

# Nitrogen Test Advantages:

- NO RENTING OR MOBILIZATION OF FRACK TANKS
- NO PURCHASING OF WATER
- NO TRUCKING OF WATER TO THE SITE
- NO PUMPING OF WATER INTO THE PIPELINES
- NO CHASING OF AIR POCKETS
- NO INACCURATE TESTING OF PIPELINES DUE TO
- DIFFERENT HEAD PRESSURES
- NO PUMPING OF WATER BACK INTO THE FRACK TANKS
- NO PIGGING TO REMOVE WATER FROM PIPELINES
- NO TRUCKING OF WATER OFF SITE
- NO WATER DISPOSAL AND TREATMENT COST
- NO DEMOBING OF FRACK TANKS
- NO ROAD DAMAGE DUE TO EXCESSIVE TRUCKING
- NO DRYING COST OF PIPELINES TO DESIRED DUE POINTS
- NO FINDS OR ENVIRONMENTAL ISSUES DUE TO SPILLS OR
- IMPROPER DISPOSAL OF WATER
- NO FREEZING WATER

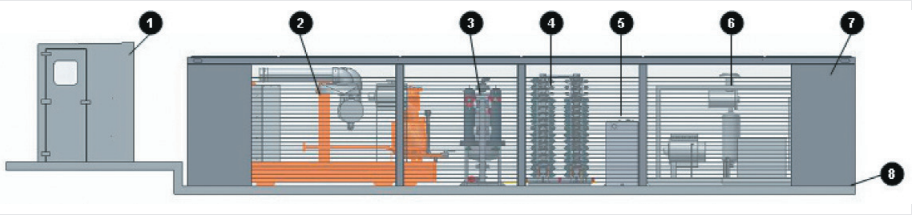
TESTING WITH NITROGEN SAVES TIME AND SAVES MONEY!



100 Hamilton St.  
Washington, PA 15301  
724-228-2002 | Fax 724-228-2237  
www.atlanticnitrogen.com

ANT Mobile Nitrogen Generators make nitrogen available when and where it's needed, continuously without having to schedule and coordinate delivered liquid nitrogen.

System Specifications	
Nitrogen Production	750 scfm at 95% N <sub>2</sub> purity (<5% O <sub>2</sub> ) at Standard Conditions
Discharge Pressure	15 to 4000 psig
Nitrogen Purity	95% nitrogen   93%-99% adjustable range
Standard Conditions	70°F   sea level   14.7 psig
Operating Temperature	-40°F to +122°F



Primary System Components	
	Operator control cab, heated with all system control panels
	Rotary screw feed air compressor driven by Caterpillar® diesel engine
	Air pretreatment filtration system for moisture, particulate, and hydrocarbon removal
	Hollow fiber air separation membranes - high recovery
	400 Gallon diesel fuel tank for up to 10 hours operation
	High pressure nitrogen booster compressor driven by Caterpillar® diesel engine
	Custom steel and aluminum enclosure - maximum airflow and maintainability
	53' drop deck tri-axle trailer with built in pipe racks and toolboxes



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## Atlantic Offers A Complete “Turn Key” Test Operations To Satisfy All Your Needs:

- Certified Hydrostatic & Nitrogen Testing
- Pipeline Inspection / Smart Pigging
- Anomaly Repairs
- Hot Tap & Line Stops
- Pipeline and System Drying
- 24/7 Service Call

## Onsite Nitrogen Generation



www.atlanticnitrogen.com



### Testing:

Atlantic has all required Certified Gauges and Chart Recorders required by industry, plus redundant back-ups to ensure completion of work on-site.

Trained and Certified Testing Officials. OQ'd through Veri-Force.

Test Reports available immediately on-site upon completion of Test or Inspection.

Mobile Test Trailers specifically designed for Nitrogen and Hydrostatic Testing with specifically designed relief valves to ensure system Safety, able to mobilize to any location. No matter how remote.

ALL proper Personal Protective Equipment (PPE), Fire Rated clothing (FR), Flack Vest and Helmet for N2 testing at High pressures. Radio communication with all team members, and Emergency Alert Systems.

