Form CI-X
Online Filing System Updates

Raquel Foti
February 2024

Critical Designation Exception

The Railroad Commission of Texas (RRC) requires oil and gas operators who are not filing for CID to complete the online Critical Designation Exception (CIX) filing process for facilities that are eligible for an exception to Rule 3.65.

Reminders (1 of 2)

- Deadline to file CIX each year:

March 1st

Production Months: April - September

Filing Months: June - November

September 1st

Production Months: October - March

Filing Months: December - May

Reminders (2 of 2)

- When filing CIX for the first time, there is a one-time fee of $150.
- You must complete the CIX filing process through the RRC Online System.

https://webapps.rrc.texas.gov/security/login.do

Critical Facilities Eligible for Exception

Rule 3.65 (e) (1)

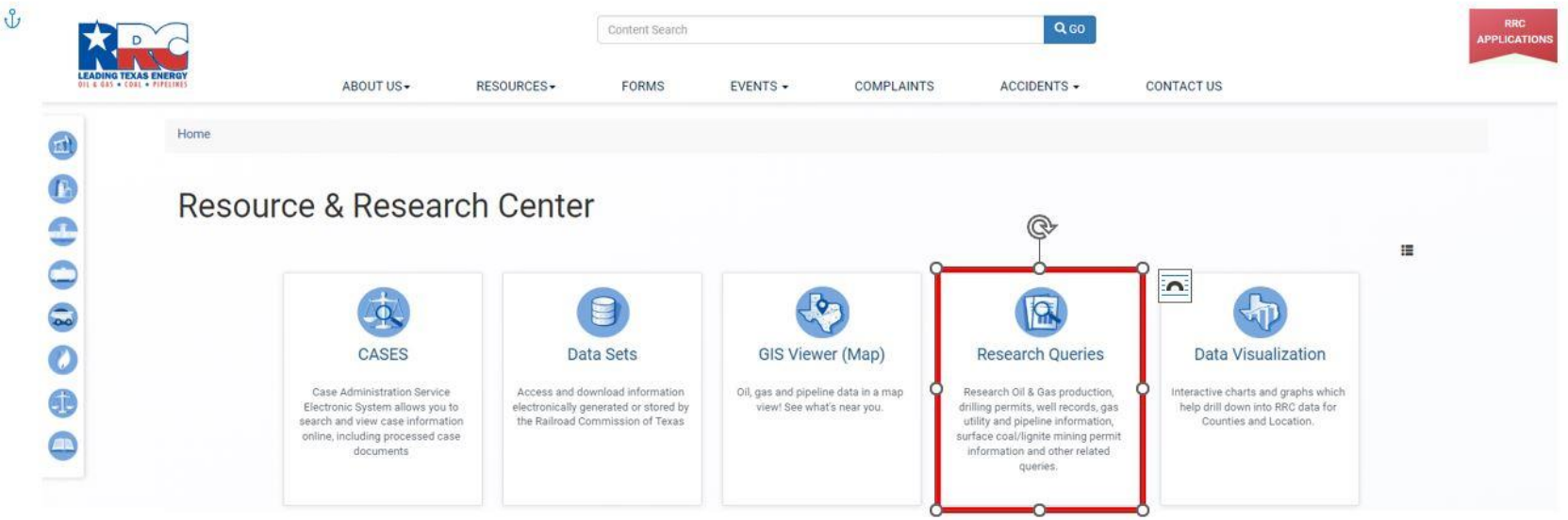
- A facility listed in subsection (b) of this section that is **NOT** included on the electricity supply chain map produced by the Texas Electricity Supply Chain Security and Mapping Committee may apply for an exception.
- An applicant shall demonstrate with objective evidence a reasonable basis and justification in support of the application.

Justification and Evidence (1 of 5)

Examples:

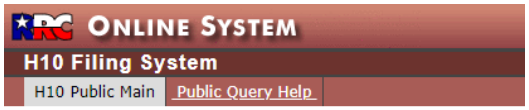
- Gas consumed on site
  - Flare permit, Piping and Instrumentation diagram
- Gas consumed outside of this state
  - Process flow diagram, Aerial Map, Sales Tickets
- Gas not provide for third-party use
  - Private use pipeline – diagram with ins and outs
- SWD does not support critical facilities
  - Copy of permit, 6 months of production
  - P18s for 6 months, list of wells SWD supports

Justification and Evidence (2 of 5)



H-10 Annual Disposal/Injection Well Monitoring Report Query		Launch application
H-9 Certificate of Compliance Statewide Rule 36		Launch application
Inactive Well Aging Report Query	Learn more	Launch application
Inactive Well Query		Launch application
Injection-Storage Permit Query	Learn more	Launch application
Maps - Public GIS Viewer	Learn more	Launch application
New Lease IDs Built Query	Learn more	Launch application
Oil & Gas Imaged Records Menu	Learn more	Query Menu
Organization (P-5) Query	Learn more	Launch application
Orphan Well Query		Launch application
P-4 Gatherer/Purchaser Query	Learn more	Launch application
P-5 Renewal Status Query		Launch application
Production Data Query (limited area)	Learn more	Launch application
Production Data Query System (PDQ) (Statewide)		Launch application
Production Reports Query (Form PR)		Launch application

Justification and Evidence (3 of 5)



H10 Report Query Menu

- Injection Volume Query
- Fluid Type Query
- Filing Cycles by Field
- Search for UIC
- Search for Violations
- Search for H10

Search for H10's

***Search by UIC or API number**

Information for H-10s is only available from January 2007 forward.

