



Volumetrics US Inc.
 3001 N Cameron St, Victoria, TX-77901
 Phone: 361-827-4024

Company: OXY USA INC
 Field/Location : NMSW
 Station Name : DIMENSIONS CTB CHECK B
 Station Number : 18500D
 Sample Date: 7/9/21 9:34 AM
 Analysis Date: 7/19/21 4:17 PM
 Instrument: ABB
 Calibration/Verification Date: 7/19/2021
 Heat Trace used: YES

Work Order 4000335857
 Sampled by: VOLUMETRICS/JA
 Sample Type : SPOT-CYLINDER
 Sample Temperature (F): 95
 Sample Pressure (PSIG): 109
 Flow rate (MCF/Day): 29931
 Ambient Temperature (F): 91
 Sampling method: FILL & EMPTY
 Cylinder Number: 1455

NATURAL GAS ANALYSIS: GPA 2261

| Components | Un-Normalized Mol% | Normalized Mol% | GPM 14.650 | GPM 14.730 | GPM 15.025 |
|------------------|--------------------|-----------------|------------|------------|------------|
| Hydrogen Sulfide | 0.0000 | 0.0000 | | | |
| Nitrogen | 1.6063 | 1.6107 | | | |
| Methane | 75.6764 | 75.8823 | | | |
| Carbon Dioxide | 1.8299 | 1.8349 | | | |
| Ethane | 11.1178 | 11.1481 | 2.976 | 2.992 | 3.052 |
| Propane | 5.3947 | 5.4094 | 1.487 | 1.496 | 1.526 |
| Isobutane | 0.6852 | 0.6871 | 0.224 | 0.226 | 0.230 |
| N-butane | 1.7116 | 1.7162 | 0.540 | 0.543 | 0.554 |
| Isopentane | 0.4079 | 0.4090 | 0.149 | 0.150 | 0.153 |
| N-Pentane | 0.4790 | 0.4803 | 0.174 | 0.175 | 0.178 |
| Hexanes Plus | 0.8198 | 0.8220 | 0.358 | 0.360 | 0.367 |
| Total | 99.7286 | 100.0000 | | | |

Hexanes plus split (60%-30%-10%)

| Physical Properties (Calculated) | 14.650 psia | 14.730 psia | 15.025 psia |
|-----------------------------------|-------------|-------------|-------------|
| Total GPM Ethane+ | 5.909 | 5.941 | 6.060 |
| Total GPM Iso-Pentane+ | 0.681 | 0.685 | 0.699 |
| Compressibility (Z) | 0.9962 | 0.9962 | 0.9961 |
| Specific Gravity (Air=1) @ 60 °F | 0.7613 | 0.7613 | 0.7614 |
| Molecular Weight | 21.974 | 21.974 | 21.974 |

| Gross Heating Value | 14.650 psia | 14.730 psia | 15.025 psia |
|-----------------------------------|-------------|-------------|-------------|
| Dry, Real (BTU/Ft ³) | 1256.8 | 1263.7 | 1289.1 |
| Wet, Real (BTU/Ft ³) | 1234.9 | 1241.7 | 1266.6 |
| Dry, Ideal (BTU/Ft ³) | 1252.0 | 1258.8 | 1284.0 |
| Wet, Ideal (BTU/Ft ³) | 1230.2 | 1236.9 | 1261.7 |

Temperature base 60 °F

Comment: FIELD H2S = 0 PPM

Verified by

Mostaq Ahammad
 Petroleum Chemist

Scott Beasley

Approved by

Deann Friend

Deann Friend
 Laboratory Manager