOCRITICAL PROPERTIES

AS SAMPLED

ACID GAS FREE

4300.3

kPa (abs.)

pPc

187.5

K

pTc

kPa (abs.)

pPc

K

pTc

REMARKS

