

The background features a dark blue gradient with a series of curved, glowing lines that create a sense of depth and movement. On the right side, there is a grid-like pattern that appears to be part of a larger structure, possibly a tunnel or a futuristic architectural element, illuminated from within.

New Features Coming to FracFocus in 2015

THE GROUND WATER PROTECTION COUNCIL

**States Using
FracFocus**

- Montana
- North Dakota
- South Dakota
- Colorado
- Utah
- Oklahoma
- Texas
- Louisiana
- Mississippi
- Ohio
- Pennsylvania
- Alaska
- West Virginia
- Kansas
- Alabama
- Nebraska
- Tennessee
- Nevada
- North Carolina
- Kentucky (7/2015)
- California (Until 2016)

✦ California's use of FracFocus is scheduled to be replaced by an in-house system in 2016

	Chemical Disclosure Required
	Chemical Disclosure Being Proposed
★	States Currently Using FracFocus
⊕	States Considering FracFocus



- States Considering
FracFocus**
- Florida
 - Virginia
 - Michigan
 - Idaho
 - New York
 - Illinois

**Hydraulic Fracturing Chemical
Disclosure State-by-State 4/1/2015**

Data Quality - CAS Number Validation and Trade Secrets

New Google Style Suggest valid CAS #s and possible synonyms > Click synonym and it fills in the Ingredient

MSDS Additive/Chemical Entry

Additive Purpose

Trade Name Supplier Purpose

Additive Ingredients

	CAS #	Ingredient	% High Additive	% HF Job	Comments	Mass	Sum WTR	Water Density	
CAS Number ▾	1310-73-2	Sodium hydroxide	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="text"/>	<input data-bbox="1858 711 1900 735" type="button" value="+"/>

CAS Number Common Names Used

1310-73-2

- CA Index Name Sodium hydroxide
- Caustic soda
- Ascarite
- Soda lye
- Other

Data Quality - CAS Number Validation and Trade Secrets

Require valid CAS# Format

MSDS Additive/Chemical Entry

Additive Purpose

Trade Name

Supplier

Purpose

Remove Additive

Additive Ingredients

	CAS #	Ingredient	% High Additive	% HF Job	Comments	Mass	Sum WTR	Water Density	
CAS Number ▾	qdejkk						<input type="checkbox"/>		+

Save This Additive

Close

Please correct the validation errors marked in red in order to save.

Data Quality - CAS Number Validation and Trade Secrets

Require contact information for any ingredient marked as Trade Secret, Proprietary , CBI ...

Additive Ingredients

	CAS #	Ingredient	% High Additive	% HF Job	Comments	Mass	Sum WTR	Water Density	
Trade Secret ▼	<input type="text"/>	<input type="checkbox"/>		<input data-bbox="1808 683 1850 736" type="button" value="+"/>					

Contact information for Entity Asserting a Trade Secret Claim

Company:

First Name: Last Name:

Email: Phone:

Data Quality- Warning on Using Diesel Fuel

Warning on Using Diesel Fuel CAS Numbers Defined in EPA Guidance

Issue a warning message on validation check to disclosures that contain one of the five CAS numbers identified as Diesel by EPA Guidance #84

- [Warning] CAS # 68476-31-3 is identified as Diesel Fuel by EPA Guidance #84, confirm CAS # for Ingredient : **Fuel oil, no. 4** in Purpose : **5 CAS # Tests**
- [Warning] CAS # 68476-34-6 is identified as Diesel Fuel by EPA Guidance #84, confirm CAS # for Ingredient : **Fuels diesel, No. 2** in Purpose : **5 CAS # Tests**
- [Warning] CAS # 68334-30-5 is identified as Diesel Fuel by EPA Guidance #84, confirm CAS # for Ingredient : **Gas-Oil** in Purpose : **5 CAS # Tests**
- [Warning] CAS # 8008-20-6 is identified as Diesel Fuel by EPA Guidance #84, confirm CAS # for Ingredient : **Kerosene** in Purpose : **5 CAS # Tests**
- [Warning] CAS # 68476-30-2 is identified as Diesel Fuel by EPA Guidance #84, confirm CAS # for Ingredient : **No. 2 Fuel oil** in Purpose : **5 CAS # Tests**

Record Retention and Amendments

Requiring Operators to fill out a text field explaining the reasoning behind amending a record.

Reason for Amending

This is Required for Amending

OK

Prepare Disclosure for FracFoc

Validation Passed with warnings.

