



## PREDICT-K “TIP OF THE MONTH”

### Proppant Manager

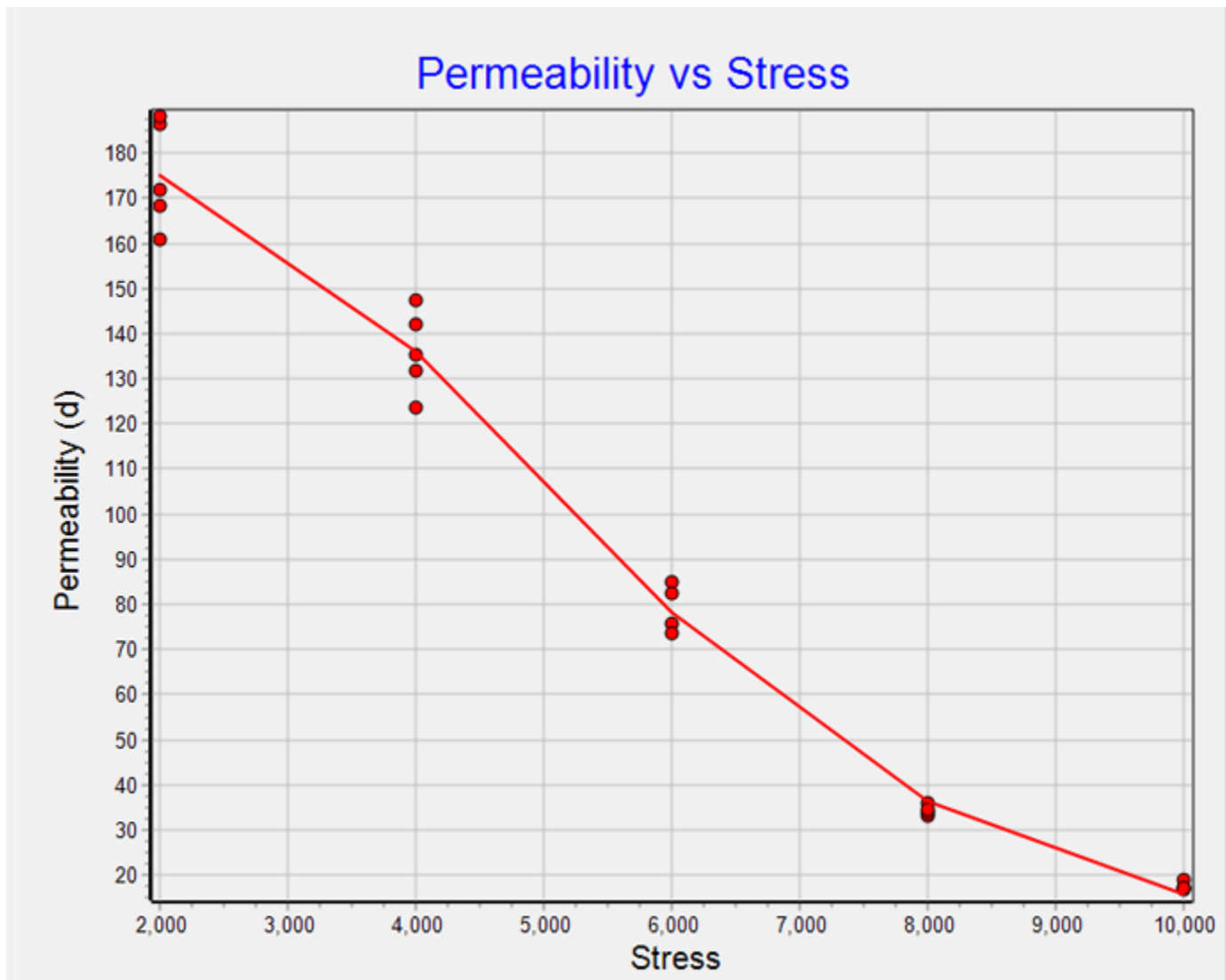
Proppant Manager provides important support to Predict-K in a number of ways. Primarily, Proppant Manager acts as the background database for all of the Proppant Consortium testing data where correlations are performed and developed on each individual proppant. Mining this database can offer valuable insight into further understanding the results of your Predict-K runs. By looking at the number and age of tests for different proppants, you can be sure that the simulated difference between two proppants is reasonable when the data quality is high.

