



User Reference Guide

Well Management
Module 1: View Well Details

Table of Contents

COURSE OVERVIEW.....	3
COURSE DESCRIPTION	3
1 VIEW WELL DETAILS	4
1.1 VIEW WELL LIST	4
1.2 VIEW WELL DETAIL- SEARCH AN API	4
1.3 VIEW WELL DETAIL-SUMMARY	6
1.4 VIEW WELL DETAIL-PRODUCTION/INJECTION DATA	8
1.5 VIEW WELL DETAIL- TESTS	9
1.6 VIEW WELL DETAIL- PERMIT	10
1.7 VIEW WELL DETAIL- UIC	11
1.8 VIEW WELL DETAIL – ASSOCIATED FACILITIES	12
1.9 VIEW WELL DETAIL – OWNERSHIP HISTORY	13
1.10 VIEW WELL DETAIL – VIOLATIONS	14
1.11 VIEW WELL DETAIL – INSPECTIONS	16
1.12 VIEW WELL DETAIL – IDLE WELL	17
1.13 VIEW WELL DETAIL- WELL MAINTENANCE	19
1.14 VIEW WELL DETAIL- DOCUMENTS	21
1.15 VIEW WELL DETAIL- EVENTS.....	22
1.16 ACTIONS THAT CAN BE TAKEN FROM THE WELL DETAIL SCREEN	23

COURSE OVERVIEW

Course Description

This User Guide describes an end-to-end process to view well details in WellSTAR. It includes the extent of all major well information that Operators and Internal users (Division Users) can directly view within the main well information page.

The step by step of viewing (and in some cases downloading) following Well Details topics are explained:

- Production/Injection
- Tests
- Permits
- Associated Facilities
- Ownership History
- Documents
- Events

User Guide also describes the step by step processes of initiating various actions on a well; Submitting, Uploading, Downloading and GIS mapping are explained:

