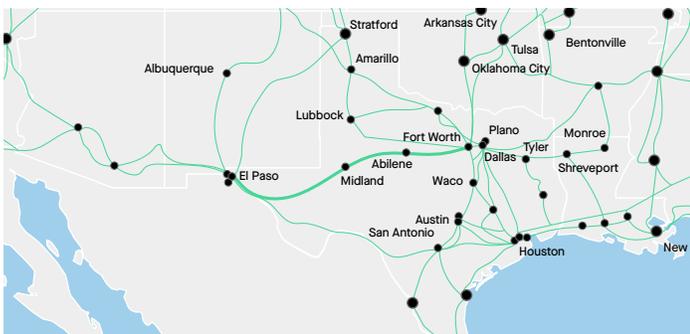# Enabling the digital oilfield: Permian Basin

The CenturyLink network expansion into the oil rich area of the Permian Basin reflects our continued focus on enabling the world's largest, most progressive energy players

Background

New findings in the Permian Basin will significantly increase proven oil and gas reserves. Operators have invested billions of dollars on operations in this region. However, oil price dynamics and other challenges have led to an increased focus on leveraging technologies to reduce well costs, improve production efficiencies and enable more agile operations. From edge to core to cloud, CenturyLink is investing in highly secure and scalable infrastructure to enable energy players in the Permian Basin.

CenturyLink serves **8 of the 10** largest oil and gas companies in the U.S.[1]

CenturyLink serves **8 of the 10** largest energy providers in the world.[1]

Infrastructure enables end-to-end architecture for oil and gas plant analytics

CenturyLink understands what is driving your business— innovation by leveraging data for improved productivity, asset management, exploration and operational excellence. That's why we offer:

- A fully secure, end-to-end solution from the plant to the data center

- A solution from implementation to steady state support

- Extreme data transfer technology to enable rapid data flow across the network regardless of geography

- Scalable consumption-based (MRC) model to reduce CapEx and help achieve faster ROIs

- Improved key metrics: non-production time

- End-to-end solution with service management and repair

Expansive cloud connectivity options

CenturyLink® Dynamic Connections provides you with secure, real-time connectivity, enabling you to immediately link data center and cloud environments.

- Direct, secure connections to AWS, Microsoft Azure, Google and over 2,200 third-party data centers

- Secure self-service including the ability to add and remove Ethernet services to cloud and data center environments via a portal or API integration

- Billing on a pay-as-you-go model; every dynamic connection is on an hourly rate with no long-term contract and no early termination fees*

- A private network connection with embedded security

- Bandwidth ranges of: 10 Mbps, 20 Mbps, 50 Mbps, 100 Mbps, 200 Mbps, 500 Mbps 1 Gbps, 2 Gbps and 3 Gbps

CenturyLink

Backhaul network solution for producers

Gain access to actionable data and analytics while reducing carrier management and complexity. With CenturyLink, you can aggregate your data in the field and seamlessly connect to your core network or your cloud provider of choice, scaling on demand with your operations. Some features include:

- Carrier network services with optimization big data super highway (EFT)
- On-site LAN infrastructure & fiber cabling
- Microwave as a service
- ITS and professional services option for third-party modules
- Real-time reporting platform

Managed services for remote hardware

As you build out your vision for activating the digital field, we have the experienced technicians to deploy, maintain and update remote infrastructure. From router replacement to software updates, we help ensure a seamless digital transformation journey through our managed services and remote infrastructure management practice.

- Integrated solutions (big data as a service, IoT, SAP ecosystem) professional services
- Infrastructure management
- IT consulting (design, transition, and strategy)
- Disaster recovery
- Managed network service & advanced managed services (I&A)
- Managed data center services compute & storage resources

For more information, meet with our solutions teams.

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[1]A CenturyLink master services agreement for network services with minimum term and early termination fees is required to gain access to Dynamic Connections.