

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

WEATHERFORD INTERNATIONAL, LLC;
WEATHERFORD/LAMB, INC.;
WEATHERFORD US, LP; and WEATHERFORD
ARTIFICIAL LIFT SYSTEMS, LLC
Petitioners

v.

PACKERS PLUS ENERGY SERVICES INC.,
Patent Owner

Case IPR2016-01509
Patent 7,861,774

**EXCLUSIVE LICENSEE RAPID COMPLETIONS LLC'S UPDATED
EXHIBIT LIST (AS SERVED ON OPPOSING COUNSEL)**

Mail Stop "PATENT BOARD"
Patent Trial and Appeal Board
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Exhibit List	
Exhibit	Description
2003	R. Seale <i>et al.</i> , <i>Effective Stimulation of Horizontal Wells—A New Completion Method</i> , SPE 106357, Society of Petroleum Engineers (2006)
2004	Exploration and Development, Alberta Oil Magazine
2005	<i>Leading the Way: Multistage fracking pioneer Packers Plus</i> plays major role in cracking the tight oil code, Canadian OilPatch Technology Guidebook (2012)
2006	Financial Post, “ <i>Entrepreneur of the Year: National Winner</i> ”
2007	<i>Innovation—Groundbreaking Innovation in Calgary</i> , Calgary Herald (Feb. 12, 1014)
2008	J. Chury, <i>Packers Plus Technology Becoming the Industry Standard</i> , The Oil Patch Report (Dec. 2010/Jan. 2011)
2009	P. Roche, <i>Open-Hole or Cased and Cemented</i> , New Technology Magazine (Nov. 2011)
2010	R. Ghiselin, Qittitut Consulting, <i>Sleeves vs. Shots—The Debate Rages</i> (Aug. 2011)
2011	Van Dyke, Kate, “ <i>Fundamentals of Petroleum</i> ,” Fourth Ed. (1997)
2012	“Proven Performance: Read how Packers Plus systems and solutions have delivered results around the world,” Packers Plus Energy Services Inc., accessed May 24, 2016, http://packersplus.com/proven-performance/?type=case-study&system=stackfrac-hd-system&pag=3%20#p3
2013	A. Casero, <i>Open Hole Multi-Stage Completion System in Unconventional Plays: Efficiency, Effectiveness and Economics</i> , SPE 164009 (2013)
2014	<i>Encyclopedia of Hydrocarbons</i> , Chapter 3.1: Upstream technologies
2015	D. Lohoefer, <i>Comparative Study of Cemented versus Uncemented Multi-Stage Fractured Wells in the Barnett Shale</i> , SPE 135386, Society of Petroleum Engineers (2010)
2016	Ali Daneshy Deposition Transcript (11/9/2016)
2017	Packers Plus advertising brochure (2010)
2018	Baker Hughes, “FracPoint Completion System Isolated Openhole Horizontal Well in Lower Huron Shale” (2011)

2019	Baker Hughes, Enhancing Well Performance Through Innovative Completion Technologies,” presentation, (Sept. 10-12, 2012)
2020	Canadian Society for Unconventional Resources, Press Release, “Unconventional Industry Awards Innovative Thinking” (Oct. 3, 2012)
2021	Complaint, Rapid Completions LLC v. Baker Hughes, et al., filed July 31, 2015
2022	Defendants’ Invalidity Contentions cover document, served January 19, 2016
2023	Thomson invalidity contention chart, U.S. Patent 7,861,774
2024	Rapid Completions LLC’s Infringement Contentions transmittal email, dated November 23, 2015
2025	Bates-stamped D. W. Thomson, “Design and Installation of a Cost Effective Completion System for Horizontal Chalk Wells Where Multiple Zones Require Acid Stimulation”, (1997)
2026	Bates-stamped A.B. Yost, “Production and Stimulation Analysis of Multiple Hydraulic Fracturing of a 2,000-ft Horizontal Well” (1989)
2027	Defendants’ initial invalidity contention metadata, dated January 19, 2016
2028	List of attorneys docket sheet from Case No. 6:15-cv-00724; Rapid Completions v. Baker Hughes et al.
2029	Deposition of Leah Burrati, dated May 18, 2016
2030	Defendants’ Second Amended Invalidity Contentions, served August 11, 2016
2031	Defendants’ amended invalidity contention metadata, dated August 11, 2016
2032	U.S. Patent 7,861,774 - Yost invalidity chart, served August 11, 2016
2033	U.S. Patent 7,861,774 - Lane-Wells invalidity chart, served August 11, 2016
2034	Email from Green email to Nemunaitis, dated July 11, 2016
2035	Weatherford letter brief regarding Motion for Summary Judgment of Indefiniteness, dated September 20, 2016
2036	Baker Hughes letter brief regarding Motion for Summary Judgment of Indefiniteness, dated September 20, 2016
2037	Email from Nemunaitis to Payne, dated September 19, 2016