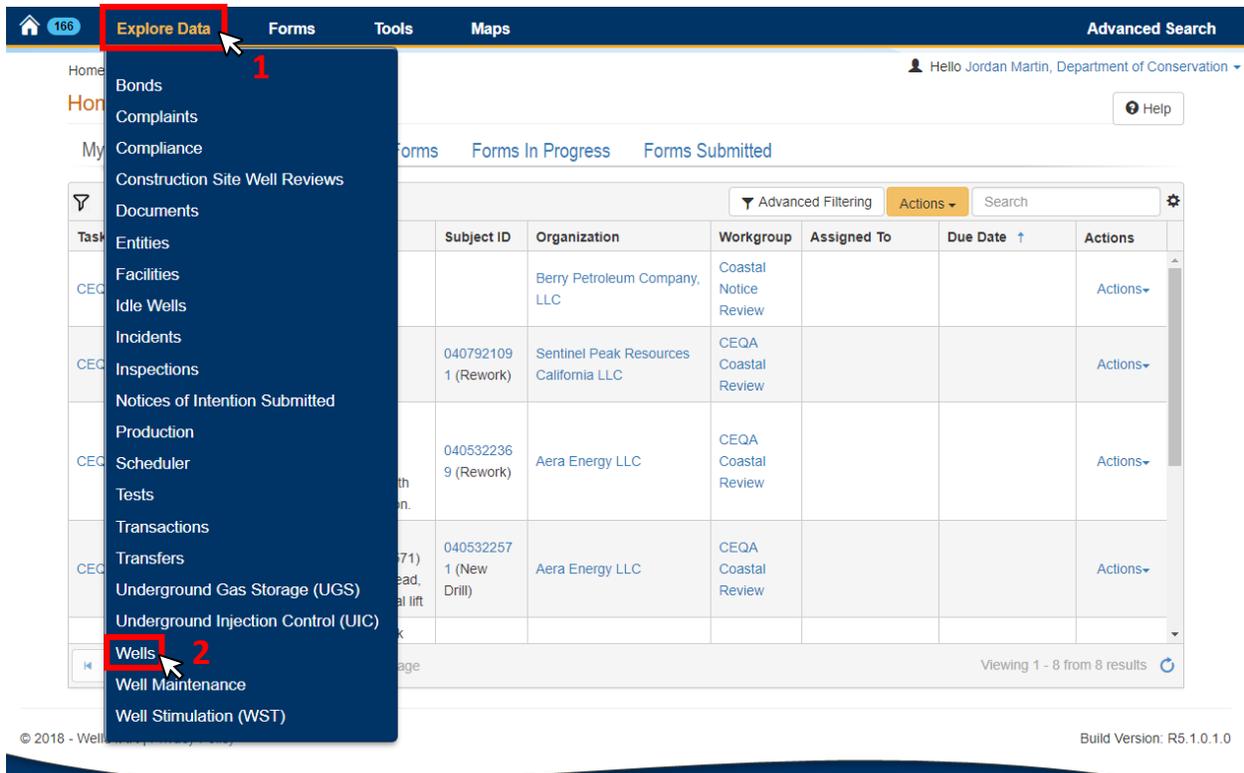
1 VIEW WELL DETAILS

The WellSTAR Well Detail page includes pulldown menus that allow a user to view and export well information.

Lesson Objectives:

- View Well Details

1.1 View Well List



Step	Action	Required Fields
1.	From Home Screen, hover over Explore Data .	
2.	Click Wells . List of all wells in database is displayed.	
3.	Click on the gear button to add or remove columns.	

1.2 View Well Detail- Search an API

WellSTAR

Well API 07921091

192 Explore Data Forms Tools Maps Advanced Search

Search Results Hello Jordan Martin, Department of Conservation

Search Results Help

Wells Search Results

Advanced Filtering Actions Search

API ↑	Operator Name	Well No.	Current Type	Current Status	County	Field
0407921091	Sentinel Peak Resources California LLC	13-2J	Oil & Gas	Active	San Luis Obispo	Arroyo Grande

20 items per page

Viewing 1 of 1 results

Step	Action	Required Fields
1.	From WellSTAR Home Screen, set the pulldown menu of the Global Search Window to Well API. Enter the 8-digit or 10-digit API and search. A Well Search Result table is opened.	
2.	Click on the gear button to turn columns on/off to view more well information.	
3.	Click on the API of the well to open the Well Detail page.	

1.3 View Well Detail-Summary

Los Alamos 38 - API 0408300407			Summary ▾	Actions ▾
API Number 0408300407	Well Designation Los Alamos 38	Well Number 38		
Operator Terracore Operating Company LLC	Well Type Oil & Gas	Well Status Idle		
Active Permit Yes	Bond Number 700214	Confidential Well No		
Confidentiality Expiration Date N/A	Lease None	Surface Owner N/A		
Mineral Owner N/A	UIC Project N/A	Jurisdiction N/A		
Well Name Unspecified	Spud Date N/A	Exploratory Well No		
Dry Hole N/A	Status Date 04/26/2018	Initial Date of Production 1/31/1977		
Directionally Drilled No	UGS Project N/A	WST Permit # N/A		
Well Classifications N/A				
Location Information				
Field Cat Canyon [128]	Area(s) Central	Pool(s) Sisquoc [5]		
Section 06	Township 08N	Range 32W		
Latitude 34.80558395	Longitude -120.29286194	B&M SB		
County Santa Barbara	District Coastal	Onshore/Offshore Onshore		
Datum NAD 83	Depth measurements referenced to Kelly Bushing	Feet above ground 9		
Elevation above Sea Level 1024	Corner Call 3094' South & 749' East of E/4 Corner Section 36, T9N, R33W, S. B. B. & M.			
Location Description N/A				
Bottom Hole Location Information - Wellbore 0408300407-00				
Section 06	Township 08N	Range 32W		
Latitude 34.80558395	Longitude -120.29286194	B&M SB		
Field Cat Canyon [128]	County Santa Barbara [83]	Corner Call 3094' South & 749' East of E/4 Corner Section 36, T9N, R33W, S. B. B. & M.		

