

CHEMEX**Labs Alberta (1984) Ltd.****GAS
ANALYSIS**

CONTAINER IDENTITY

TOOL #214

LABORATORY NUMBER

85-6935-4

LICENCE NO

OPERATOR NAME AND ADDRESS

PARAMOUNT RESOURCES LTD.

CPA NUMBER

WELL NAME

PARAMOUNT ET AL CAMERON HILLS c-50

KB

ELEVATIONS

METERS

GRD

692.69

688.39

FIELD OR AREA

CAMERON HILLS

POOL OR ZONE

SULPHUR POINT

NAME OF SAMPLER

COMPANY

LYNES UNITED

TEST RECOVERY

130 METRES

TEST TYPE NO

DST 2

MULTIPLE RECOVERY

TEST INTERVAL
FROM

1353.0 m

TO

1366.0 m

PERFORATIONS
FROM

m

TO

m

SAMPLING POINT

DOWNHOLE SAMPLER

AMT & TYPE OF CUSHION

MUD RESISTIVITY

@25° C

TYPE OF PRODUCTION

PUMPING

FLOWING

GAS LIFT

SWAB

PRODUCTION RATES

WATER

m³/d

OIL

m³/d

GAS

10³m³/d

GAUGE PRESSURE - KPa

SEPARATOR

TREATER

AS RECEIVED

TEMPERATURES °C

SEPARATOR

TREATER

AS RECEIVED

DATE SAMPLED

DATE RECEIVED

DATE REPORTED

ANALYST

86-03-25

86-03-31

86-04-10

R.A.

COMP.	MOL FRACTION AIR FREE AS REC'D	MOL FRACTION AIR FREE ACID GAS FREE	LIQUID VOLUME ml. m. ³ AIR FREE AS REC'D
H ₂	0.0000	0.0000	
He	0.0009	0.0009	
N ₂	0.0457	0.0479	
CO ₂	0.0430	0.0000	
H ₂ S	0.0020	0.0000	
C ₁	0.8765	0.9177	
C ₂	0.0131	0.0137	
C ₃	0.0078	0.0082	28.53
iC ₄	0.0014	0.0015	6.09
nC ₄	0.0039	0.0041	16.34
iC ₅	0.0016	0.0017	7.78
nC ₅	0.0019	0.0020	9.15
C ₆	0.0013	0.0014	6.99
C ₇₊	0.0009	0.0009	5.41
C ₈			
C ₉			
C ₁₀			
TOTAL	1.0000	1.0000	80.29

PROPERTIES

RELATIVE DENSITY

MOISTURE FREE AS SAMPLED

MOISTURE AND ACID GAS FREE

MEASURED

CALCULATED

MEASURED

CALCULATED

0.649

0.609

CALCULATED PSEUDO CRITICAL PROPERTIES

AS SAMPLED

ACID GAS FREE

pPC
4694.1pTC
199.0pPC
4564.0pTC
193.9CALCULATED GROSS HEATING VALUE (mj/m³)

@ 101.35 KPa @ 15 °C

@ 14.65 PSIA @ 60 °F DRY

A.P.M.C. (AGA #5)

MOISTURE AND ACID GAS FREE

ACID GAS FREE

ACID GAS INCL.

36.34

38.07

37.88

36.21

REMARKS

DOWNHOLE SAMPLER RECEIVED AT 7450 KPA
CONTAINED 228884 ML GAS, 15 ML WATER
H₂S = 0.20%