UIC Number: API Number: 42 - County/District Lookup

District: -All- Status: -All-

Field Number: Field Query

Lease Number: Lease Query

Operator Number: Operator Query

**** Due Date range**

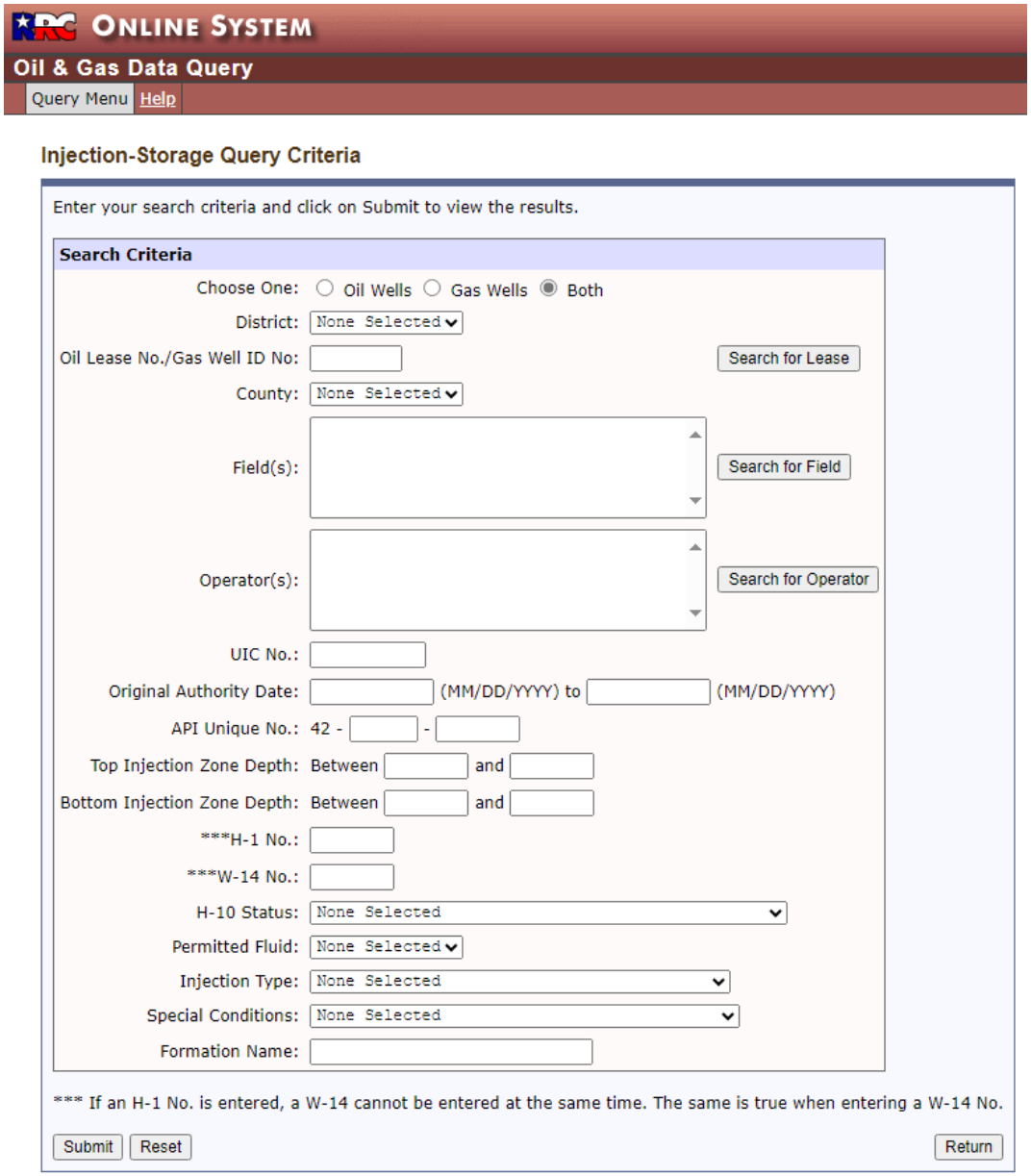
From Month: Nov Year: 2023 **To** Month: Jan Year: 2024

Search Reset

*** If UIC or API number are entered, other fields are ignored.**

**** Lease or Operator number is required to search a date range greater than 3 months.**

Justification and Evidence (4 of 5)



RRC ONLINE SYSTEM

Oil & Gas Data Query

Query Menu | Help

Injection-Storage Query Criteria

Enter your search criteria and click on Submit to view the results.

Search Criteria

Choose One: ○ Oil Wells ○ Gas Wells ◉ Both

District: None Selected

Oil Lease No./Gas Well ID No: [ ] Search for Lease

County: None Selected

Field(s): [ ] Search for Field

Operator(s): [ ] Search for Operator

UIC No.: [ ]

Original Authority Date: [ ] (MM/DD/YYYY) to [ ] (MM/DD/YYYY)

API Unique No.: 42 - [ ] - [ ]

Top Injection Zone Depth: Between [ ] and [ ]

Bottom Injection Zone Depth: Between [ ] and [ ]

***H-1 No.: [ ]

***W-14 No.: [ ]

H-10 Status: None Selected

Permitted Fluid: None Selected

Injection Type: None Selected

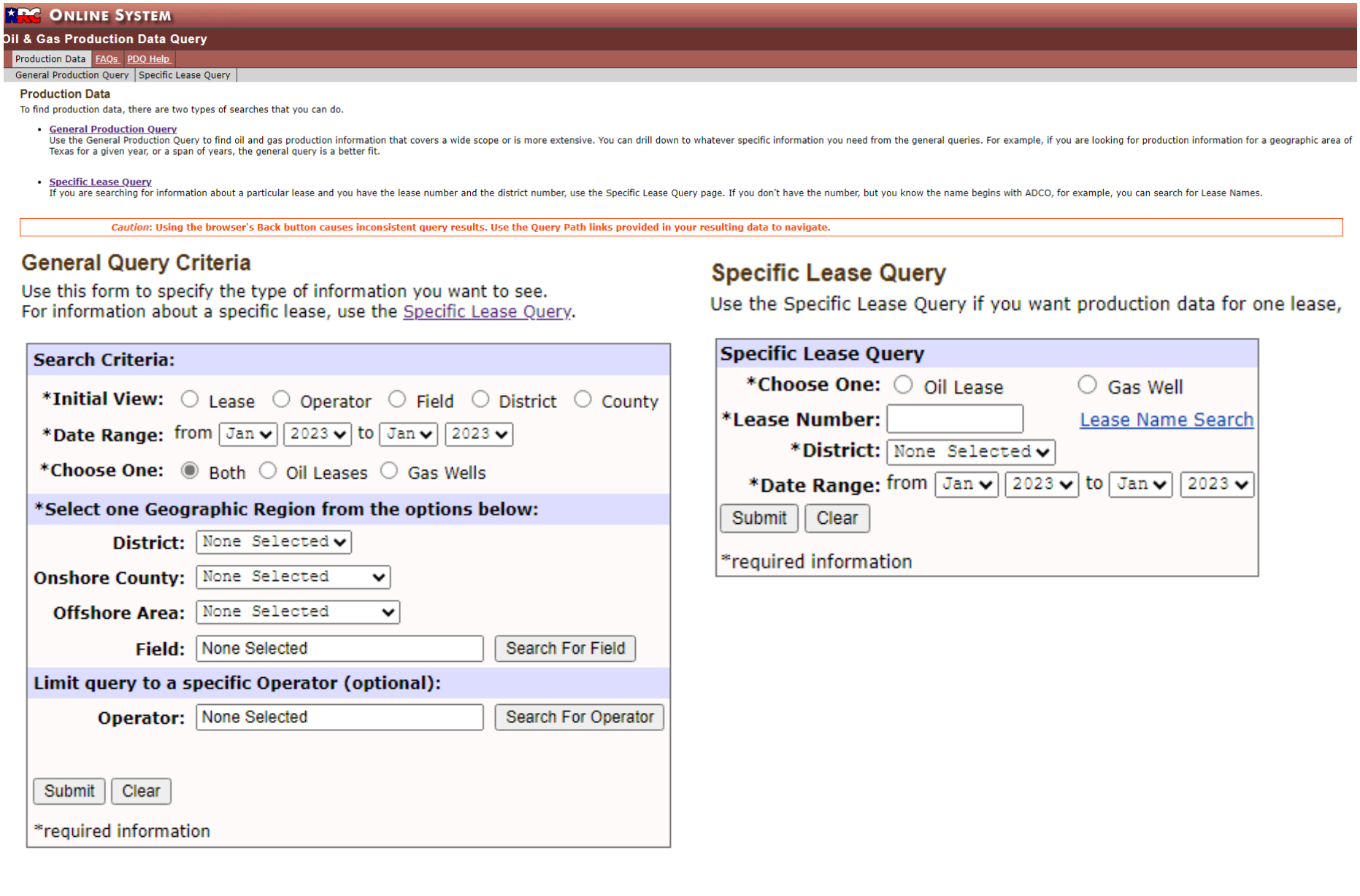
Special Conditions: None Selected

Formation Name: [ ]

*** If an H-1 No. is entered, a W-14 cannot be entered at the same time. The same is true when entering a W-14 No.

Submit | Reset | Return

Justification and Evidence (5 of 5)



RRC ONLINE SYSTEM

Oil & Gas Production Data Query

Production Data | FAQs | PDQ Help

General Production Query | Specific Lease Query

Production Data

To find production data, there are two types of searches that you can do.

