

## Well Stage Completion Reporting Template

Template Name:	UL_WellStageCompletionReportingTemplate.csv
File Format:	Comma-Separated Values (.csv)
Code:	WELL_STAGE_COMPLETION
Version:	1
Publish Date:	11/01/2019

### Description

The well stage completion reporting template is used to collect data for each stage of an operator's well on University Lands. This template is provided for ease of system integration and can be opened in text editors and MS Excel. **Please be careful of the data type formatting when opening in Excel, it can change the intended data type of the fields.** The first 3 line are reserved for identifying the file when uploading to the Well Data Portal and cannot be changed.

TEMPLATE_CODE	VERSION			
WELL_STAGE_COMPLETION	1			
API	UWI	Stage Number	Stage Start Date (MM/DD/YYYY	...(continued)

- Line 1 & 2 identify the template and version
- Line 3 is the data field column names

### Data Definitions

Field Name	Required	Data Type (Precision, Scale)	Description
API	Yes / or UWI	String	10 digit American Petroleum Institute well identifier. Record must contain this or the UWI to be processed.
UWI	Yes / or API	String	14 digit Unique Well Identifier. The first 10 digits are the API number and the last 4 represent the completion sequence.
Well Name	Yes	String	The lease name of the RRC Lease.
Stage Number	Yes	Integer	Number of the stage being reported.
Stage Start Date	Yes	Date	Date stage completion activities began.
Stage End Date		Date	Date stage completion activities ended.
Perf Top	Yes	Integer	The measured depth in feet of the top perforation for the completion
Perf Bottom	Yes	Integer	The measured depth in feet of the bottom perforation for the completion
Number of Perforations	Yes	Integer	Number of perforations in stage.
Stage Length	Yes	Decimal (7,1)	Length of the stage in feet
Cluster Spacing	Yes	Decimal (7,1)	The cluster spacing in feet



Total Clusters	Yes	Integer	The total number of clusters for the stage
Proppant #1 Type	Yes	String	The type of the 1 <sup>st</sup> proppant pumped
Proppant #1 Size	Yes	String	The size of the 1 <sup>st</sup> proppant pumped
Total Proppant #1	Yes	Float	The amount of the 1 <sup>st</sup> proppant pumped in pounds (lbs)
Proppant #2 Type		String	The type of the 2 <sup>nd</sup> proppant pumped
Proppant #2 Size		String	The size of the 2 <sup>nd</sup> proppant pumped
Total Proppant #2		Float	The amount of the 2 <sup>nd</sup> proppant pumped in pounds (lbs)
Total Well Proppant	Yes	Float	Total amount of all proppant pumped in pounds (lbs)
Fluid #1 Type	Yes	String	The type of the 1 <sup>st</sup> fluid pumped
Fluid #1 Volume	Yes	Float	The volume of the 1 <sup>st</sup> fluid pumped in barrels (bbl)
Fluid #2 Type		String	The type of the 2 <sup>nd</sup> fluid pumped
Fluid #2 Volume		Float	The volume of the 2 <sup>nd</sup> fluid pumped in barrels (bbl)
Total Clean Fluid		Float	Total clean fluid pumped for the well in barrels (bbl)
Avg Pumping Pressure	Yes	Float	Average pumping pressure (surface) in pounds per square inch (psi)
Max Pump Rate		Decimal (6,1)	Max pumping rate in barrels per minute (bpm)
Avg Pump Rate		Decimal (6,1)	Average pumping rate in barrels per minute (bpm)
Final ISIP		Float	The ISIP in pounds per square inch (psi)
Min Sand Concentration		Decimal (5,2)	Min proppant concentration in pounds per gallon (ppg)
Max Sand Concentration		Decimal (5,2)	Max proppant concentration in pounds per gallon (ppg)
Total Recycled Fluid		Decimal (9,1)	Total volume of the recycled fluid pumped in barrels (bbl)
Percent Recycled Fluid		Decimal (2,2)	Percentage of the recycled fluid in total clean fluid pumped. Value must be between 0.99 and 0.00
Initial Frac Gradient		Decimal (6,4)	Fracture gradient in pounds per square inch per foot (psi/ft)
Final Frac Gradient		Decimal (6,4)	Fracture gradient in pounds per square inch per foot (psi/ft) (we only need one of those two)