

Specialist in Oil & Gas Surface processing facilities



Gas Processing Facilities
Early Production Facilities
Mobile Onshore & Offshore Production Units
Produce water treatment Systems
Comprehensive and experienced project Management
Crude Storage tanks
Oil & Gas Facilities Operations & Maintenance

PESO - YOUR PARTNER

Peso Energy Services incorporated in Nigeria to deliver cost effective, practical & proven solutions to all your Oil & Gas facility needs in West Africa.

We offer a flexible and dynamic approach with appropriate solutions to get project done. With access to a world-wide network of operational bases, it enables us to adapt quickly to different client's needs and have since established an impressive track record as a global provider of engineering based design and build process facilities solutions for the oil & gas industry.

Each of our services is custom-tailored, we offer a single point of responsibility through an integrated blend of design and engineering skills.

Our Portfolio

Peso Energy Services provides a range of packaged process solutions for oil production & gas processing facilities for onshore and offshore fields.

We offer Comprehensive and experienced project management, and multi-disciplined engineering and operations resources. With worldclass partnership, PESO is able to provide a fully integrated EPIC services with high quality in a cost effective manner for oil & gas facility operations.

- Engineering Design services: Concept Selection, Front End Engineering Design (FEED), Detailed Design.
- Modular Process Equipment design & supply
- EPIC Project Management: Extensive oil & gas project management services typically includes construction supervision, monitoring/ supervision, execution planning, scheduling, cost estimation, documentation & managing project life cycle from concept to commissioning
- Oil Field Services: Mechanical Completions, Engine swings, Pre-commissioning, Spare part supply and revamp/upgrade/debottlenecking services, Operations & maintenance



SPECIALIZED SOLUTIONS

Peso Energy Services in alliance with PESO Energy USA has a strong track record in the fast track delivery of process & utilities modules for Onshore & offshore oil & gas processing facilities.

We have developed cost effective solutions to help our client derive maximum value from their hydrocarbon asset.

- One Well Solutions
- Ultra Early Production Facility
- Gas & NGL Processing
- Compression Solutions
- Water Treatment Systems
- LPG Storage Tanks design & fabrication

One Well Solution™

Peso Energy Services, has developed a mobile, fit-for-purpose, cost effective and easy to deploy Early Production Facility to help operators especially Marginal field owners bring their discoveries on-stream fast.

This helps operators create early cash flow with minimal initial investment.

Package performs 3-phase crude stabilization & separation and meets Forcados terminal specification.

Package can be configured to handle a wide range of field scenarios.



Ultra Early Production Facility™



2,500bopd Ultra Early Production Facility - Options to Lease or Buy

Peso Energy Services, realizing the limited cash available to operators to develop their fields, can assemble early production facilities from her huge inventory of used production & processing equipment specially sourced over the years for this purpose. Separators, thermal treaters, wash tanks, fuel gas scrubbers, flare systems can be assembled to commence production within the shortest possible time.

The unique advantage is significant time and cost saving. It also can be deployed to sit on temporary supports without elaborate civil foundation.

Facility available for immediate deployment with production ranges of 500 - 10,000BOPD.

SPECIALIZED SOLUTIONS

Gas & NGL Processing

Peso provides several options for heavy hydrocarbon removal from a gas stream including:

- **Condensate Stabilization**
- **Dew Point Control:** to remove as much liquids to prevent liquids condensation in the gas pipeline and achieve the required fuel gas specification.
- **LPG Recovery:** to maximize recovery of high purity liquid products from associated or non-associated natural gas stream.
- **Gas Dehydration:** Use glycol or molecular sieves to dehydrate the gas streams over a wide range of flows, pressure, temperatures and CO₂ content.



Modularize Condensate stabilization system

Compression Solutions

Peso has an excellent record in safe delivery of complex compression modules for major oil & gas operators, ranging in size from 5mmscfd to 400mmscfd.

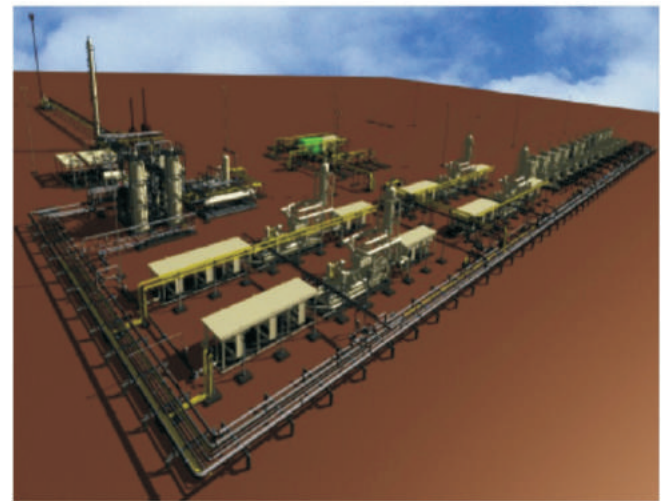
Fast track delivery of compressors is achieved through accelerated fabrication technique based on very close relationship with the major compressor packager and indept understanding of the design to fabrication cycle.

Water Treatment Systems

Peso provides treatment solutions for a range of duty applications from deoiling produce water to water treatment for injection.

Produce water Treatment: PESO offers produced water treatment systems that meets & exceeds DPR disposal specifications. using hydrocyclones, degassers/skimers, induce gas flotation units, media filters and additional polishing technology as required to meet discharge or reinjection specification.

Water Injection: PESO offers specialized design to treat water for injection. The systems typically comprising coarse filters, fine filters, deaerator, chemical injection, booster pumps and injection pumps, and associated instrumentation and controls.