- **General Production Query**
  Use the General Production Query to find oil and gas production information that covers a wide scope or is more extensive. You can drill down to whatever specific information you need from the general queries. For example, if you are looking for production information for a geographic area of Texas for a given year, or a span of years, the general query is a better fit.

- **Specific Lease Query**
  If you are searching for information about a particular lease and you have the lease number and the district number, use the Specific Lease Query page. If you don't have the number, but you know the name begins with ADCO, for example, you can search for Lease Names.

Caution: **Using the browser's Back button causes inconsistent query results. Use the Query Path links provided in your resulting data to navigate.**

General Query Criteria

Use this form to specify the type of information you want to see.
For information about a specific lease, use the Specific Lease Query.

Search Criteria:

*Initial View: ○ Lease ○ Operator ○ Field ○ District ○ County

*Date Range: from Jan 2023 to Jan 2023

*Choose One: ◉ Both ○ Oil Leases ○ Gas Wells

***Select one Geographic Region from the options below:**

District: None Selected

Onshore County: None Selected

Offshore Area: None Selected

Field: None Selected [Search For Field]

Limit query to a specific Operator (optional):

Operator: None Selected [Search For Operator]

[Submit] [Clear]

*required information

Specific Lease Query

Use the Specific Lease Query if you want production data for one lease,

Specific Lease Query

*Choose One: ○ Oil Lease ○ Gas Well

*Lease Number: [ ] Lease Name Search

*District: None Selected

*Date Range: from Jan 2023 to Jan 2023

[Submit] [Clear]

*required information

Net Taker (1 of 3)

Consume more energy than produce in MMBTU

- Assume 1 Mcf = 1 MMBtu (Average 1.036)

  Mcf/d = Mcf/month ÷ days in the month

- Provide 6 months of electric bills

  kWh/d = kWh/month ÷ days in the billing cycle

Amount of electric energy (kWh) generated by natural gas:

$$\text{electric energy (kWh)} = \frac{\text{heat content}}{\text{heat rate}}$$

Net Taker (2 of 3)

1,019 Btu/cf	EIA calculated average heat content of natural gas in Texas
1,000 Btu/cf	**RRC adjusted**
7,740 Btu/kWh	EIA calculated average efficiency of natural gas-fired generators

$$\frac{\text{1,000 Btu/cf}}{\text{7,740 Btu/kWh}} = \text{0.12919897 kWh/cf } \textit{or } \text{(129.19897 kWh/mcf)}$$

$$\text{MMBtu/day} = \frac{\text{kWh/d}}{\text{129.19897 kWh/MMBtu}}$$

Net Taker = MMBtu In (Energy) > MMBtu Out (Gas)

Net Taker (3 of 3)

Net Taker = MMBtu In (Energy) > MMBtu Out (Gas)

Month	Energy Usage kWh/month	Energy Usage kWh/day	Conversion Factor kWh/MMBtu ****	Electricity Consumed MMBtu/day	PRODUCED GAS	Days in Month	Production Mcf/d = MMBTU/D	MMBtu/d Produced vs Used
Jun-23	3,519,850.23	117,328.34	129.19897	908.12	20,564	30	685.47	Net Taker
Jul-23	3,248,655.75	104,795.35	129.19897	811.12	19,249	31	620.94	Net Taker
Aug-23	3,498,236.41	112,846.34	129.19897	873.43	21,573	31	695.90	Net Taker
Sep-23	3,589,712.98	119,657.10	129.19897	926.15	18,426	30	614.20	Net Taker
Oct-23	3,618,497.46	116,725.72	129.19897	903.46	19,516	31	629.55	Net Taker
Nov-23	3,984,527.28	132,817.58	129.19897	1028.01	20,589	30	686.30	Net Taker
6 month totals	21,459,480.11	117,264.92	129.19897	907.63	119,917	183.00	655.28	Net Taker

Not Net Taker = MMBtu In (Energy) < MMBtu Out (Gas)

Month	Energy Usage kWh/month	Energy Usage kWh/day	Conversion Factor kWh/MMBtu ****	Electricity Consumed MMBtu/day	PRODUCED GAS	Days in Month	Production Mcf/d = MMBTU/D	MMBtu/d Produced vs Used
Jun-23	3,519,850.23	117,328.34	129.19897	908.12	34,560	30	1152.00	Not Net Taker
Jul-23	3,248,655.75	104,795.35	129.19897	811.12	33,874	31	1092.71	Not Net Taker
Aug-23	3,498,236.41	112,846.34	129.19897	873.43	35,932	31	1159.10	Not Net Taker
Sep-23	3,589,712.98	119,657.10	129.19897	926.15	34,461	30	1148.70	Not Net Taker
Oct-23	3,618,497.46	116,725.72	129.19897	903.46	35,847	31	1156.35	Not Net Taker
Nov-23	3,984,527.28	132,817.58	129.19897	1028.01	33,189	30	1106.30	Not Net Taker
6 month totals	21,459,480.11	117,264.92	129.19897	907.63	207,863	183.00	1135.86	Not Net Taker

EOR Project

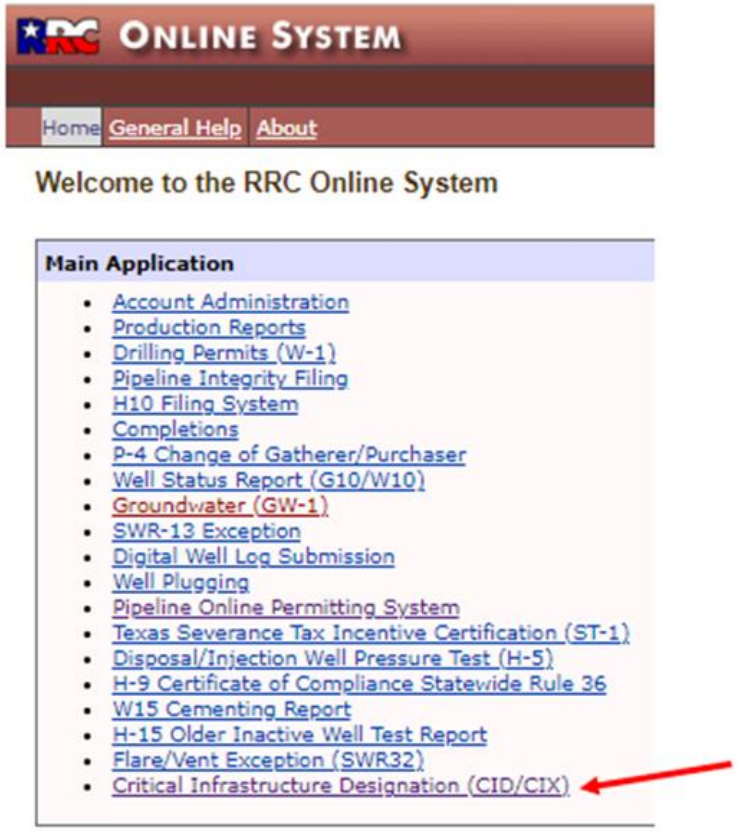
Rule 3.65 (b) (1) (B)

Oil leases producing casinghead gas in excess of 500 Mcf/day, **except** for EOR project provided the EOR project consumes more energy than it produces calculated by comparing the amount of electricity used to the amount of gas produced both in MMBTU