Wellhead Equipment ▶

Well Activity

PRODUCTION DATA (Mar 2019 - Present) View All			INJECTION DATA (Mar 2019 - Present) View All		
1569.0096 OIL (Bbls)	974.1672 GAS (Mcf)	2200.9872 WATER (Bbls)	0 OIL (Bbls)	0 GAS (Mcf)	0 WATER (Bbls)

Zones of Significance ▶

Wellbore 0408300407-00	Type: Oil & Gas	Status: Idle	Drill/Spud Date: N/A	Completion Date: N/A	Bottom Hole (MD): N/A Bottom Hole (TVD): N/A
---------------------------	--------------------	-----------------	-------------------------	-------------------------	---

Comments ▶

Step	Action	Required Fields
1.	On the Well Detail page , user can view well general information. In the Location Information section view Field, PLSS, Corner Call, Lat/Long, Areas, Pools, Elevation above sea level, datum information, and Onshore/offshore.	
2.	In the Bottom Hole Location Information section view bottom hole Field, PLSS, Lat/Long, Field, County, Corner Call.	
3.	Current Associated Projects grid.	
4.	Click on Wellhead Equipment to view all wellhead equipment associated with the well.	
5.	Click on Well Activity to view and export; Production Data and Injection Data.	
6.	Click on Zones of Significance to view; Zone Name, Zone Category, Depths of Zone, Pressure (psi), Estimated/Actual and Oil/Gas show.	
7.	Click on a Wellbore to view; API and Wellbore Number, Plugback depth, BFW depth, Bottom Hole depth, Type, Drill/Spud/Completion dates, Completion Interval and Formation depths, and Wellbore Construction Feature Record. Note: I	
8.	Comments ; view, export and add comments on a well. Comments added to record by typing in box at bottom and clicking Add.	

1.4 View Well Detail-Production/Injection Data

Orradre 5551-11 - API 0405322369 Production/Injection ▼ Actions ▼

Reporting Period	Clean Oil or Conde...	Gross Gas Produc...	Water Produced (b...	Casing Pressure (psi)
December 2019				0
November 2019				
October 2019				
September 2019				
August 2019				0

Advanced Filter

- Reporting Period
- Well Type
- Reason Well Not on Prod.
- Number of Days Well Produced
- Clean Oil or Condensate Produced (bbls)
- Gravity of Oil
- Gross Gas Produced (Mcf)
- BTU
- Water Produced (bbls)
- Casing Pressure (psi)
- Tubing Pressure (psi)
- Method of Operation
- Water Disposition
- Reason Well Not Injected
- Number of Days Well Injected
- Water or Steam Injected (bbls)
- Gas or Air Injected (Mcf)
- Surface Injection Pressure
- Source of Water Code
- Kind of Water

⏪ ⏩ 1 2 3 4 5 6 7 8 9 10 ... 5 items per page

Withdrawn Gas Data

Reporting Pe...	Project ID	Well Type	Reason Well ...	Number of D...	Gross Gas W...	BTU	Casing Press...	Tubing Press...

Step	Action	Required Fields
1.	On the Navigation box dropdown click on Production/Injection .	
2.	Click on the gear  icon to add or remove columns to the grid.	
3.	View production, injection, and withdrawn gas data. Note: Withdrawn gas data is for gas withdran from wells in UGS projects.	

1.5 View Well Detail- Tests

Los Alamos 38 - API 0408300407 Tests ▾ Actions ▾

Advanced Filtering Actions ▾ Search

Test ID	Scheduled Date/Time ↓	Actual Date/Time	Test Type	Result	Actions

◀ 0 ▶ 20 items per page No results to display

Test Due Dates

Advanced Filtering Actions ▾ Search

Test ID	Test Type	Test Due Date ↓	Test Purpose	Test Interval (M...	Last Modified By	Date Assigned	Test Removed?

◀ 0 ▶ 20 items per page No results to display

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Tests .	
2.	Click on the gear icon to add or remove columns to the grid. Click on Tests grid Actions box to Export table to PDF, Excel, and Schedule Test.	
3.	Scroll down to View Test Due Dates grid. Add and remove columns using the gear icon. Use the Actions button to export to Excel.	
4.	Click on blue hyperlinks to be taken to the related detail pages.	

