



OIL AND NATURAL GAS CORPORATION LTD.
Regional Geoscience Laboratory, KG-PG Basin,
Rajamahendravaram

No.RGL/RJY/REC/GC-F4/19-20

Chemistry Laboratories
Report Date: 04-Jul-2019

GAS ANALYSIS REPORT

Test Report No. : RGL/RJY/GC/G(II)/140/19-20
Lab. Sl. No. : G/155/19-20
Type of sample : Installation
Sample Details
Source : VNS-AA
Sampling Point : -
Pressure details : 900 psi
Temperature : -
Date and Time of collection : 15-Jun-2019, 17:00 Hrs
Collected by : I/C Installation
Date of receipt in lab. : 17-Jun-2019

Analytical Data (Composition in Percentage Mole)


Methane : 77.11
Ethane : 10.32
Propane : 2.23
i-Butane : 0.85
n-Butane : 0.56
i-Pentane : 0.27
n-Pentane : 0.15
Hexanes : 0.37
Carbon dioxide : 0.01
Nitrogen : 0.58
Helium : 0.04
Hydrogen : 7.51

Physical Properties at 15 Deg C and 14.696 psi (ISO6976)

Compressibility Factor (Z) : 0.9974
Specific Gravity : 0.6308
Heat Value (Inferior) MJ/M3 : 37.98 (9071.67 Kcal/m3)
Heat Value (Superior) MJ/M3 : 42.01 (10033.92 Kcal/m3)

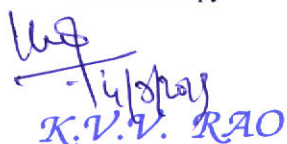

04.07.19

B. Abhilashamole
Chemist
Investigator


4/7/19
B. Pavan Kumar
Suptdg. Chemist
I/C Gas Lab

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K.V.V. RAO

General Manager (Chemistry)
I/c. Chemistry Labs
RGL, ONGC, RAJAHMUNDRY.


4/7/19

A.K. JAIN
Chief GM (Chemistry) - Head, RGL