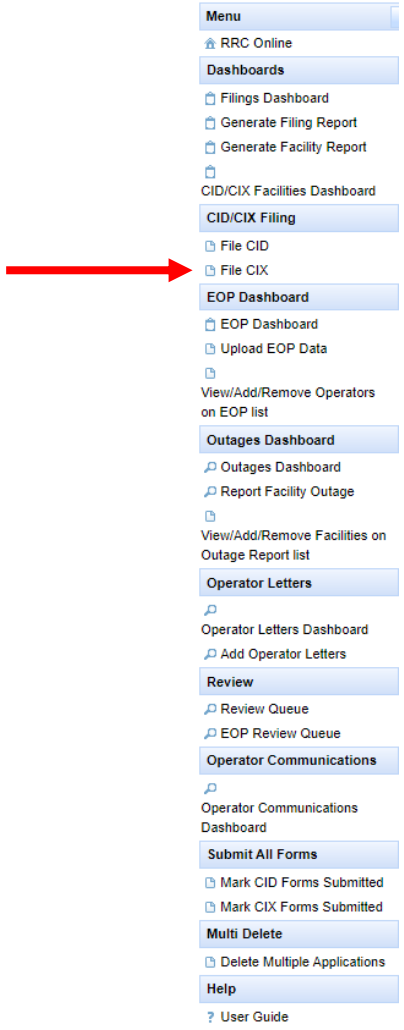
EOR Project = Over threshold = Net Taker
Contact RRC-CID and provide evidence

Getting Started

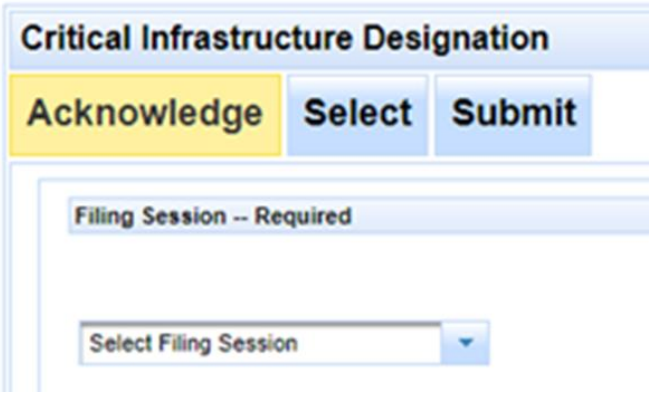
- Log in to RRC Online and click on “Critical Infrastructure Designation (CID/CIX).



- Select “File CIX.”



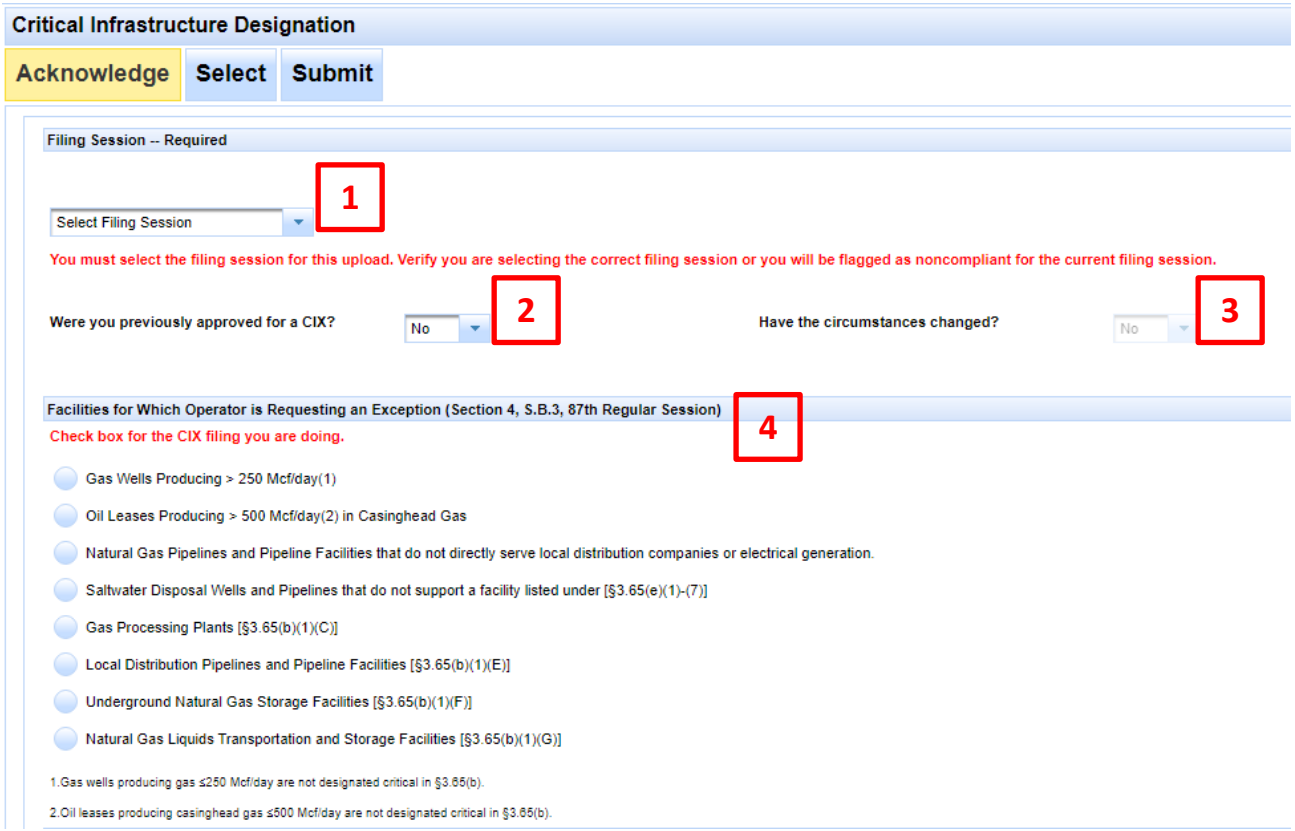
CIX Filing Process



- Acknowledge
  - Select the filing session.
  - Select the Acknowledged Critical Facility type you are filing for.
- Select
  - Confirm operator info and enter emergency and onsite contact info.
  - Select the facilities from the auto-populated list.
- Submit
  - Certify and submit

