

**UNITED STATES PATENT AND TRADEMARK OFFICE**

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**BEFORE THE PATENT TRIAL AND APPEAL BOARD**

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LIBERTY ENERGY, INC. AND LIBERTY OILFIELD SERVICES LLC,  
Petitioners,

v.

U.S. WELL SERVICES, LLC,  
Patent Owner.

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IPR2025-00031  
U.S. Patent No. 10,655,435

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**PATENT OWNER'S UPDATED EXHIBIT LIST**  
**(as of September 26, 2025)**

**PATENT OWNER'S UPDATED EXHIBIT LIST**

| <b>Exhibit No.</b> | <b>Description</b>                                                                                                                                                                                                                |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2001               | U.S. Pat. Pub. No. 2017/0226842, Gregoire Omont et al., "Monitoring Health of Additive Systems" ("Omont842"), PCT application filed July 31, 2015, published Aug. 10, 2017.                                                       |
| 2002               | <i>Threshold</i> , Merriam-Webster.com, <a href="https://www.merriamwebster.com/dictionary/threshold">https://www.merriamwebster.com/dictionary/threshold</a> (last visited Jan. 22, 2025).                                       |
| 2003               | <i>Threshold</i> , CollinsDictionary.com, <a href="https://www.collinsdictionary.com/us/dictionary/englishword/threshold">https://www.collinsdictionary.com/us/dictionary/englishword/threshold</a> (last visited Jan. 30, 2025). |
| 2004               | <i>Threshold</i> , Britannica.com, <a href="https://www.britannica.com/dictionary/threshold">https://www.britannica.com/dictionary/threshold</a> (last visited Jan. 29, 2025).                                                    |
| 2005               | <i>Rate</i> , Merriam-Webster.com, <a href="https://www.merriamwebster.com/dictionary/rate">https://www.merriamwebster.com/dictionary/rate</a> (last visited Jan. 22, 2025).                                                      |
| 2006               | Patent Case Scheduling Order, <i>U.S. Well Services, LLC, et al v. Liberty Energy, Inc.</i> , et al, 4:2-cv-008939-KPE (S.D. Tex.), ECF No. 30.                                                                                   |
| 2007               | Petitioner's Invalidity Contentions Cover Pleading, <i>U.S. Well Services, LLC, et al v. Liberty Energy, Inc.</i> , et al, 4:2-cv-008939-KPE (S.D. Tex.).                                                                         |
| 2008               | USPTO Announcement Rescinding Memo                                                                                                                                                                                                |
| 2009               | Declaration of Richard H. Quarles ISO PHV                                                                                                                                                                                         |
| 2010               | Declaration of Dr. Michael Nikolaou                                                                                                                                                                                               |
| 2011               | C.V. of Dr. Michael Nikolaou                                                                                                                                                                                                      |
| 2012               | Deposition of Dr. Robert Durham                                                                                                                                                                                                   |

|      |                                                                                                                                                                                                                                     |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2013 | <i>Acceptable</i> , CollinsDictionary.com,<br><a href="https://www.collinsdictionary.com/us/dictionary/english/acceptable">https://www.collinsdictionary.com/us/dictionary/english/acceptable</a><br>(last visited August 20, 2025) |
| 2014 | <i>Acceptable</i> , Cambridge.org,<br><a href="https://dictionary.cambridge.org/us/dictionary/english/acceptable">https://dictionary.cambridge.org/us/dictionary/english/acceptable</a> (last<br>visited August 20, 2025)           |
| 2015 | Desired, CollinsDictionary.com,<br><a href="https://www.collinsdictionary.com/us/dictionary/english/desired">https://www.collinsdictionary.com/us/dictionary/english/desired</a> (last<br>visited August 20, 2025)                  |
| 2016 | Memorandum And Order, Case 4:24-cv-00839 Document 111, Filed<br>on 05/30/25 in TXSD                                                                                                                                                 |
| 2017 | Order Adopting Claim Construction Memorandum & Order, Case<br>4:24-cv-00839 Document 128, Filed 07/07/25 in TXSD                                                                                                                    |

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Patent 10,655,435 B2

Patent Owner's Updated Exhibit List

Dated: September 26, 2025

Respectfully submitted,

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***Lead Counsel for Patent Owner***

**CERTIFICATE OF SERVICE**

I hereby certify that on this 19th day of September 26, 2025, I caused to be served a true and correct copy of the foregoing "Patent Owner's Updated Exhibit List" and accompanying exhibits by electronic mail on the following:

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Dated: September 26, 2025

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