



# TANKLOGIX PORTAL

TICKET MANAGEMENT 3.9.1



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## INTRODUCTION

Ticket Transactions version 3.9.1 contains a few UI adjustments, productivity helps, and bug fixes. It replaces Ticket Transactions version 3.7

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## PORTAL NAVIGATION

**Disposals > Ticket Transactions 3.9.1**

## WHAT'S NEW IN VERSION 3.9.1

### TICKET ORIGIN SEARCH IMPROVEMENTS

- There are 4 sources of Transaction Tickets:
  - TankWarden
  - PLC
  - Manual (created via the UI controls in Ticket Transactions page)
  - CSV (uploaded .CSV files)
- On the Ticket Transactions page, there are two Grids where you may search by the Ticket Source – Origin: The first one is:
  - **TICKET TRANSACTIONS GRID:**

TICKET TRANSACTIONS GRID | TL DEMO SITE 101 / 12101 / grid column filter help

[REFRESH GRID DATA and COLUMN FILTERS](#) Page 1 of 1 100 ▾

	TICKET NUMBER	TICKET ORIGIN	CUSTOMER NAME	CUSTOMER ID DRIVER ID	TICKET START TIME	LEASE NUMBER	LEASE NUMBER FULL	LEASE TYPE	RRC DISTRICT	RRC LEASE VERIFIED	VOLUME BBLs	PRODUCED WATER	WELL NUMBER	
	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x		<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	<input type="text"/> x	
1	<input type="checkbox"/>	10008	TankWarden	Customer 1000	1000-4424	JUN 26, 2019 12:00 PM	123123	123123	Oil	03	NO	100	<input checked="" type="checkbox"/>	1123
2	<input type="checkbox"/>	10009	TankWarden	Customer 1000	1000-5464	JUN 26, 2019 12:00 PM	10868	10868	Oil	06	YES	100	<input type="checkbox"/>	1
3	<input type="checkbox"/>	10010	TankWarden	Customer 1000	1000-5464	JUN 26, 2019 12:00 PM	63625	63625	Oil	8A	YES	100	<input checked="" type="checkbox"/>	1
4	<input type="checkbox"/>	10004	PLC	Customer 2000	2000-2000	JUN 26, 2019 12:00 PM	1473	01473	Oil	10	YES	100	<input type="checkbox"/>	4
5	<input type="checkbox"/>	10005	PLC	Customer 1000	1000-4424	JUN 26, 2019 12:00 PM	241	00241	Oil	10	YES	5000	<input checked="" type="checkbox"/>	16
6	<input type="checkbox"/>	10006	PLC	Customer 1000	1000-4424	JUN 26, 2019 12:00 PM	241	00241	Oil	10	YES	100	<input checked="" type="checkbox"/>	16
7	<input type="checkbox"/>	10007	PLC	Customer 1000	1000-5464	JUN 26, 2019 12:00 PM	241	00241	Oil	10	YES	100	<input checked="" type="checkbox"/>	16

[REFRESH GRID DATA and COLUMN FILTERS](#) Page 1 of 1 100 ▾

- In the Ticket Origin column filter, you may now key combinations of letters to filter on these 4 types of Tickets:
- T P M C for TankWarden, PLC, Manual, and CSV respectively.
- T,P,M,C (commas may be used as well)
- So, if I just wanted only TankWarden and PLC to show in my grid, I would place T P or T,P in the column filter as shown above.
- **TICKET ALERT** is the second place on this page to use this:

ticket alerts panel begin  This panel allows you to *monitor* all of the **Ticket** and **Images** transmissions across your sites

VIEW ALL COMPANIES

TICKET DATA and TICKET IMAGES STATUS and CONFIGURATION

Page 1 of 1 10

	COMPANY NAME	BOX ID	SITE NAME	most recent TICKET ID	most recent CUSTOMER ID DRIVER ID	most recent LEASE NUMBER	TICKET DATA STATUS	TICKET SOURCE TW (1) PLC (2) MANUAL (3) CSV (4)	most recent TICKET START DATE TIME	MINUTES SINCE LAST DATA	HOURS SINCE LAST DATA	SITE HAS IMAGES?
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1	TankLogix Oil Company Transfer	12101	TL Demo Site 101	11292	10004424	443	exceeds 12 hours	MANUAL	SEP 10, 2019 12:00 PM	1351	22	N
2	TankLogix Oil Company Transfer	12102	TL Demo Site 102	6	10011002	16285	exceeds 1 month	CSV	JUL 31, 2019 12:00 AM	61111	1018	N

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ticket alerts panel end

- o Again, the search rules are the same:
- o In the Ticket Source-Origin column filter, you may put combinations of letters to filter on these 4 types of Tickets:
- o T P M C for TankWarden, PLC, Manual, and CSV respectively.
- o T,P,M,C (commas may be used as well)
- o

## NEW FIELD TO VIEW DRIVER-TICKET IMAGES

- There is a new field you may add to your Transactions Grid to view the driver-ticket image in a modal(popup) window, instead of in another tab.
- So now you have two choices: When you click on the Customize Grid Columns button, you will see this new field:

Select Fields - Columns You Wish to View in the Grid

SELECT ALL | RESET ALL








- Edit Actions
- Ticket ID
- Ticket Split ID
- Disposal Customer Name
- Customer ID-Driver ID
- Driver Name
- Ticket Origin
- Ticket Start Time
- Ticket Stop Time
- Lease Number
- RRC Verified
- Volume BBLs
- Notes
- Lease Type
- RRC District
- Produced Water
- Disposal Lane
- Last Edited By
- Edited Date
- Actual Volume
- Entered Lease Name
- RRC Lease Name
- RRC Operator Name
- Accounting Code
- Production Ticket Id
- Water Type
- Lease Number Full
- Well Number
- Lease Well Check
- Ticket Image Count
- Ticket Image Status
- Ticket-Driver Image Window

