

# ENERGY DATA CONDUIT FRACFOCUS REGISTRY

## GENERAL

The Conduit for FracFocus Registry maintains a local copy of the registry's information, including the upload, purpose, and ingredients tables. We also provide enhanced versions designed specifically for Esri's ArcMap, Tibco's Spotfire, and our own custom Well Finder applications. Enhancements include added EIA basin names, Census Tiger county and state names, and SQL Server native spatial geometries.

## CONDUIT SYSTEMS OF ACCESS

All referenced templates are in the 'FracFocus' folder located inside the master Conduit file folder. Please check with your administrator for the specific Conduit folder location.

## FRACFOCUS REGISTRY INFORMATION IN THE CONDUIT WELL FINDER

The screenshot shows the 'Query 001' window of the Conduit Well Finder. The top table lists wells with columns: API, Well Name, Well #, Lease Name, Operator, Status, Fluid Type, Drill Type, Formation, TVD, State, County, and Basin. The selected well is API 05067099690300, Well Name SOUTHERN UTE TRIBAL BK, Well # 2, Lease Name SOUTHERN UTE TRIBAL BK, Operator BP America Production Company, Status ACTIVE, Fluid Type CBM, Drill Type Unknown, Formation FRUITLAND COAL, TVD 2,512, State COLORADO, County LA PLATA (CO), and Basin SAN JUAN. Below this, the 'FracFocus Jobs / Additives' table shows details for the well, including start/end dates, well name, operator, and water/non-water volumes. The 'FracFocus Ingredients' table lists various chemical components with their CAS numbers, ingredients, and percentages.

API	Well Name	Well #	Lease Name	Operator	Status	Fluid Type	Drill Type	Formation	TVD	State	County	Basin
05123292170100	WUOZER	2-142	WUOZER	WUOLE ENERGY	3PHASE	WAL	UNKNOWN	J SAND	1,222	COLORADO	WELD (CO)	DENVER-JULESBURG
05123332680100	NELSON	17-44-0-60	NELSON	VERDAD RESOURCES LLC	ACTIVE	OIL	Unknown	NOBRARA	6,448	COLORADO	WELD (CO)	DENVER-JULESBURG
05123312410000	PAWNEE 1-17-1		PAWNEE 1-17-1	RUBICON OIL & G	COMPLETED	UNKNOWN	Unknown		8,255	COLORADO	WELD	DENVER-JULESBURG
05067099690300	SOUTHERN UTE TRIBAL BK	2	SOUTHERN UTE TRIBAL BK	BP	ACTIVE	CBM	Unknown	FRUITLAND COAL	2,512	COLORADO	LA PLATA (CO)	SAN JUAN
05067099880300	UTE AB	2	UTE AB	BP	ACTIVE	CBM	Unknown	FRUITLAND COAL	2,507	COLORADO	LA PLATA (CO)	SAN JUAN
05067099880400	UTE AB	2	UTE AB	BP	ACTIVE	CBM	Unknown	FRUITLAND COAL	2,507	COLORADO	LA PLATA (CO)	SAN JUAN
05123110420000	WHITE	8-1	WHITE	EXTRACTION OIL & GAS	P & A	OIL	Unknown	J SAND	7,100	COLORADO	WELD (CO)	DENVER-JULESBURG

#	Start	End	Well	Operator	Water	NonWater	TVD
1	2017/03/11	03/12	Southern Ute Tribal BK2	BP America Production Company	167,037		2,854

#	Purpose	Trade Name	Supplier
1.1	Crosslinker	BC-140	Halliburton
1.2	Biocide	BE-7(TM)	Halliburton
1.3	Base Fluid	Fresh Water	Operator
1.4	Breaker	GBW-3D BREAKER	Halliburton
1.5	Corrosion Inhibitor	HAI-OS ACID INHIBITOR	Halliburton
1.6	Solvent	HCL >10%	Halliburton
1.7	Listed Above	Ingredients	Listed Above
1.8	Non-ionic Surfactant	LOSURF-3000	Halliburton
1.9	Breaker	Optifo H T E	Halliburton
1.10	Proppant	SAND-PREMIUM BROWN-20/40, BULK	Halliburton
1.11	Flow Enhancer	Sand/Wedge(R) NT	Halliburton
1.12	Gelling Agent	WG-36 GELLING AGENT	Halliburton
*		'Listed Below' Ingredients	