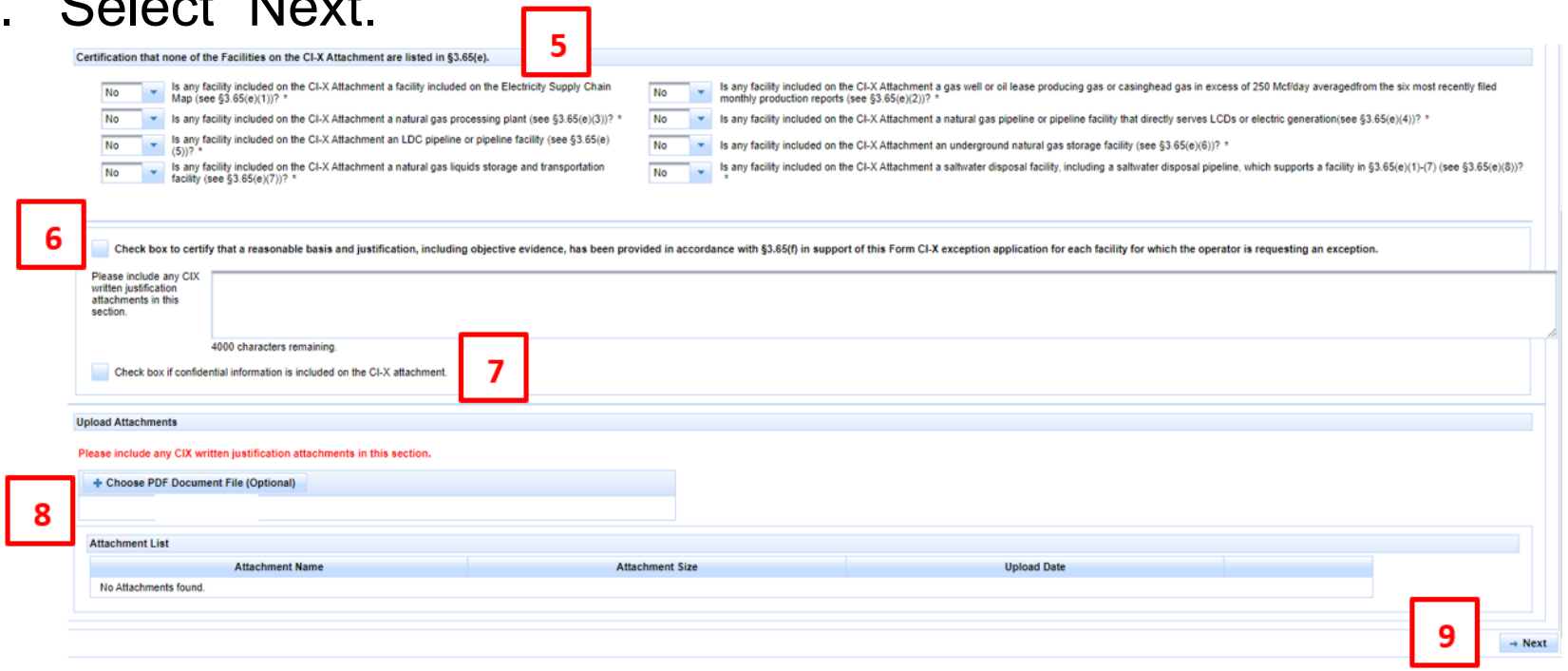
File CIX – Acknowledge Tab (1 of 2)

1. Select the filing session.
2. Indicate if you were previously approved for a CIX.
3. Indicate if circumstances have changed.
4. Select the facility type you are filing CIX.



File CIX – Acknowledge Tab (2 of 2)

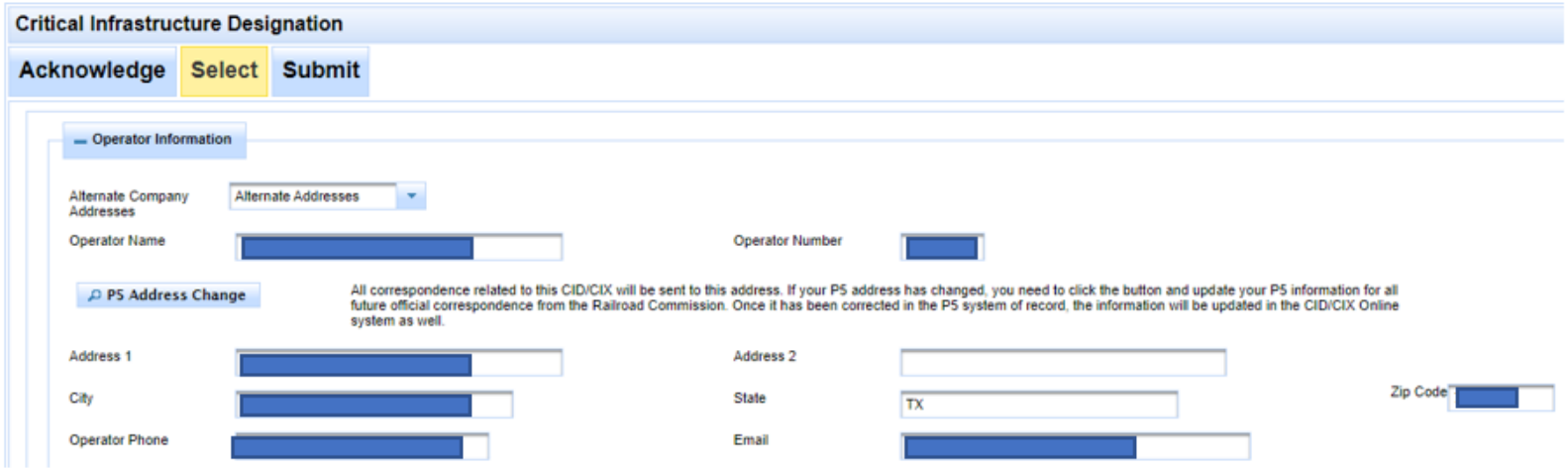
5. Answer “yes” or “no” to each question in the “Certification that none of the Facilities on the CI-X Attachment are listed in 3.65(e) section.
6. Read and check the certification box.
7. Check the box if you are attaching confidential information.
8. Select “Choose PDF Document File (Optional)” if you are attaching a file.
9. Select “Next.”



File CIX – Select Tab (1 of 5)

Operator Information

- The system will auto-populate Operator information.
- Confirm the info is still correct.
- Use the P5 Address Change button to update the address.

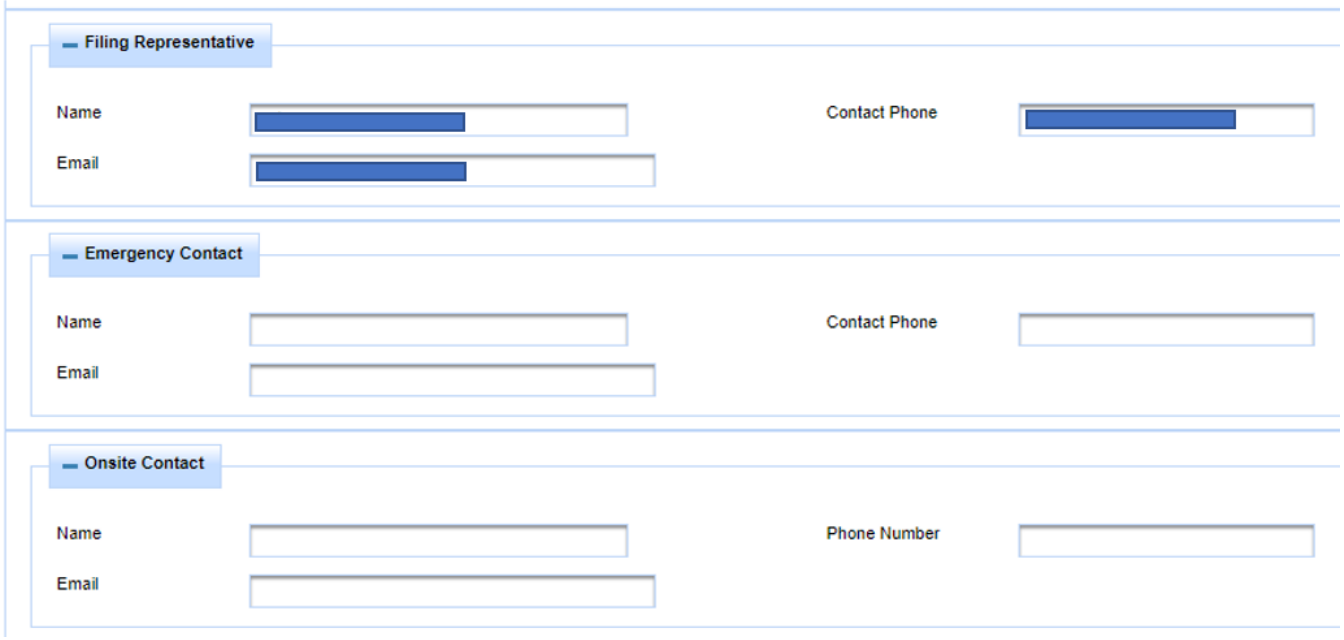


File CIX – Select Tab (2 of 5)

Filing Representative, Emergency Contact and Onsite Contact

- The system will auto-populate information for your Filing Representative.