2038	Weatherford's Expedited Motion to Stay Pending <i>Inter Partes</i> Review Proceedings, filed September 13, 2016
2039	Weatherford presentation titled, "Openhole Completion Systems"
2040	<i>Halliburton v. Packers Plus</i> , Fourth Amended Petition
2041	Baker Hughes' and Peak Completions' Subpoena to Halliburton
2042	<i>Rapid Completions v. Baker Hughes</i> , et al. Order dismissing Pegasi
2043	Declaration of M. Delaney
2044	Vikram Rao Deposition Transcript
2045	Westin, Scott, <i>Private Property</i> , PwC, (Jan. 2, 2013)
2046	Yager, David, <i>Court Case Now On: It's Packers Plus Versus The World – Here's What's at Stake for Multi-stage Horizontal Completion Companies</i> , EnergyNow Media (Feb. 23, 2017)
2047	BH00364675, CONFIDENTIAL Ball activated sliding sleeves report
2048	UNREDACTED J.J. Girardi Decl.
2049	REDACTED J.J. Girardi Decl.
2050	UNREDACTED H. McGowen Decl.
2051	REDACTED H. McGowen Decl.
2052	Baker Hughes Design Documents
2053	Packers Plus Design Document
2054	Rigzone, Schlumberger Acquires Stake in Packers Plus (Nov. 22, 2005)
2055	Britt, L. and Smith, M., <i>Horizontal Well Completion, Stimulation Optimization, and Risk Mitigation</i> , SPE 125526 (2009)
2056	Packers Plus case study, StackFRAC system provides superior production economics
2057	Packers Plus Case Study, StackFRAC HD system enables high stimulation rates
2058	Packers Plus StackFRAC Video, http://packersplus.com/solution/stackfrac-hd-system/
2059	Baker Hughes FracPoint Video, https://www.youtube.com/watch?v=s5ZQCRRZzXE
2060	reserved
2061	Business News Network Packers Plus Feature

2062	Ingersoll, C, "BP and the Deepwater Horizon Disaster of 2010" (Apr. 3, 2012)
2063	Crosby, D.G., "Methodology to Predict the Initiation of Multiple Transverse Fractures from Horizontal Wellbores" (2001)
2064	Kaiser, P., "Hydraulic Fracturing Mine Back Trials – Design Rationale and Project Status" (2013)
2065	Stoltz, L.R., "Probabilistic Reserves Assessment Using A Filtered Monte Carlo Method In a Fractured Limestone Reservoir" SPE 39714 (1998)
2066	Emanuele, M. A., "A Case History: Completion and Stimulation of Horizontal Wells with Multiple Transverse Hydraulic Fractures in the Lost Hills Diatomite" SPE 39941 (1998)
2067	Gaynor, Tom M., "Tortuosity Versus Micro-Tortuosity – Why Little Things Mean a Lot" SPE/IADC 67818 (2001)
2068	Cramer, David, "Stimulating Unconventional Reserviors: Lessons Learned, Successful Practices, Areas for Improvement" SPE 114172 (2008)
2069	Ahmadzamri, A.F., "Development and Testing of Advanced Wireline Conveyance Technology for Rugose Open Hole Conditions" IPTC 17442 (2014)
2070	Calixto, Eduardo, "Gas and Oil Reliability Engineering, Modeling and Analysis" 2nd Edition (2016)
2071	Cramer, D.D., "The Application of Limited-Entry Techniques in Massive Hydraulic Fracturing Treatments" SPE 16189 (1987)
2072	Lloyd, B., "Rotary steerable drilling improves deployment of advanced completion" World Oil, January 2011
2073	reserved
2074	Feng Yuan, "Single-Size-Ball Interventionless Multi-Stage Stimulation System Improves Stimulated Reservoir Volume and Eliminates Milling Requirents: Case Studies, SPE171183-MS, 2014
2075	A.B. Yost, "Hydraulic Fracturing of a Horizontal Well in a Naturally Fractured Reservoir: Gas Study for Multiple Fracture Design," SPE 17759, 1988

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.