#	CAS	Ingredient	% Add	% Job
1.1	Listed Below	Listed Below		
1.2	Listed Below	Listed Below		
1.3	7732-18-5	Water	100.000	83.365
1.4	Listed Below	Listed Below		
1.5	Listed Below	Listed Below		
1.6	Listed Below	Listed Below		
1.7	7732-18-5	Water	100.000	1.729
1.8	Listed Below	Listed Below		
1.9	Listed Below	Listed Below		
1.10	Listed Below	Listed Below		
1.11	Listed Below	Listed Below		
1.12	Listed Below	Listed Below		
*	95-63-6	1,2,4 Trimethylbenzene	1.000	0.001
*	14808-60-7	Crystalline silica, quartz	100.000	14.389
*	14808-60-7	Crystalline silica, quartz	30.000	0.003
*	34590-84-8	Dipropylene glycol monomethyl ether	60.000	0.104
*	64-17-5	Ethanol	60.000	0.046
*	Proprietary	Ethoxylated alcohols	30.000	0.000
*	107-21-1	Ethylene glycol	30.000	0.049



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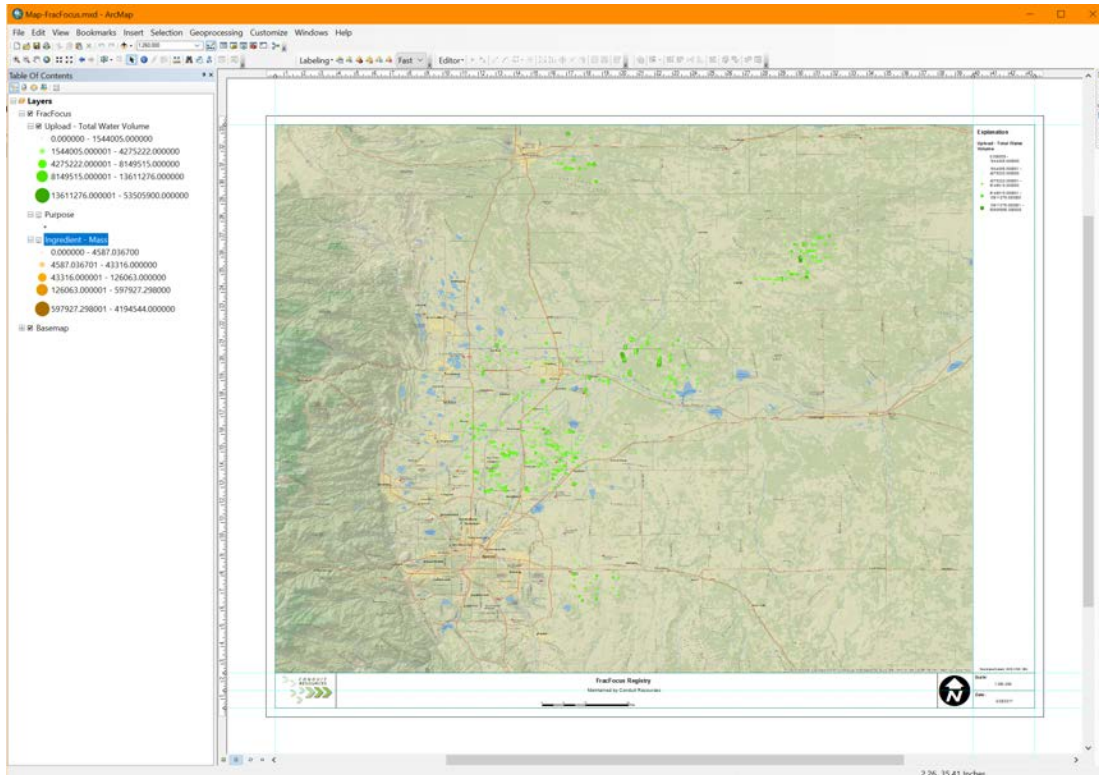
## FRACFOCUS REGISTRY INFORMATION IN ARCMAP

The Conduit FracFocus data comes complete with a ready-to-run Esri ArcMap template for each upload, purpose, and ingredient record. These are spatially built at the well surface location and allow instant bubble mapping based on ingredients and water volumes.

