

DEFENCE AND SPACE  
Intelligence

# ShaleScanner

Monitoring Unconventional  
Oil Production

For producers, traders, market analysis,  
oil field services and hedge funds

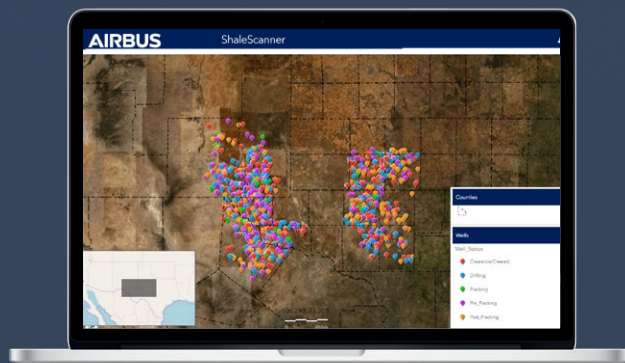
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AIRBUS



# ShaleScanner

## Precise Monitoring of Well Pad Lifecycle



**Up to 2 months**  
ahead of public data

**Accurate** monitoring  
of **1000s** of well  
pads

**Identifies ~20%**  
of well pads that  
are cleared with no  
permits

Unconventional resources are increasingly contributing to global supply. Shale oil currently accounts for over six million barrels, equivalent to 60% of US crude oil production, and is expected to increase.

Current information on wells as they transition from drilled but uncompleted (DUCs) through to completion status is delivered with a significant time lag and is therefore often incorrect. Yet, the relevance of this information to the industry is significantly higher than at any other stage of the well pad lifecycle as this is a lead indicator of capex spend and oil production.

Precise monitoring of the production site lifecycle is key for accurately predicting changes

in shale oil production and to understand activities that may have impact on shale supply. It has broad implications for the global oil and gas market, and for producers, service companies, operators and commodity traders.

With Airbus' ShaleScanner, we combine high-resolution satellite imagery with advanced analytics to provide unprecedented access to insights on drilling, hydraulic fracturing, completion and oil production.

This new innovative service has the potential to transform monitoring oil shale basins, providing precise data on drilling and completions months ahead of other market information sources.

### Benefits



#### Timely

Obtain factual information up to two months ahead of public data.



#### Unit-level

More detailed identification of specific well stage in lifecycle. Identify when a well is a DUC, fracked or completed.



#### Actionable

Better quantify the production of shale oil.



#### Unbiased

Make decisions with more confidence by using a dataset derived from detailed, high-resolution satellite imagery.



#### Complete

From well pad clearing to completion status, ShaleScanner covers all stages of the well pad lifecycle.

### Access The Information Most Relevant to You

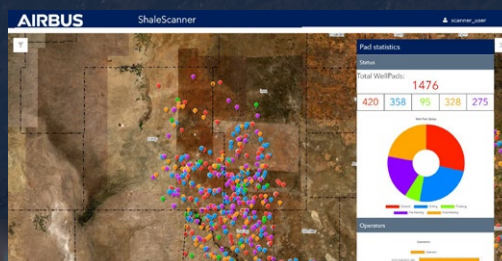
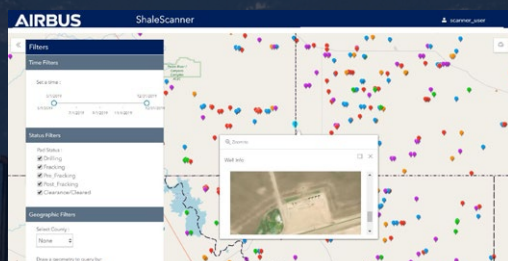
ShaleScanner:

- Identifies when a well pad has been cleared independent of drilling permit data.
- Delivers updates on wells as they transition from DUCs through to completion status

at least two months ahead of public data.

- Provides detailed insights on the entire well pad lifecycle underpinned by the highest-resolution satellite imagery currently used in the market.
- Enables users to draw more precise insights on shale production and assess the potential impact on demand and supply flows.

- Gives information on well location, well ID number, operator, clearing, drilling, DUC, completion status, and much more.
- Compares insights with publically available reported data.
- Accesses information via a dedicated online dashboard, email alerts and CSV download.



**ShaleScanner** is a solution powered by **OneAtlas**, the digital platform of Airbus Defence and Space Intelligence.

**OneAtlas** is an **industry-leading collaborative environment**, designed with and for you, to access premium imagery, perform large-scale image processing, extract industry-specific insights and develop the smartest geospatial solutions.

#### Airbus Defence and Space

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