

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

CRUSOE ENERGY SYSTEMS, LLC

Petitioner

v.

UPSTREAM DATA INC.

Patent Owner

Case PGR2023-00039

Patent No. 11,574,372

**PATENT OWNER'S OBJECTIONS TO PETITIONER'S
DEMONSTRATIVES**

Pursuant to the Board's Revised Order Setting Oral Argument (Paper 35), Patent Owner Upstream Data respectfully submits the following objections to the demonstratives filed by Petitioner Crusoe Energy Systems LLC. The parties met and conferred on October 24, 2024, and were unable to reach resolution as to the objections below:

1. Petitioner's Demonstrative Slide 31 – PO respectfully objects to this demonstrative exhibit with regard any argument relating to EX2017 – EX2017 was not mentioned anywhere in Petitioner's papers, and slide 31 provides a citation only to PO's POR.
2. Petitioner's Demonstrative Slide 32 - PO respectfully objects to this demonstrative exhibit with regard to any argument relating to EX2018 and EX2019 – EX2018 and EX2019 were not mentioned anywhere in Petitioner's papers, and slide 32 provides a citation only to PO's POR.

Copies of Petitioner's Demonstrative Slides 31 and 32 are attached hereto.

October 25, 2024

Respectfully Submitted,

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CERTIFICATE OF SERVICE

The undersigned hereby certifies that a copy of the foregoing document has been served via electronic mail upon the following on October 25, 2024:

PGR54598-0001PSI@fr.com

Dated: October 25, 2024

Respectfully Submitted,

/ Clayton W. Thompson /
Clayton W. Thompson, Reg. No. 58,463

Attorney for Patent Owner

Upstream failed to show nexus

CNBC article

For years, oil and gas companies have struggled with the problem of what to do when they accidentally hit a natural gas formation while drilling for oil. Whereas oil can easily be trucked out to a remote destination, gas delivery requires a pipeline. If a drilling site is right next door to a pipeline, they chuck the gas in and take whatever cash the buyer on the other end is willing to pay that day. But if it's 20 miles from a pipeline, drillers often burn it off, or flare it. That is why you will typically see flames rising from oil fields.

WSJ article

EX2016, 2-3 (cited in POR, 26)

For now, Mr. Barbour is holding on to the cryptocurrency that he creates in Alberta, only selling bitcoin when he needs to cover operating costs.

In addition to his container on Black Pearl's oil field, he has built and sold two other units. He is working on his fourth for a team in Texas that was drilling for oil but found only natural gas.

But he has struggled to get oil-industry veterans interested in mining cryptocurrencies. In September, he showcased a rough version of his mining container at an oil show in Lloydminster, a city on the Alberta and Saskatchewan border, to a bewildered crowd.

"Locally, pretty much nobody knows what bitcoin is," he said.

EX2017, 6 (cited in POR, 26)

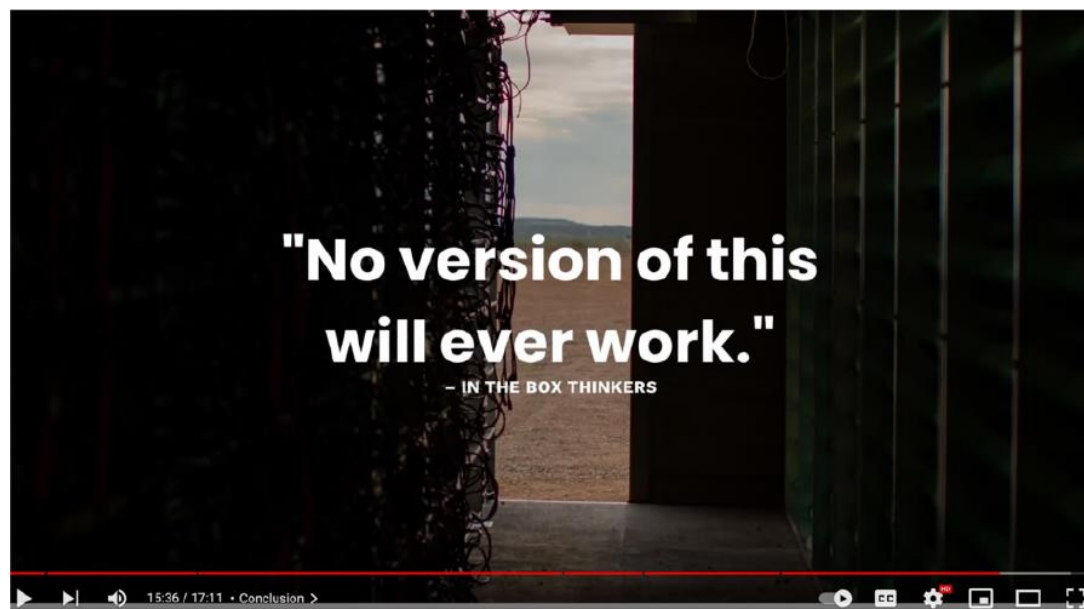
Upstream failed to show nexus

CNN article

A group of Wall Street analysts has a unique idea to allow shale producers in Texa's oil-rich Permian Basin to profit from the massive amount of natural gas that is currently being wasted as a result of shale extraction: harness it to power a Bitcoin mining operation.

EX2018, 4 (cited in POR, 27)

TED talk



EX2019, 15:36 (cited in POR, 28)