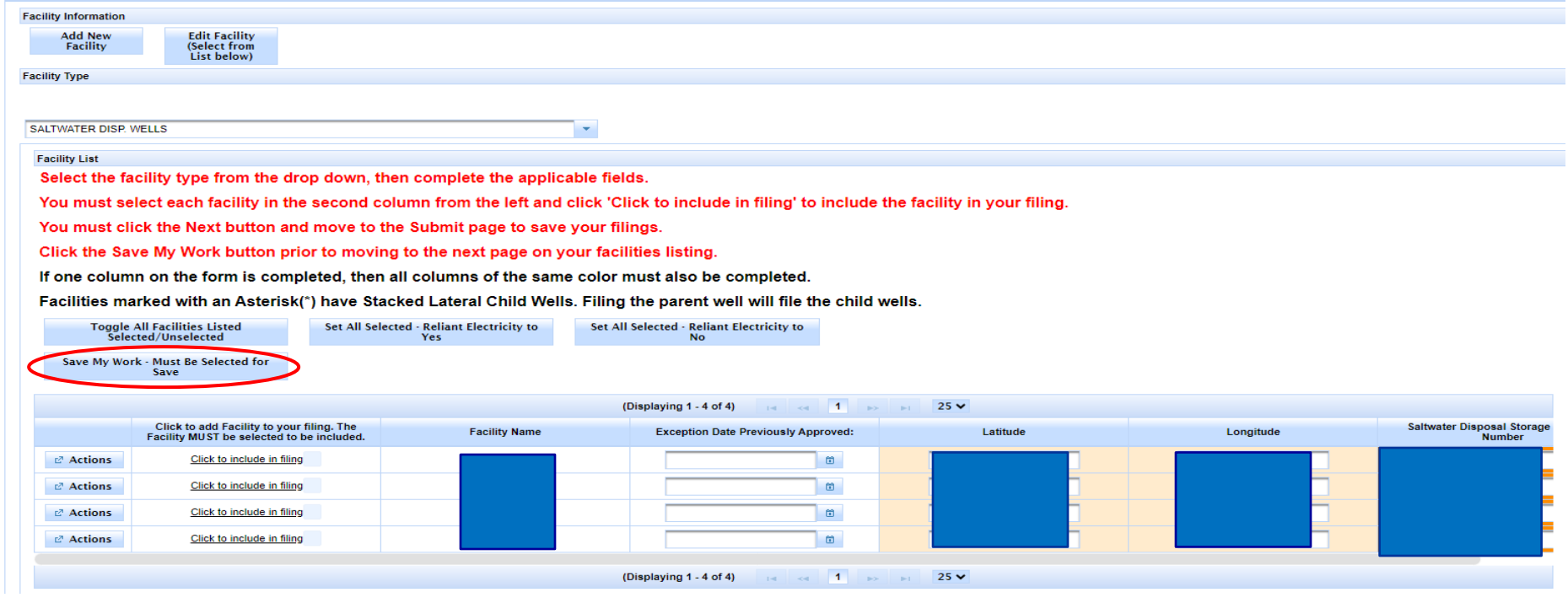
- You must enter the info for your Emergency Contact and Onsite Contact – required fields.



File CIX – Select Tab (3 of 5)

Facility Information

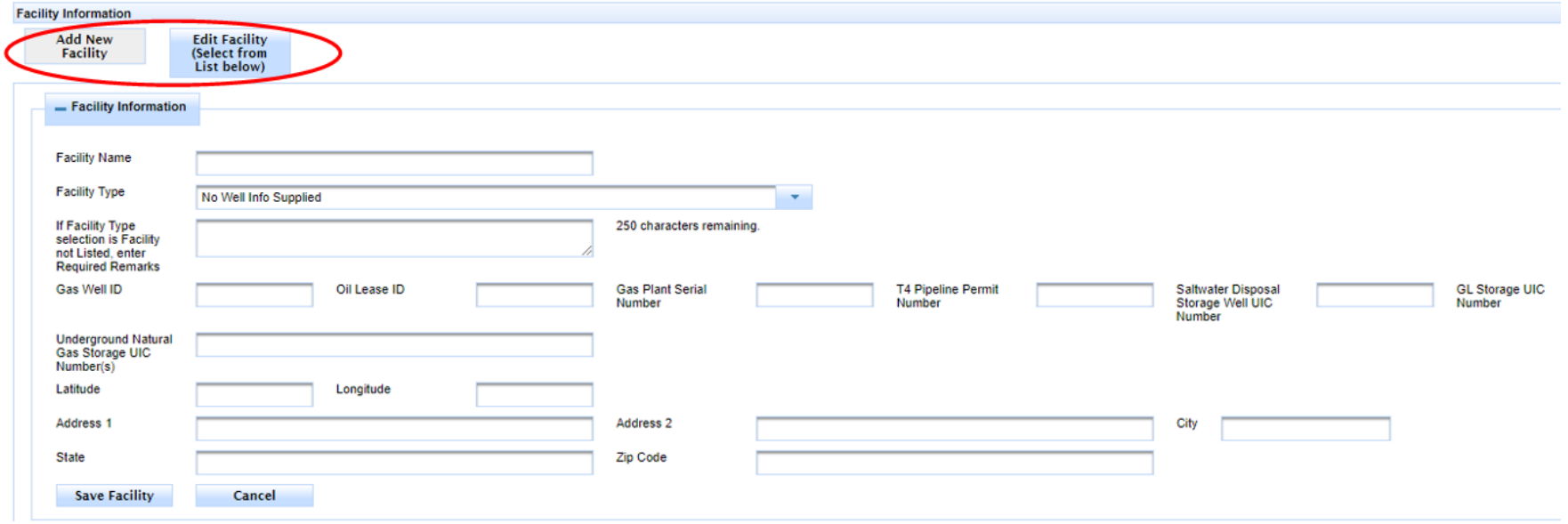
- Auto-populated info includes: Facility name, latitude and longitude (both editable), Facility ID (specific to facility type).
- You must enter the Exception Date Previously Approved if applicable.
- The Actions button allows you to delete a facility if needed.



File CIX – Select Tab (4 of 5)

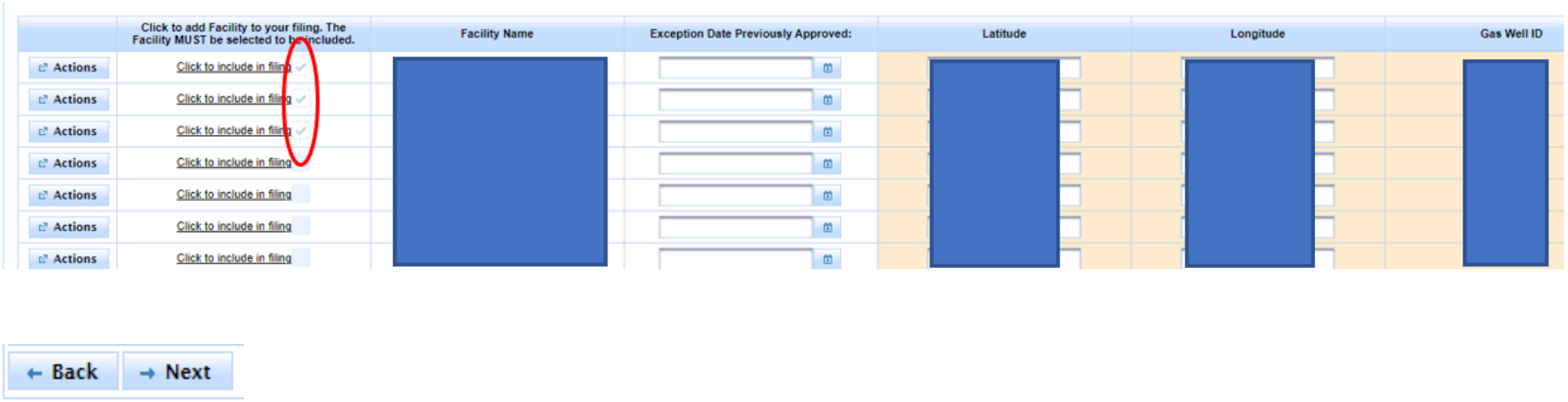
Adding/Editing a Facility

- When adding or editing a facility, be sure to fill out all applicable fields and select, “Save Facility.”