1.6 View Well Detail- Permits

Elkins 11-6 - API 0411122403						
Permits ▾ Actions ▾						
Advanced Filtering Actions ▾ <input type="text" value="Search"/> ⚙️						
Date Received	Date Issued ↓	Permit Expiration	Permit Type	Permit No.	Permit Status	Actions
10/09/2019	10/10/2019	10/10/2021	Rework	7011671	Approved	Actions ▾
10/09/2019	10/09/2019	10/09/2021	Sidetrack	7011597	Approved	Actions ▾
06/18/2019	06/25/2019	06/25/2021	New Drill	7009478	Approved	Actions ▾

⏪ ⏩ 1 ⏪ ⏩ 20 items per page Viewing 1 - 3 from 3 results 🔄

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Permits .	
2.	Click on the gear  icon to add or remove columns from the grid. Click on the Actions box to Export table to Excel.	
3.	Click Actions hyperlink to View Permit, Cancel Permit, and Submit Well Status Inquiry.	
4.	Click Permit No. hyperlink to download a PDF of the permit.	

1.7 View Well Detail- UIC

WH-RF 843-25 - API 0408321361 UIC ▾ Actions ▾

Injection Information

Project Name
CONVERTED PROJECT

Injectate Fluid Gradient (psi/ft) 0.45	Injectate Type N/A	Injectate TDS (ppm) N/A
--	------------------------------	-----------------------------------

Advanced Filtering Actions ▾ Search ⚙️

Project Code ↑	Project Description	Project Status ↑	Project Type	District	Injection Fluid Type
12806014	CONVERTED PROJECT	Active	Cyclic Steam		

⏪ ⏩ 1 ⏪ ⏩ 20 items per page Viewing 1 - 1 from 1 results ↻

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on UIC .	
2.	Click on the gear  icon to add or remove columns from the grid. Click on the Actions box to Export table to PDF or Excel.	
3.	Click Project Code hyperlink to view UIC Project Detail page.	

1.8 View Well Detail – Associated Facilities

Elkins 11-6 - API 0411122403 Associated Facilities ▾ Actions ▾

Advanced Filtering ▾
Actions ▾

⚙️

Facility ID ↑	Type	Sub Type	Facility Name	PLSS	County	Field

◀
◀
0
▶
▶
20 items per page
 No results to display [↻](#)

Step	Action	Required Fields
1	On the Navigation box dropdown, click on Associated Facilities .	
2	Click on the gear  Icon to add or remove columns from the grid. Click on the Actions box to Export table to PDF or Excel.	

1.9 View Well Detail – Ownership History

Elkins 11-6 - API 0411122403
Ownership History ▾ Actions ▾

Advanced Filtering ▾
Actions ▾

Search

⚙️

Acquisition Date ▾	Date of Operation	Date of Determination	Transferring Organization	Acquiring Organization
No results to display				

◀ 0 ▶
20 items per page

No results to display
↻

Step	Action	Required Fields
1.	On the Summary box dropdown, click on Ownership History .	
2.	Click on the gear ⚙️ icon to add or remove columns from the grid. Click on the Actions box to Export table to PDF or Excel.	

1.10 View Well Detail – Violations

Morganti 57 - API 0408300920

Violations Actions

Advanced Filtering Actions

Violation ID	Operator	Regulation Section	Corrective ...	Remedy D...	District	Field	Sta
12182623	HVI Cat Canyon, Inc.	1777(c)(3) - Maintenance and Monitoring of Production Facilities, Safety Systems, and Equipment	Bring in to compliance	12/06/2019		Casmalia	Acti
12182624	HVI Cat Canyon, Inc.	1777(c)(3) - Maintenance and Monitoring of Production Facilities, Safety Systems, and Equipment	Bring in to compliance	12/06/2019		Casmalia	Acti
12182625	HVI Cat Canyon, Inc.	1722.1.1(a) - Well and Operator Identification	Bring in to compliance	12/06/2019		Casmalia	Acti
12182626	HVI Cat Canyon, Inc.	1775(a) - Oilfield Wastes and Refuse	Bring in to compliance	12/06/2019		Casmalia	Acti
12186456	HVI Cat Canyon, Inc.	1775(a) - Oilfield Wastes and Refuse	Bring into compliance.	02/07/2020	Coastal	Casmalia	Acti
12186457	HVI Cat Canyon, Inc.	1777(c)(3) - Maintenance and Monitoring of Production Facilities, Safety Systems, and Equipment	Bring into compliance.	02/07/2020	Coastal	Casmalia	Acti