### MAP – FRACFOCUS.MXD

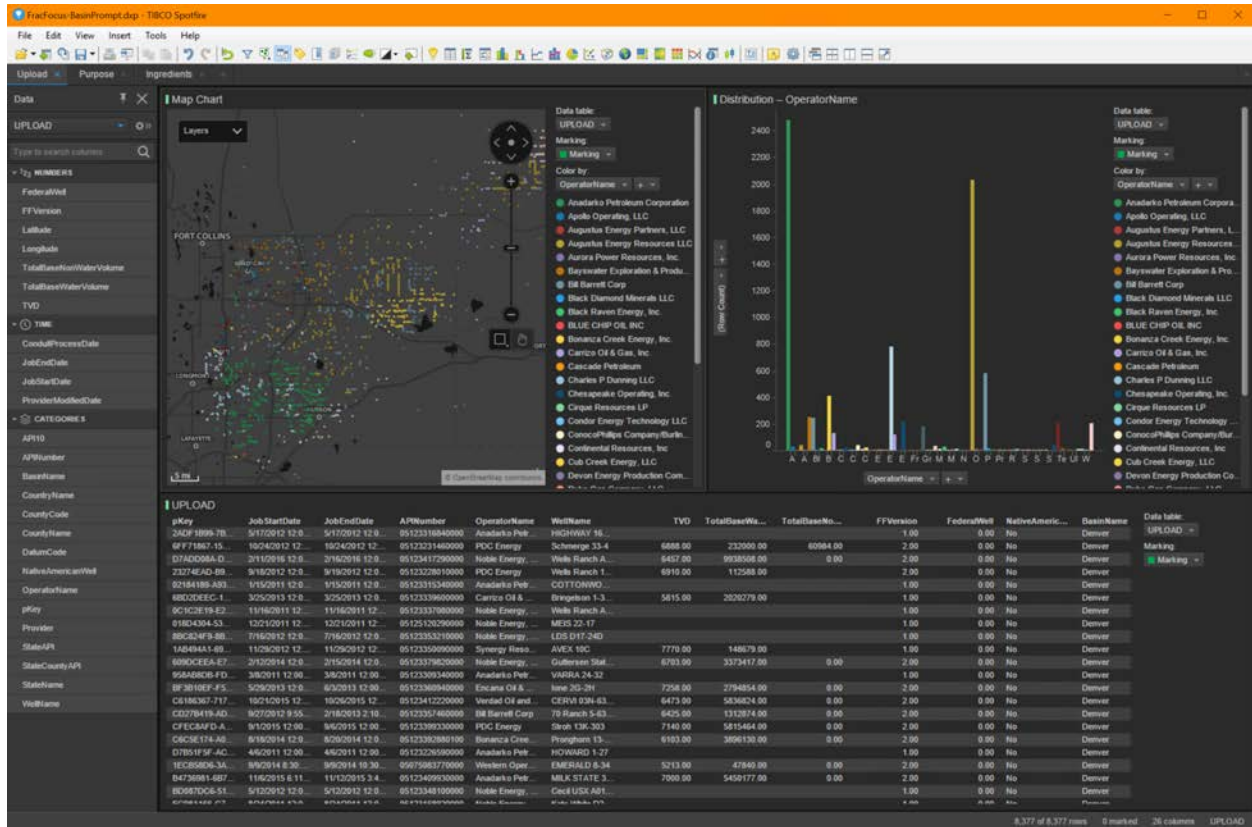
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The ArcMap template includes a print layout in the document for ANSI E (34" x 44") size.



## FRACFOCUS REGISTRY INFORMATION IN SPOTFIRE

We provide several different Spotfire templates, including recent activity, EIA basin, operator, state, and state/county prompts. These templates load, refresh, and relate all 3 tables in Spotfire upon launching the template.



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