#### Tests

<i>Selected</i>	<i>Release</i>	<i>Test Type</i>	<i>Source</i>	<i>Date</i>	<i>Project No.</i>	<i>Conc.</i>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/26/2015	2014	0.5
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/26/2015	2014	0.5
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	0.25
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	0.25
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	0.25
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	0.25
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	0.25
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Baseline ▼	Stim-Lab	1/29/2015	2014	1

Tests section for a proppant with high data quality

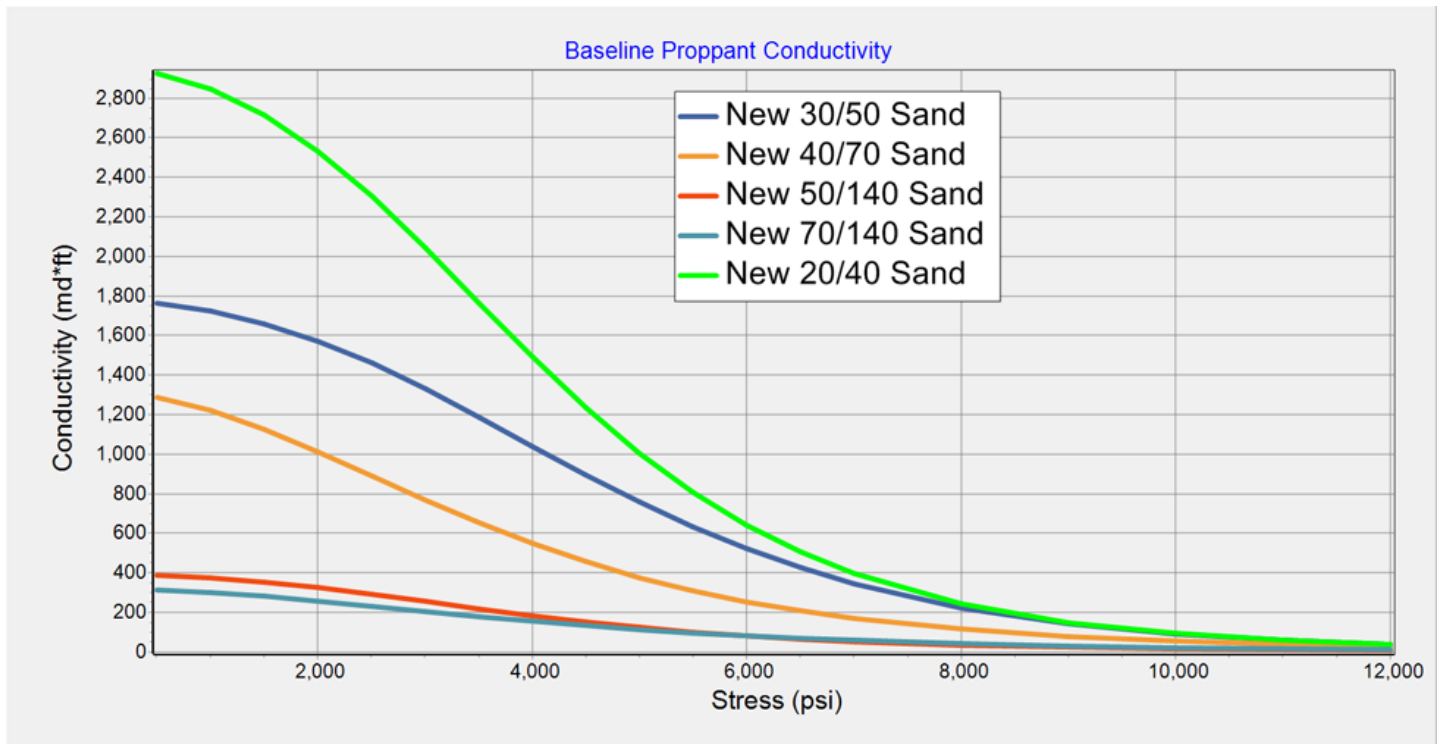
By digging deeper into the individual test results, you can gain even more confidence in the simulated performance when the data shows a consistent character of the permeability versus stress curve across many tests as can be seen in the figure below.



### Consistent Test Results

These results are further validated by the included physical property testing that shows differences in crush percentages and other factors together for many proppants.

Another benefit that Proppant Manager provides is the ability to include additional test data into Predict-K through the use of personal Proppant Manager databases. This data can include published or provided data used with appropriate caution or private data created through testing at Stim-Lab or in your company's proppant lab. After inputting data and performing the regressions, the new database can be exported to Predict-K for use. For more details please visit <http://corelab.com/stimlab/training-videos> (direct links are also available at the bottom of this email).



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Predict-K Training Videos (opens in YouTube):

1. [How to obtain your license for Predict-K and Proppant Manager](#)
2. [Predict-K Main Screen](#)
3. [Quick Entry](#)
4. [Predict-K General Structure](#)
5. [Creating a New Proppant Manager Database](#)
6. [Running the Proppant Manager Correlations](#)
7. [Exporting Proppant Manager Results to Predict-K](#)
8. [Baseline Conductivity](#)    [Demonstration Base Project for Videos 8 - 10](#)
9. [Dynamic Conductivity](#)
10. [Production Analysis Overview](#)

11. [Adding Production Data to Predict-K](#)   [Demonstration Base Project for Video 11](#)   [Simulated Production Data Excel File](#)

12. [Matching Production Data](#)

Stim-Lab Inc. | [www.stimlab.com](http://www.stimlab.com) | 7118 N Hwy 81 | Duncan, OK 73533 | 580-252-4309