1 20 items per page View

- Violation ID
- Compliance ID
- Oper. Code
- Operator
- Regulation Section
- Corrective Actions
- Subject ID
- Subject Name
- Subject Type
- Created Date
- Remedy Due Date
- Resolved Date
- District
- Field
- Lease
- Status
- Area
- County
- Actions

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Violations .	
2.	Click on the gear  icon to add or remove columns from the grid. Click on the Action box to Export table to PDF	
3.	Click on Violation ID hyperlink to view the Violation Detail Page.	

1.11 View Well Detail - Incidents

Bell 143 - API 0408301687							
Incidents ▾ Actions ▾							
<input type="checkbox"/> Advanced Filtering Actions ▾ Search <input type="text"/> 							
<input type="checkbox"/>	Incident ID	Operator	Incident Type	Date of Detection ↓	District	Status ↑	Actions
<input type="checkbox"/>	11183594	HVI Cat Canyon, Inc.	Spill or Release	08/29/2019	Coastal	Closed	Actions-

 20 items per page Viewing 1 - 1 from 1 results 

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Incidents .	
2.	Click on the gear  icon to add or remove columns from the grid Click on the Actions box to Export table to Excel, Schedule inspection, or view on a map.	
3.	Click on Incident ID hyperlink to view the Incident Detail page.	

1.12 View Well Detail – Inspections

Bell 143 - API 0408301687 Inspections ▾ Actions ▾

The data in the grid below represents a snapshot in time. It reflects the details as recorded at the time of the inspection. For this reason, it may not match current WellSTAR records.

Inspections ▾

Advanced Filtering Actions ▾ Search ⚙

<input type="checkbox"/>	Insp ID	Insp Date ↓	Insp Type	Form Name	Violations?	DOGGR Engineer
<input type="checkbox"/>	12182958	11/19/2019	UIC Compliance	UIC Well Inspection, Reservoir Test - Pressure Fall Off	No	Charlie Gomes
<input type="checkbox"/>	12079504	09/16/2019	Pressure Test -Other - Converted	Pressure Test - Other - Converted	No	System Converted
<input type="checkbox"/>	11846643	09/13/2019	Pressure Test -Other - Converted	Pressure Test - Other - Converted	No	System Converted
<input type="checkbox"/>	12077790	09/03/2019	UIC Well Pressure Test - Converted	UIC Well Pressure Test - Converted	No	System Converted
<input type="checkbox"/>	11885151	08/29/2019	Spill/Incident - Converted	Incident Follow-Up - Converted	No	System Converted
<input type="checkbox"/>	12110415	11/27/2018	Pressure Fall Off - Converted	Pressure Fall Off - Converted	No	System Converted
<input type="checkbox"/>	11906167	09/27/2018	Radioactive Tracer Survey - Converted	Radioactive Tracer Survey - Converted	No	System Converted
<input type="checkbox"/>	11934128	09/24/2018	Radioactive Tracer Survey - Converted	Radioactive Tracer Survey - Converted	No	System Converted

⏪ ⏩ 1 2 ⏪ ⏩ 20 items per page Viewing 1 - 20 from 26 results 🔄

Step	Action	Required Fields
4.	On the Navigation box dropdown, click on Inspections .	
5.	Click on the gear ⚙ icon to add or remove columns from the grid Click on the Actions box to Export table to Excel, Schedule inspection, or view on a map.	
6.	Click on Inspection ID hyperlink to view the Inspection Detail page.	