3D Model design of 130mmscfd of Gas Processing plant built for Pan Ocean Oil Corporation

LPG Storage Tank Design & fabrication

Peso Energy Services, is in working relationship with two major US LPG tank fabricators to supply LPG storage tanks to the African market. We understand the requirements for a fit-for-purpose LPG tanks suitable for all kinds of application. In Nigeria, we recently managed the procurement of 29 LPG storage tanks each of 90,000 US WG (Water Gallon) capacity from the design, fabrication and delivery to site in Nigeria.



Production & Transport of 90,000WG storage tank for Nigeria

EXPERIENCE PROFILE

Recent Project Experience In NIGERIA

Gas Processing Plant Projects

- Mechanical Completion, Pre-commissioning & Commissioning of 200MMSCFD Cryogenic Gas Processing Plant Project for Pan Ocean Oil Corporation (POOC).
- Procurement major materials & spare parts for 200MMSCFD Ovade Gas Processing Plant Project for Pan Ocean Oil Corporation (POOC).
- Provision for QA/QC Inspection Services for 150MMSCFD Oben Gas Plant for SEPLAT Petroleum Development Company.

Oil Facilities Projects

- Well head Upgrade Services with Remote Pressure, Temperature & Flow Data Monitoring Capability at Abura OML 65, Nigeria Petroleum Development Company (NPDC)/ Gas Stream Asset Management Limited.
- Engineering, Procurement, Installation & Commissioning of a 6000BOPD Condensate Stabilization Equipment at Oredo OML 111, Nigeria Petroleum Development Company (NPDC)/ Schneider & Schroeder Nigeria Limited.
- Engineering, Procurement, Construction and Installation of Oily Water Treatment Facility for NPDC at Oziengbe Flow Station, OML 111, Nigeria Petroleum Development Company (NPDC)/ Zigma Limited.
- Procurement of Mechanical & Instrumentation Materials for Izombe Flow Station, Imo State, Addax Petroleum Development Nigeria Limited.
- Engineering, Procurement, Installation & Commissioning of Mobile Prover Loop for OML 111 Operation, Nigeria Petroleum Development Company (NPDC).
- Flushing, Intelligent Pigging and Nitrogen Preservation of 10" x 22km Gas Export Pipeline spanning from Oredo Flow Station to POOC Ovade Ogharafe for Nigeria Petroleum Development Company (NPDC).
- Engineering, Procurement, Construction & Installation of Gas Flow Meters, Flare Purge and Pilot Systems Modification at Oredo EPF & Oziengbe-South Flow Station, Nigeria Petroleum Development Company (NPDC).
- Engineering, Procurement, Construction, Installation & Commissioning of Gas Flow Meters, Flare Purge, Auto Pilot and Ignition systems Modification at the Existing Oredo Flow Station, Nigeria Petroleum Development Company (NPDC).
- Engineering, Procurement and Installation of 15nos 5,000psi Adjustable Chokes on Oredo Inlet Manifold, Nigeria Petroleum Development Company (NPDC).
- Engineering, Procurement, Installation and Commissioning of 5nos 30 Feet Magnetic Level Gauges and Transmitters on Oziengbe and Oredo Crude Oil Tanks, Nigeria Petroleum Development Company (NPDC).

EXPERIENCE PROFILE

Recent Project Experience In NIGERIA

Engineering Designs, Technical Audits & As-Built Projects

- Detailed Engineering Design of Oredo Flow Station 100,000 Bbl. Crude Oil Storage Tank for OML 111 Operations for the Nigeria Petroleum Development Company (NPDC).
- OML 30 Surface Production Facility Audit for Heritage Energy Operational Services Ltd.
- Technical Evaluation of Chimons LP Gas Terminal Project for United Capital Limited.
- Engineering & Materials verification for 200MMSCFD Pan Ocean Gas Processing Plant Project.
- Detailed Engineering Design For Oben FLB EXPANSION, SEPLAT Petroleum Development Company.
- Engineering Design As-Built for Oben Inlet & Outlet Piping As-Built for SEPLAT Petroleum Development Company.
- 2D As-Built Drawings (Process, Civil, Mechanical, Electrical, Instrumentation and piping) of Jones Creek Gas Lift Facility for Tonmoor International.
- 2D As-Built Drawings (Process, Civil, Mechanical, Electrical, Instrumentation and piping) for the Nigeria Petroleum Development Company Old Oredo Flow Station.
- 2D As-Built Drawings (Process, Civil, Mechanical, Electrical, Instrumentation and piping) for the Nigeria Petroleum Development Company for 10,000 BOPD Early Production Facility.
- 2D As-Built Drawings (Process, Civil, Mechanical, Electrical, Instrumentation and Piping) for the Nigeria Petroleum Development Company Oziengbe 10,000BOPD Flow Station.
- 2D As-Built Drawings (Process, Civil, Mechanical, Electrical, Instrumentation and piping) for the Nigeria Petroleum Development Company for 100MMSCFD Integrated Gas Handling Facility.
- Detailed Engineering Design for the Equipment Relocation in Oben Gas Plant Expansion Project for SEPLAT Petroleum Development Company. Procurement major materials & spare parts for 200MMSCFD Ovade Gas Processing Plant Project for Pan Ocean Oil Corporation (POOC).
- Provision for QA/QC Inspection Services for 150MMSCFD Oben Gas Plant for SEPLAT Petroleum Development Company.

Project Management Projects

- Project Management for the Construction of 300 Million Liters Petroleum Product Depot Storage Facility at Ibefun on behalf of Wema Bank Plc.
- Project Management for the Construction of a 20 Million Liters Petroleum Product Depot Storage Facility for Bond Global Energy at Ijegan

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