Florida Department of
Environmental Protection
Northwest District
160 W. Government Street
Pensacola, Florida 32502

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

DATE

PERMITTEE:

Quantum Resources Management, LLC
5 Houston Center, 1401 McKinney Street, Suite 2700
Houston, Texas 77010

Authorized Representative:
Mr. Justin Thompson, EHS Manager

Air Permit No. 1130005-020-AC
Facility ID No. 1130005
SIC No. 1311, 1321
Project: Fractionation Unit No. 2
Permit Expires: DATE

FACILITY AND LOCATION

Quantum Resources Management, LLC is an existing oil and gas production and natural gas processing facility, located in Santa Rosa County at 5415 Oil Plant Road in Jay, Florida. The UTM coordinates of the existing facility are Zone 17, 482.8 km East and 3425.6 km North.

REGULATORY CLASSIFICATION

Title III: The existing facility is a major source of hazardous air pollutants (HAP).

Title IV: The existing facility has no units subject to the acid rain provisions of the Clean Air Act.

Title V: The existing facility is a Title V major source of air pollution (Chapter 62-213, F.A.C.).

PSD: The existing facility is a PSD-major source of air pollution (Rule 62-212.400, F.A.C.).

SPECIFIC CONDITIONS

1. Previous Permits. This permit supplements all previously issued air construction and operation permits for each emissions unit. Except for the changes noted below, each unit remains subject to the conditions of all other valid air construction and operations permits.
[Rules 62-4.070(3) and 62-210.300(1), F.A.C., and Application No. 113005-020-AC]

2. New Equipment. Except for the changes noted below, the new equipment authorized by this permit shall be subject to the same requirements, such as, but not limited to; emissions standards, recordkeeping, compliance testing and fuels limitations previously established for each emissions unit in all other legally binding air construction and operating permits.
[Rules 62-4.070(3) and 62-210.300(1), F.A.C., and Application No. 113005-020-AC]

3. Natural Gas Liquids Fractionation Units - Skid Mounted.

EU ID	Brief Description
052	Natural Gas Liquids Fractionation Unit No. 1 (existing) - Started up September 1, 2013 Natural Gas Liquids Fractionation Unit No. 2 (new)

EQUIPMENT

3.1 Natural Gas Liquids Fractionation Unit No. 2. The permittee is authorized to install a second skid-mounted natural gas liquids fractionation unit (Fractionation Unit No. 2) with a molecular sieve bed (sulfur trap), two 90,000 gallon pressurized vessels (for propane and butane), and ancillary equipment (piping, valves, flanges, pressure relief valves, pumps, etc.).
[Application No. 1130005-020-AC]

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4. Miscellaneous Process Heaters.

EU ID	Emissions Unit Description
042	Jay Plant Hot Oil Heater - Started up December 20, 1993

EQUIPMENT

4.1. Piping Components. The permittee is authorized to install equipment (piping, flanges, valves, pressure relief valves, pumps, etc.) necessary to connect the Jay Plant Hot Oil Heater to the reboilers of Fractionation Unit No. 2. [Application No. 1130005-020-AC]

5. Processed Crude Oil Storage Tanks.

EU ID	Emissions Unit Description
047	Two 630,000 gallon fixed roof Crude Oil Storage Tanks - Started up June 11, 1973

EQUIPMENT

5.1 Piping Components. The permittee is authorized to install piping components (piping, flanges, valves, pressure relief valves, pumps, etc.) necessary to connect Fractionation Unit No. 2 to the two fixed roof Crude Oil Storage Tanks. [Application No. 1130005-020-AC]

6. Appendices. The attached appendices A, B, C, D and E are made a part of this permit. [Rule 62-4.070(3), F.A.C.]

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.).

Executed in Pensacola, Florida.

J. Charles Harp
Program Administrator
Waste Management/Air Resources
Northwest District

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CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on _____ to the persons listed below.

Justin Thompson, EHS Manager, QRM, jthompson@qracq.com
Larry Dilmore, QRM, ldilmore@qracq.com
Barry D. Andrews, P.E., Antea Group, barry.andrews@anteagroup.com

FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

_____ _____
Clerk Date

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