



Container Identification
AGAT 18321

Laboratory Number
GG65955A

Operator Name
PURCELL ENERGY LIMITED

Unique Well Identifier	Well Name	Elevation
NOT AVAILABLE	PURCELL et al LIARD F-25A	KB m 723.00 GRD m 716.60

Field or Area	Pool or Zone	Sampler's Company
LIARD	NAHANNI	NORTHLAND

Test Type	Test No.	Test Recovery	Name of Sampler

Test Interval or Perfs	Sampling Point	Separator	Reservoir	Source	Sampled	Received
3195.00-3260.00	METER RUN	Pressure (kPa)		3500	3500	3900
mKB		Temperature (°C)		54	54	21

Date Sampled	Date Received	Date Reported	Analyst
Feb 10, 2001	Feb 14, 2001	Feb 21, 2001	LQ

Other Information
FIELD H2S = 500 ppm/LAB = 213 ppm

COMP	MOLE FRACTION		PETROLEUM LIQUID mL • m ³
	AIR FREE AS RECEIVED	AIR FREE ACID GAS FREE	
H2	0.0002	0.0003	
He	0.0016	0.0020	
N2	0.0451	0.0565	
CO2	0.2018	0.0000	
H2S	0.0005	0.0000	
C1	0.7508	0.9412	
C2	0.0000	0.0000	
C3	0.0000	0.0000	0.0
IC4	0.0000	0.0000	0.0
NC4	0.0000	0.0000	0.0
IC5	0.0000	0.0000	0.0
NC5	0.0000	0.0000	0.0
C6	0.0000	0.0000	0.0
C7+	0.0000	0.0000	0.0
Total	1.0000	1.0000	0.0

NOTE: The following have exceeded normal limits: CO2

GROSS HEATING VALUE MJ/m³
15° C AND 101.325 kPa

Air Free As Received	Moisture & Acid Gas Free
28.39	35.51

RELATIVE DENSITY (CALCULATED)

Moisture Free	Moisture & Acid Gas Free
0.767	0.576

PSEUDO CRITICAL PROPERTIES (CALCULATED)

As Sampled		Acid Gas Free	
pPc (abs) kPa	pTc K	pPc (abs) kPa	pTc K
5105	210.3	4526	186.5

RELATIVE MOLECULAR MASS

Total Gas	C7+
22.2	0.0

VAPOUR PRESSURE
(Pentanes +)

0.00 kPa

H₂S g/m³

0.72