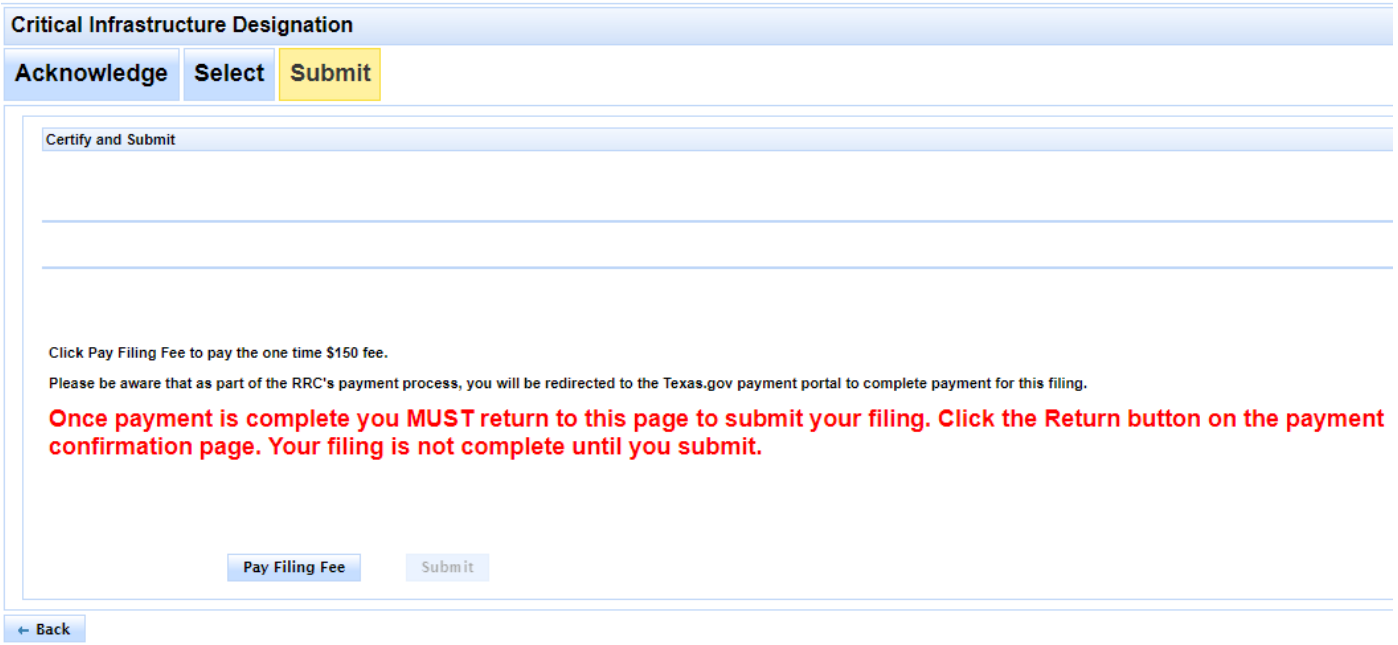
File CIX – Select Tab (5 of 5)

- Select the “Click to include in filing” link to the left of the facility name to include in your CIX filing.
- Select “Next” at the bottom, left-hand side of the screen to go to the next tab.



File CIX – Submit Tab (1 of 3)

- First time filing CIX will require payment of $150 filing fee.
- Select the “Pay Filing Fee” button – you will be redirected to the Texas.gov payment portal to complete payment.



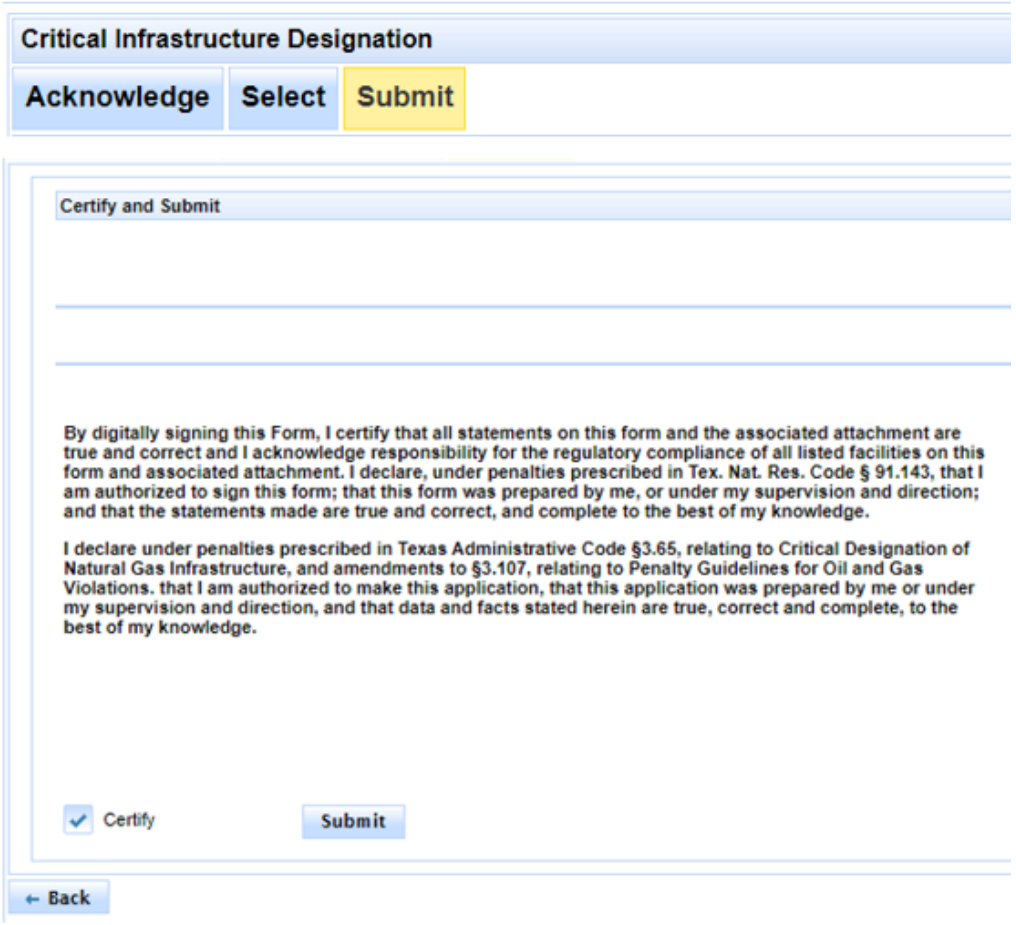
File CIX – Submit Tab (2 of 3)

- Follow the directions on the Texas.gov site to pay the one-time fee.
- Select the “Return” button to be redirected to the RRC “Submit” tab, to complete the CIX filing process.