### Nitrogen Generation:

Atlantic specializes in on-site Mobile Nitrogen Generation for Testing / Pigging Operation and System Drying

Drying Operation can achieve -80 degrees F dew-point faster than conventional method using Gas or Liquid Nitrogen methods.

- Mobile N2 Generator specs:
- 750 scfm (21 Sm<sup>3</sup>/min)
- 95%+ nitrogen purity
- Up to 4000 psig
- Able to regulate and control Pressure and Volume delivery
- Falls under road ban limits
- Additionally, we have a large twin unit that is capable of producing in excess of 2000 scfm, 4,000 PSI, Regulated Volume.

Also have Small portable N2 Gen for Small Volume, Low / High Pressure testing.

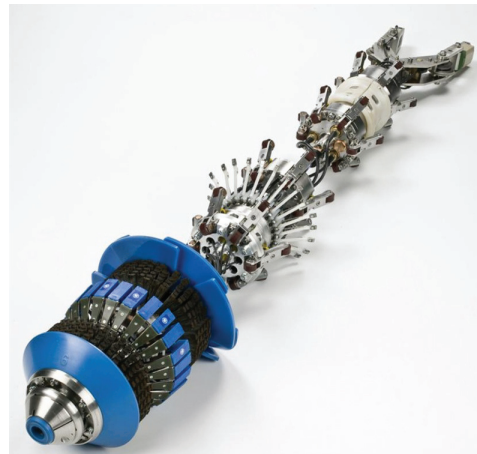
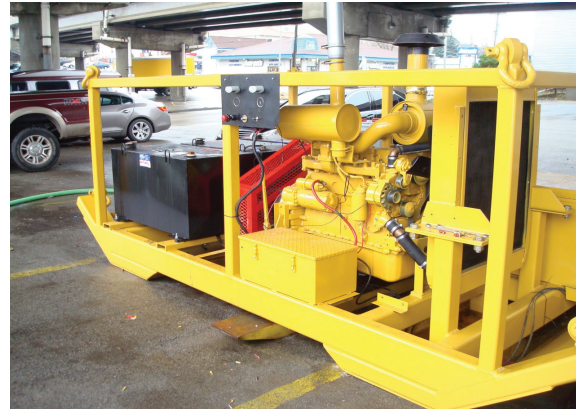
### Hydrostatic Testing:

Atlantic has a wide variety of Fill Water Pumps 0-500 RPM.

Multiple Triplex type pumps each delivering High Volume / High Pressure Water in a fraction of time compared to conventional industry pumps delivering 5 to 115 GPM. 0-10,000 PSI.

Large selection of High Volume Centrifugal Pumps, up to 1,000 GPM, designed for ALL types of applications, Pipeline / Compressor Stations / Cryo-Stripper Plants.

ALL of our Pumps are “Bullet Proof” and MIL Spec designed to operate in ANY environment from -50 to + 150 degrees F



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### Pipeline Pigging:

Atlantic can support ANY type of Pipeline Pigging requirement, our N2 Gen System has the ability to regulate Pressure and Volume, and this makes it the most cost effective method for Drying and De-Watering pipelines.

The pressure sensitive regulator maintains the Pig at a constant speed, which is essential to for Pipeline Safety and integrity

### Smart Pigging:

Atlantic's In-Line-Inspection (ILI) Division is an industry leader in Smart Pig delivery systems.

Can support Smart Pig ILI's from 4 inch to 48 inch ID.

Wide variety modern Smart Pigs for precision ILI's, the most common being the MFL Pig (Magnetic Flux Leakage) & Caliper Geometry Pigs.

Multiple tests mediums available to meet ANY customer requirement for ILI delivery; Hydro / Nitrogen / Air phomatic

### Anomaly Repairs:

Atlantic offers a FULL service complete with anomaly repairs.

After detection of Pipeline or System flaws from ILI or Test Inspection, Atlantic's Trained and Certified Personnel will immediately start repair functions. This eliminates the cost of mobilizing a separate company for repair operation. This keeps overall job cost and completion to a minimum. This allows Customer to be “back-in-service” in the shortest possible time frame.