Note: This window expires with 10 minutes of inactivity. After that...

Preview Disclosure PDF Validate Disclosure

Hydraulic Fracturing Data

Edit

Job Start Date	Job End Date	API Number
1/18/2014	2/1/2014	03-045-102

Well Name
Diesel CAS # Test Update

Longitude	Latitude	Datum
-92.294396	35.248903	NAD27

Disclosure Lists | Dashboard

Record Retention and Data Release

- All records, originals and amended, are permanently stored in the FracFocus database.
- All disclosure records will be available for download from FracFocus in machine-readable format starting in May.

Distinguishing Between Federal and Indian Lands

Beginning in FracFocus 3.0 an additional checkbox will be added for disclosures that reside on Indian lands. An additional XML element will also be added to account for this change.

If users select the Federal or Indian well's checkbox an additional popup box will be displayed requiring the user to certify the authenticity of the disclosure before being allowed to submit.

Hydraulic Fracturing Data

Entry Method
 MSDS+ System Approach

Job Start Date 1/1/2015	Job End Date 1/1/2015	API Number 42-311-35832	State & County Texas --- McMullen
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Well Name
Systems Approach Example

Longitude -98.5493	Latitude 28.50931	Datum NAD27	<input type="checkbox"/> Federal Well <input checked="" type="checkbox"/> Indian Well
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True Vertical Depth (ft) 10961	Total Water Vol (gal) 6216	Total Non Water Vol 0	Total Mass (lbs)
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BLM Certification for Federal and Indian Lands

ou will be taken back to the disclosure list.

Federal or Indian Well Acceptance of Agreement

Per the Final Hydraulic Fracturing Rule on Federal and Indian Lands (FR Vol. 80, No. 58 / Thursday, March 26, 2015), §3162.3-3 (i) (8) the operator must certify that:

- i. The operator complied with the requirements in §3162.3-3, paragraphs (b), (e), (f), (g), and (h) of the section;
- ii. For Federal lands, the hydraulic fracturing fluid constituents, once they arrived on the lease, complied with all applicable permitting and notice requirements as well as all applicable Federal, State, and local laws, rules, and regulations; and
- iii. For Indian lands, the hydraulic fracturing fluid constituents, once they arrived on the lease, complied with all applicable permitting and notice requirements as well as all applicable Federal and tribal laws, rules, and regulations.

I Accept the terms of the agreement above

eral Well
Well

Searchability

Public Search Improvements

FracFocus will be implementing changes to the public search section of the website that will improve usability of the search form and to improve responsiveness when filtering search results. A PDF bundler will be implemented allowing users to combine disclosure results into a single PDF file.

The screenshot shows the 'Find a Well' search interface. At the top left, the title 'Find a Well' is displayed. To the right, there are two tabs: 'Map Search' and 'Standard Search', with 'Standard Search' being the active tab. Below the tabs is a dark blue header bar with the text 'SEARCH OPTIONS' and a help icon (a question mark in a circle). The main search area contains several input fields and dropdown menus:

- STATE:** A dropdown menu with 'Select State' as the current selection.
- COUNTY:** A dropdown menu with 'Select County' as the current selection.
- OPERATOR:** A dropdown menu with 'Select Operator' as the current selection.
- JOB/SUBMITTED DATE:** A dropdown menu with 'Hydraulic Fracturing' as the current selection.
- RANGE START DATE:** An empty text input field.
- RANGE END DATE:** An empty text input field.
- API WELL NUMBER:** An empty text input field.
- WELL NAME:** An empty text input field.
- CAS NUMBER:** An empty text input field.
- INGREDIENTS:** A large empty text area.

Below these fields are two radio buttons: 'FEDERAL LAND / MINERALS' and 'INDIAN LAND / MINERALS'. To the right of these buttons are two dark blue buttons: 'RESET' and 'SEARCH'. Below the search form is a blue instruction: 'Choose some parameters above and press 'SEARCH' to find some well disclosures.' At the bottom of the page, there is a dark blue footer bar containing the following elements from left to right: 'Download Page as One Pdf', a dropdown menu set to '10 Wells per Page', '0 Results, Showing Page 0 of 0 pages Go', and two buttons: 'Previous Page' and 'Next Page'.

Items for possible addition in a later update

Additional search criteria:

1. Amended records
2. Ingredient: purpose, supplier, trade name...
3. Advanced GIS and/or map based searches