File CIX – Submit Tab (3 of 3)

Returning to RRC "Submit" Tab

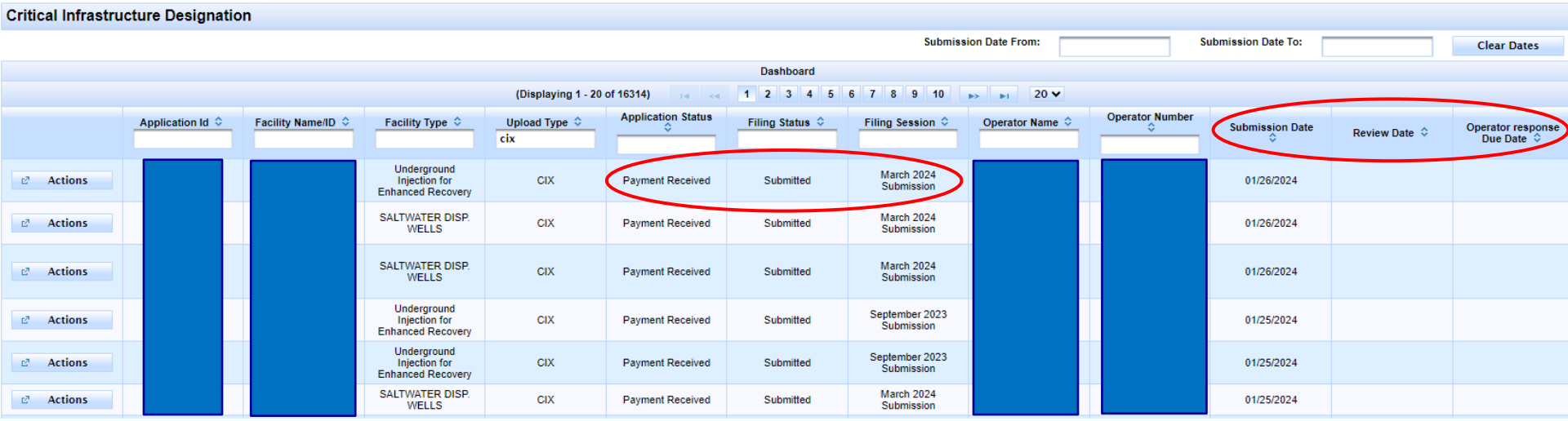
- After you have returned to the "Submit" tab, read the certification statement, select "Certify," and then "Submit" to complete the CIX filing process.



File CIX – Complete

CIX Filing Complete

- After you have successfully filed your CIX submissions, you will be redirected to the Critical Infrastructure Dashboard.
- The facilities you most recently filed will display at the top of the list.



File CIX – Filing Status

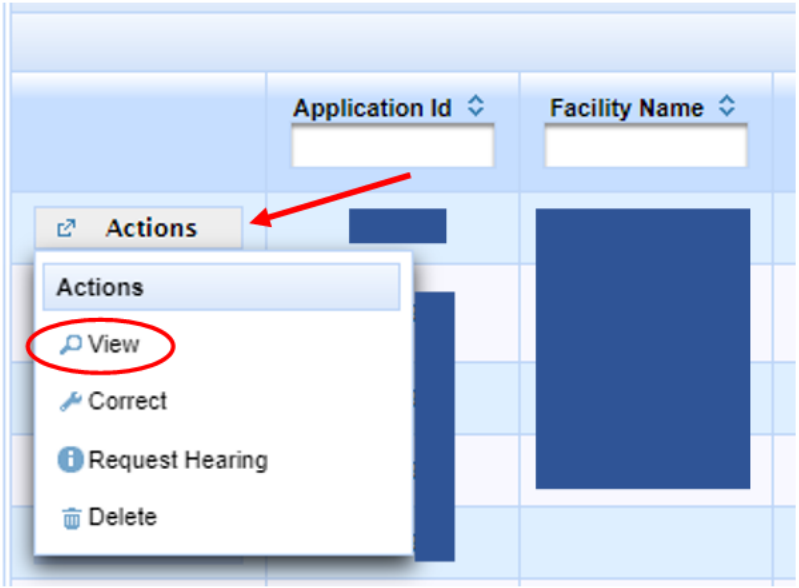
Filing Status

- Submitted
- In Progress (Pending Payment)
- Under Review
- Admin Complete
- Returned
- Updated
- Approved
- Denied

File CIX – Print Report

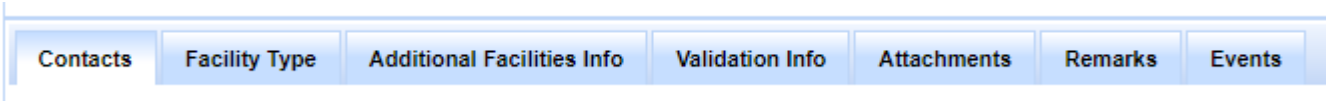
To print a report of your submission:

- Select the “Actions” button
- Then select “View”
- And on the next page, select the “Print Report” button

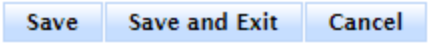


File CIX - View and Edit

- Select on each tab to view all the information submitted.

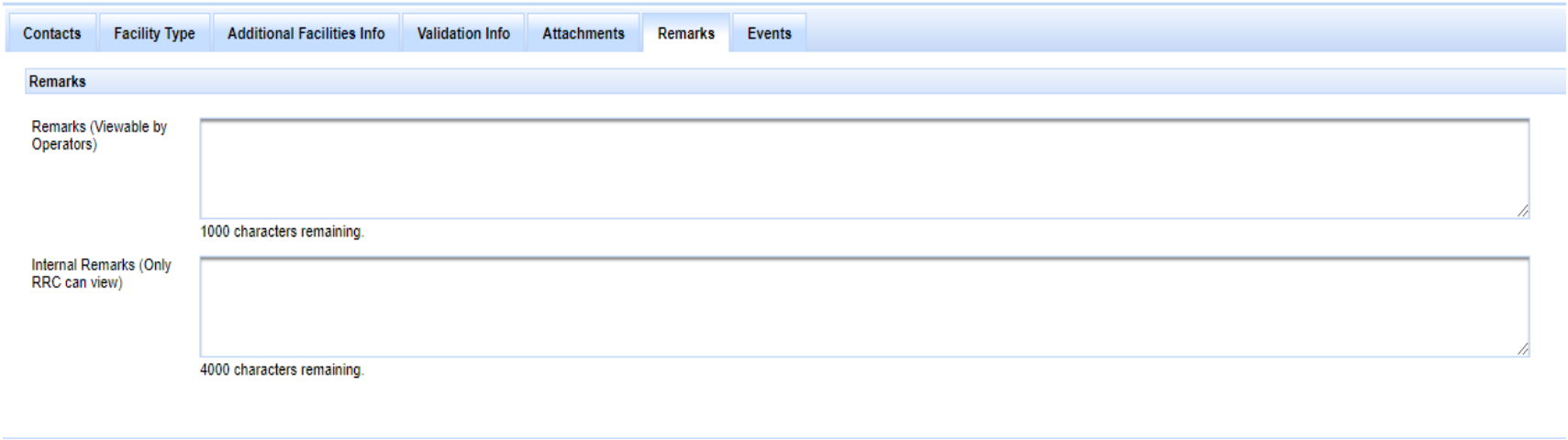


- Selecting ‘Correct’ under the Actions tab allows you to edit the information. Make sure to select ‘Save’ at the bottom left-hand side of the screen.



File CIX - Remarks

- Under the ‘Remarks’ tab you can view the comments submitted by the RRC.



Questions?