



CONTAINER IDENTITY

## CHEMICAL &amp; GEOLOGICAL LABORATORIES LTD.

EDMONTON FORT ST. JOHN CALGARY



LABORATORY NUMBER

C83-2222-2

## OIL ANALYSIS

LICENCE NUMBER

ANALYST NAME

OCCUPATIONAL NAME

ELEVATIONS

K &amp; L (meters) GRD

LOCATION

1-31-11-26 W1

ICGR et al Virden 1-31-11-26

467.9 463.8

FIELD OR AREA

Virden

POOL OR ZONE

Cherty

NAME OF SAMPLER

COMPANY

A &amp; A Coring

TEST TYPE

NO

DST

1

TEST RECOVERY

106 m gassy muddy oil  
20 m muddy salt waterMULTIPLE  
RECOVERY

X

SAMPLING POINT

AMT &amp; TYPE OF CUSHION

MUD RESISTIVITY

@ 27°C

Test Interval (metres)

641 - 649

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m<sup>3</sup>/d OILm<sup>3</sup>/d GAS10<sup>3</sup>m<sup>3</sup>/d

Perforations (metres)

SEPARATOR

TREATER

RESERVOIR

SOURCE

GAUGE PRESSURE

MPa

SEPARATOR

TREATER

RESERVOIR

SOURCE

TEMPERATURE °C

DATE SAMPLED (Y-M-D)

1983-10-02

DATE RECEIVED (Y-M-D)

1983-10-04

DATE REPORTED (Y-M-D)

1983-10-18

ANALYST

S. Sargious

OTHER INFORMATION

## SAMPLE PROPERTIES

## DISTILLATION

COLOR OF CLEAN OIL

Brown

B S &amp; W (VOLUME FRACTION)

WATER

0.104

SEDIMENT

0.096

TOTAL

0.200

VOLUME  
FRACTION  
DISTILLEDTEMP  
°C

1.0 P

35

0.05

91

0.10

119

0.15

153

0.20

186

0.25

216

0.30

246

0.35

269

0.40

291

0.45

312

0.50

320

0.55

0.60

0.65

0.70

0.75

0.80

0.85

0.90

0.95

1.00

F &amp; P

CRACKED

329

METHOD

Hempel ASTM (D-285)

BAROM PRESS (kPa)

89.6

ROOM TEMP

26.0

DISTILLATION SUMMARY  
(VOLUME FRACTION)200°C  
NAPHTHA

0.215

270°C  
KEROSENE

0.15

350°C  
LIGHT GAS OIL

RECOVERED

RESIDUE

DISTILLATION  
LOSS

## RELATIVE DENSITY

DISTILLATE

RESIDUE

BASE TYPE: Mixed

CHARACTERIZATION FACTOR: 11.8

TOTAL SULFUR  
(MASS FRACTION)

0.0155

TOTAL SALT  
g/m<sup>3</sup>

0.858

FOUR POINT  
°C

U.S.M.

-26

A.S.T.M.

CARBON RESIDUE  
(MASS FRACTION)

CONRADSON

0.0327

RAMSBOTTOM

RVP

kPa

## VISCOSITY

TEMP  
°C

ABSOLUTE mPa.s

KINEMATIC mm<sup>2</sup>/s

10

13.5

15.7

20

9.18

10.7

40

5.11

6.07

Total Sulfur: 15.5 g/kg

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

ICG RESOURCES LTD.

LAB REPORT NO: C83-2222

C83-2222-1 TOP OF FLUID

BS & W (Volume Fraction)

Water: 0.062

Sediment: 0.088

Total: 0.150

Density: Relative: 0.859  
Absolute: 858





CORE LABORATORIES - CANADA LTD.  
Petroleum Reservoir Engineering  
CALGARY ALBERTA



Plastic CONTAINER IDENTITY		7022-83-561 LABORATORY NUMBER	
ICG Resources Ltd. OPERATOR		2 of 2 PAGE	
LSD 5-32-11-26 W1M LOCATION	ICG Scallion 5-32-11-26 WELL OR SAMPLE LOCATION NAME		
Scallion, Manitoba FIELD OR AREA	Cherty Zone POOL OR ZONE	A & A Coring SAMPLER	
DST 1 TEST TYPE & NO.	TEST RECOVERY		
629 - 635 TEST INTERVALS OR PERFS.	Top of Tool POINT OF SAMPLE	@ °C MUD RESISTIVITY	
	PUMPING	FLOWING	GAS LIFT
	WATER	OIL	GAS
SEPARATOR		RESERVOIR	SEPARATOR
PRESSURES, kPa		TEMPERATURES, °C	
83 07 23 DATE SAMPLED (Y/M/D)	83 07 29 DATE RECEIVED (Y/M/D)	83 08 02 DATE ANALYSED (Y/M/D)	ANALYST
REMARKS			

MUD FILTRATE ANALYSIS

Resistivity (Ohm-metres @ 25°C): 0.225

Chloride (mg/litre): 12592

