In the Matter Of:

LUBRIZOL SPECIALTY PRODUCTS V BAKER HUGHES

4:15-cv-02915

BRIAN DUNN, PH.D.

February 09, 2016

Baker Hughes Incorporated
Exhibit 1039
BAKER HUGHES v. LUBRIZOL
IPR2016-01896

J0284735 eb

IN THE UNITED STATES DISTRICT COURT
FOR THE SOUTHERN DISTRICT OF TEXAS
HOUSTON DIVISION

LUBRIZOL SPECIALTY PRODUCTS, INC.
*
VS. * CIVIL ACTION NO. 4:15-cv-02915
*
BAKER HUGHES INCORPORATED

VIDEOTAPED 30(b)(6) DEPOSITION OF BRIAN DUNN, PhD

UPON RECEIPT OF SIGNATURE, THE ORIGINAL OF THIS DEPOSITION WILL BE IN THE CUSTODY OF:

Robert J. McAughan, Jr., Esquire
Sutton McAughan Deaver PLLC
Three Riverway, Suite 900
Houston, Texas 77056

Date Edith A. Boggs, CSR

2-9-16 HOUSTON, TEXAS

30(b) (6) DEPOSITION OF BRIAN DUNN, PhD

DEPOSITION AND ANSWERS of BRIAN DUNN, PhD, taken before Edith A. Boggs, a certified shorthand reporter in Harris County for the State of Texas, taken at the law offices of Weil, Gotshal & Manges LLP, 700 Louisiana, Suite 1700, Houston, Texas, on the 9th day of February, 2016, between the hours of 9:00 a.m. and 2:26 p.m.

APPEARANCES

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ALSO PRESENT:

Mr. Anthony Matheny
Ms. Suzanne F. Day
Mr. Chris Lonvick
Mr. Bill Hartley, Videographer

REPORTED BY:

Ms. Edith A. Boggs

[redacted]

Q. (BY MR. MCAUGHAN) Now, if we go on in the claim, the claim requires that as a part of this introduction step, you produce a treated liquid hydrocarbon where the viscosity of the treated liquid hydrocarbon is not less than the viscosity of the liquid hydrocarbon prior to treatment with the drag reducing polymer. Do you see that?

A. Yes, I do.

Q. As of the date Lubrizol filed the complaint alleging this patent was infringed, what evidence did it have that Baker Hughes introduced a polymer into a

hydrocarbon such that the viscosity of the treated liquid hydrocarbon was not less than the viscosity of the liquid hydrocarbon prior to treatment?

A. The DRA polymers are not capable of reducing the viscosity of the treated liquid hydrocarbon. They simply don't work that way in a technical -- from a technical perspective.

Q. What do you mean by that?

A. By that, I mean when you dissolve a polymer in a solvent, the viscosity does not decrease. The viscosity can only increase when a polymer is dissolved in a solvent.

Q. Now, is that true for all polymers --

A. Yes.

Q. -- and all solvents?

A. Yes, it is.

Q. So, any time you have a polymer dissolving in a solvent, you will have the viscosity of the treated solvent being not less than the viscosity of the solvent prior to treatment; is that correct?

A. That is correct.

Q. Okay. And that's going to be true of all drag reducing polymers and all hydrocarbons?

A. That's the nature of how the drag reduction works.