

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

INTELLIGENT WELLHEAD SYSTEMS, INC.,
Petitioner,

v.

DOWNING WELLHEAD EQUIPMENT, LLC,
Patent Owner.

IPR2024-00300
U.S. Patent 11,560,770

PATENT OWNER'S UPDATED EXHIBIT LIST

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February 19, 2025

Exhibit	Description
Ex.2001	Wayback Machine - Downing Continuous Pumping Web Page
Ex.2002	Downing Continuous Pumping WordPress Page
Ex.2003	Tim Marvel Email RE Continuous Pumping Webpage with Attachment
Ex.2004	Marvel LinkedIn Post 1/12/2020
Ex.2005	Declaration of Tim Marvel
Ex.2006	Declaration of John Hughett
Ex.2007	CV of John Hughett
Ex.2008	Deposition Exhibit – SLB Energy Glossary, “zipper manifold”
Ex.2009	Deposition Exhibit – SLB Energy Glossary, “missile”
Ex.2010	Deposition Exhibit – SLB Energy Glossary, “gate valve”
Ex.2011	Deposition Exhibit – Annotated Fig. 5 of US2019/0233275 (Carr)
Ex.2012	Declaration of John Hughett in Support of Patent Owner Response
Ex.2013	Deposition Transcript of Robert A. Durham (Aug. 15, 2024)
Ex.2014	Downing Continuous Pumping Website (Sept. 16, 2024)
Ex.2015	Gulf Energy Excellence Awards 2023 Winners (Sept. 16, 2024)
Ex.2016	Gulf Energy Excellence Awards 2023 Finalists (Sept. 16, 2024)
Ex.2017	Wayback Machine - Gulf Energy Excellence Awards Methodology 2023 (archived Jun. 1, 2023)

Exhibit	Description
Ex.2018	Wayback Machine - Gulf Energy Excellence Awards Nominations 2023 (archived Mar. 4, 2024)
Ex.2019	Downing 2023 Gulf Energy Award Submission
Ex.2020	Liberty News - Liberty Announces Milestone Achievement of 24 Hours of Continuous Pumping Time (dated Sept. 27, 2021)
Ex.2021	Xstim Consulting, www.xstimconsulting.com (Sept. 17, 2024)
Ex.2022	XStim Consulting - About Us, www.xstimconsulting.com/about-us (Sept. 17, 2024)
Ex.2023	XStim Consulting – Fourteen Forty Pump Time Record, www.xstimconsulting.com/news/fourteen-forty-pump-time-record (Sept. 17, 2024)
Ex.2024	Downing LinkedIn Post – Aaron Dressel https://www.linkedin.com/posts/downingusa_permianbasin-permian-eagleford-activity-6849475549518192640-tX5_/ (Sept. 11, 2024)
Ex.2025	Q2 2023 Occidental Petroleum Corp Earnings Call of Aug. 3, 2023, https://www.oxy.com/siteassets/documents/investors/quarterly-earnings/oxy2q23transcript.pdf
Ex.2026	Downing LinkedIn Post – Occidental https://www.linkedin.com/posts/downingusa_haynesville-midcon-permianbasin-activity-7094430459455033344-jm8R?trk=public_profile_like_view (Sept. 16, 2024)
Ex.2027	Downing LinkedIn Post – Addison Kowal https://www.linkedin.com/posts/downingusa_permianbasin-permian-eagleford-activity-6885324063816912896-4RM4/ (Sept. 11, 2024)

Exhibit	Description
Ex.2028	Chesapeake Energy Corporation Reports 2023 Second Quarter Results, Aug 1, 2023 (https://investors.chk.com/2023-08-01-CHESAPEAKE-ENERGY-CORPORATION-REPORTS-2023-SECOND-QUARTER-RESULTS)
Ex.2029	Downing LinkedIn Post – Chesapeake https://www.linkedin.com/posts/downingusa_haynesville-midcon-permianbasin-activity-7092898981432754176-zo98?trk=public_profile_like_view/ (Sept. 17, 2024)
Ex.2030	Wayback Machine – Different Types of Pumps – Positive Displacement Pumps, https://web.archive.org/web/20200812201325/https://www.processindustryforum.com/article/different-types-pumps-positive-displacement-pumps (archived Aug. 12, 2020)
Ex.2031	US Patent Application Pub. No. 2021/0054727
Ex.2032	Declaration of Timothy Marvel in Support of Patent Owner Response
Ex.2033	Deposition Transcript of Robert A. Durham (Jan. 28, 2025)
Ex.2034 (NEW)	Patent Owner's Oral Argument Demonstratives

Respectfully submitted,

Dated: February 19, 2025
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CERTIFICATE OF SERVICE

The undersigned certifies that, in accordance with 37 C.F.R. § 42.6(e),
service was made on Petitioner as detailed below.

Date of service February 19, 2025

Manner of service Electronic Service by E-mail:
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Documents served **Patent Owner's Updated Exhibit List and Ex.2034**

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