1.13 View Well Detail – Idle Well

Bell 143 - API 0408301687 Idle Well ▾ Actions ▾

Idle Well Information

Approved Idle Well Management Plan N/A	Approved Testing Waiver N/A	Accepted Testing Compliance Work Plan N/A
IWMP Planned Elimination Type N/A	IWMP Elimination Due Date N/A	IWMP Planned Elimination Year N/A
Testing Waiver Date Added to Plan N/A	Testing Waiver Proposed Plugging and Abandonment Year N/A	Testing Waiver Expiration Date N/A
Testing Compliance Work Plan Proposed MIT Compliance Year N/A	Testing Compliance Work Plan Proposed Clean Out Tag Compliance Year N/A	Years Idle N/A
Idle Start Date 12/1/1992	Long-Term Idle No	Idle End Date 7/1/1997

Export - PDF
Submit Inaccessible Idle Well Form

15 Year Engineering Analysis

15 Year Engineering Analysis N/A	Initial Determination N/A	Initial Determination Date N/A
Final Determination N/A	Final Determination Date N/A	

Inaccessible Idle Well Information

Demonstration of Well Inaccessibility Plan Status N/A	Inaccessible Idle Well Monitoring and Mitigation Plan Status N/A	Demonstration of Well Inaccessibility Plan Status Effective Date N/A
Inaccessible Idle Well Monitoring and Mitigation Plan Status Effective Date N/A		
Notes N/A		

Well Status History

Advanced Filtering Actions Search

Date	Well Status
07/01/1997	Active
12/01/1992	Idle

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Idle Well .	
2.	Click on the gear  Icon to add or remove columns to the grid. Click on the Actions box to Export table to PDF and Submit Inaccessible Idle Well Form	

3. Click on hyperlinks to view plan details.	
--	--

1.14 View Well Detail- Well Maintenance

512F - API 0401922759 Well Maintenance ▼ Actions ▼

Single Well Maintenance ▼

<input type="checkbox"/>	Operatio...	Mainten...	API	Operator	Field	County	Reason ...	Total Flu...			Actions
<input type="checkbox"/>	10025832	02/10/2020 7:00:00 AM	040192275 9	Aera Energy LLC	Coalinga	Fresno	Both	750			Actions ▼
<input type="checkbox"/>	10025832	02/10/2020 7:00:00 AM	040192275 9	Aera Energy LLC	Coalinga	Fresno	Both	1000	9.88		Actions ▼
<input type="checkbox"/>	10025832	02/10/2020 7:00:00 AM	040192275 9	Aera Energy LLC	Coalinga	Fresno	Both	750	9.88		Actions ▼
<input type="checkbox"/>	10025907	02/10/2020 7:00:00 AM	040192275 9	Aera Energy LLC	Coalinga	Fresno	Both	750	9.88		Actions ▼
<input type="checkbox"/>	10025907	02/10/2020 7:00:00 AM	040192275 9	Aera Energy LLC	Coalinga	Fresno	Both	1000	9.88		Actions ▼

Advanced Filtering ▼ Actions ▼ Search ⚙️

Create Maintenance Record
View on Map
Export - Excel

10 items per page Viewing 1 - 6 from 6 results ↻

Aggregate Well Maintenance ▼

<input type="checkbox"/>	Aggregate Pla...	Operator	Field	County	API	Reporting Star...	Reporting End ...	Actions

Advanced Filtering ▼ Actions ▼ Search ⚙️

10 items per page No results to display ↻

Step	Action	Required Fields
1	On the Navigation box dropdown, click on Well Maintenance	
2	Click on the gear  icon to add or remove columns from the grid. Click on the Actions box to Export table to Excel, View on Map, and Create Maintenance Record.	
3.	Click on Operation ID hyperlink to view details accepted form snapshot of the Well Maintenance Information form.	
4.	Click on Aggregate Plan ID Number hyperlink to view details.	

1.15 View Well Detail- Documents

Bell 143 - API 0408301687
Documents ▾ Actions ▾

FTP Link
<ftp://ftp.consrv.ca.gov/pub/oil/WellRecord/083/08301687>

Document ID	Relevant Date ↓	Uploaded By	Category	Type	Description	Filename	Status
<div style="text-align: right; margin-bottom: 5px;"> Advanced Filtering ▾ Actions ▾ Search <input type="text"/> ⚙️ </div>							

◀ 0 ▶ 20 items per page No results to display ↻

Associated Snapshots ▾

Form ID	Form Name	Status	Date ↓	Actions
76122	Schedule Test or Inspection	Accepted	11/15/2019 12:28:57	View
75683	Schedule Test or Inspection	Accepted	11/14/2019 11:42:45	View

◀ 1 ▶ 20 items per page Viewing 1 - 2 from 2 results ↻

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Documents .	
2.	Click on the gear ⚙️ icon to Add or remove columns from the grid. Click on the Actions box to Export table to Excel.	
3.	Click on the FTP link to view well-related documents and logs. Note: documents will continue to be accessible on the FTP for older wells.	

1.16 View Well Detail- Events

Elkins 11-6 - API 0411122403			
Events ▾ Actions ▾			
Advanced Filtering Actions ▾ <input type="text" value="Search"/> ⚙️			
Date ↓	Created By	Type	Description
11/15/2019 04:30:59 PM	System	Well Status	Changed to Idle
10/10/2019 04:19:57 PM	Hilda Kemberling	Permit Expiration Date	10/10/2021
10/09/2019 09:56:26 AM	Eric Heaton	Permit Expiration Date	10/09/2021
10/09/2019 09:15:52 AM	System	Well Status	Changed to Active
09/27/2019 05:00:00 PM	System	Completed Operation Date	Completed Operation on 09/28/2019
09/27/2019 05:00:00 PM	System	Rig Release Date	Rig Released on 09/28/2019
09/27/2019 05:00:00 PM	System	Completed Operation Date	Completed Operation on 09/28/2019
09/27/2019 05:00:00 PM	System	Rig Release Date	Rig Released on 09/28/2019
08/31/2019 05:00:00 PM	System	Commenced Operation Date	Commenced Operation on 09/01/2019
07/08/2019 05:00:00 PM	System	SpudDate	Spud on 07/09/2019
07/08/2019 05:00:00 PM	System	Commenced Operation Date	Commenced Operation on 07/09/2019
06/25/2019 05:25:16 PM	Hilda Kemberling	Well Type	1003

⏪ ⏩ 1 20 items per page Viewing 1 - 18 from 18 results ⚙️

Step	Action	Required Fields
1.	On the Navigation box dropdown, click on Events	
2.	Click on the gear  icon to add or remove columns from the grid. Click on the Actions box to Export table to excel. Note: Examples of Event types include Spude Date, Well Status, Rig Release Date, Completed Operation Date, etc. Events may be created by the System or a user.	

1.17 Actions that can be taken from the Well Detail Screen

Finback 1 - API 0411122399

Summary ▾ Actions ▾

API Number 0411122399	Well Designation Finback 1	Well Number 1
Operator California Resources Production Corporation	Well Type Oil & Gas	Well Status Active
Active Permit Yes	Bond Number None	Confidential Well No
Confidentiality Expiration Date N/A	Lease Finback	Surface Owner State
Mineral Owner State	UIC Project N/A	Jurisdiction N/A
Well Name Unspecified	Spud Date 09/28/2018	Exploratory Well Y
Dry Hole N/A	Status Date 05/14/2019	Initial Date of Production 1/31/2018
Directionally Drilled Yes	UGS Project N/A	WST Permit # N/A
Well Classifications N/A		

Step	Actions	Required Field
1.	<p>User can take several actions from the Well Detail page. Click on the Actions pulldown to:</p> <ul style="list-style-type: none"> • View well on GIS Map • Create NOI to Rework/Abandon well • Submit Well Summary • Update Well Information • Well Name Change • Request Confidentiality for a well • Schedule a test or inspection • Submit test result • Add or Edit Test Due Dates • Send Correspondence • Add Document • Export screen to PDF <p>Clicking on any of the above will open a new screen and/or online Form</p>	