SAVE Field/Column Selection CLOSE

TICKET NUMBER	TICKET ORIGIN	CUSTOMER NAME	CUSTOMER ID DRIVER ID	START TIME	NUMBER	FULL	TYPE	DISTRICT	VERIFIED	BBLs	WATER	NUMBER	IMAGE (tab)	IMAGE (window)	COUNT
	TP														
10008	TankWarden	Customer 1000	1000-4424	JUN 26, 2019 12:00 PM	123123	123123	Oil	03	NO	100	<input checked="" type="checkbox"/>	1123	VIEW		
10009	TankWarden	Customer 1000	1000-5464	JUN 26, 2019 12:00 PM	10868	10868	Oil	06	YES	100	<input type="checkbox"/>	1	VIEW		

- The familiar blue VIEW link in the grid displays when you select the Ticket-Driver Image (circled in blue in the graphic above)
- The new in-page view displays in the grid when you select the Ticket-Driver Image Window (circled in red in the graphic above)
- Side-by-side they appear as:



TICKET DRIVER IMAGE (tab)	TICKET DRIVER IMAGE (window)	
VIEW		
VIEW		
VIEW		
VIEW		
VIEW		
VIEW		
VIEW		

- 
- It is the same information from both links. Just another option to possibly help you speed up your workflow in verifying tickets.

## NEW FIELD TO VIEW LEASE ORIGIN OF TICKETS

- There is a new field you may add to your Transactions Grid to view the **Lease Origin** of tickets. They will be coded as one of 3 values:
  - **C** which refers to Company-Supplied. These are from the Company-Supplied page where the user is keying in drilling permit numbers before a permanent Texas RRC lease number has been created.
  - **T** which refers to Texas RRC Leases that come in a monthly feed from the RRC.
  - **?** which refers to not determinable since the current combination of LeaseNumber + RRCDistrict + OilGasType matches neither the Company-Supplied data table nor the Texas RRC table. The user has to research this one.
  - This new field can be added to your grid by selecting the blue Customize Grid Column, selecting Lease Origin, and then SAVE Field/Column selection:  
Select Fields - Columns You Wish to View in the Grid

SELECT ALL | RESET ALL

<input type="checkbox"/> Edit Actions	<input checked="" type="checkbox"/> Volume BBLs	<input checked="" type="checkbox"/> RRC Operator Name
<input checked="" type="checkbox"/> Ticket ID	<input type="checkbox"/> Notes	<input type="checkbox"/> Accounting Code
<input type="checkbox"/> Ticket Split ID	<input checked="" type="checkbox"/> Lease Type	<input type="checkbox"/> Production Ticket Id
<input checked="" type="checkbox"/> Disposal Customer Name	<input checked="" type="checkbox"/> RRC District	<input checked="" type="checkbox"/> Water Type
<input checked="" type="checkbox"/> Customer ID-Driver ID	<input checked="" type="checkbox"/> Produced Water	<input checked="" type="checkbox"/> Lease Number Full
<input type="checkbox"/> Driver Name	<input checked="" type="checkbox"/> Disposal Lane	<input checked="" type="checkbox"/> Well Number
<input checked="" type="checkbox"/> Ticket Origin	<input type="checkbox"/> Last Edited By	<input type="checkbox"/> Lease Well Check
<input checked="" type="checkbox"/> Ticket-Driver Image	<input type="checkbox"/> Edited Date	<input checked="" type="checkbox"/> Ticket Image Count
<input checked="" type="checkbox"/> Ticket Start Time	<input type="checkbox"/> Actual Volume	<input type="checkbox"/> Ticket Image Status
<input type="checkbox"/> Ticket Stop Time	<input type="checkbox"/> Entered Lease Name	<input checked="" type="checkbox"/> Ticket-Driver Image Window
<input checked="" type="checkbox"/> Lease Number	<input checked="" type="checkbox"/> RRC Lease Name	<input checked="" type="checkbox"/> Lease Origin
<input checked="" type="checkbox"/> RRC Verified		

SAVE Field/Column Selection

CLOSE

- 
- Each of these 3 values can be placed in the column header filter box to refine search by ?, T, or C:


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LEASE ORIGIN T=Texas RRC C=Company supplied	LEASE NUMBER	RRC DISTRICT	LEASE TYPE	RRC P18 LEASE VERIFIED
<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x
? ✓	454545	05	Oil	NO
T	63625	8A	Oil	YES
T	10868	06	Oil	YES
?	123123	03	Oil	NO
T	241	10	Oil	YES
T ✓	241	10	Oil	YES
T	241	10	Oil	YES
T	1473	10	Oil	YES
T	1473	10	Oil	YES
T	159109	10	Gas	YES
T	63625	8A	Oil	YES
C ✓	919191	01	Oil	YES

○  
○

## BUG FIX FOR LEFT-TO-RIGHT TRANSACTION GRID COLUMN ORDER

- You may order the columns in the Ticket Transactions Grid from left-to-right by left-click and hold, drag-and-drop, and then, when you have all the columns where you want, press the green SAVE Grid Column Order button.
- Also, when you add a new field by selecting checkboxes in the modal-window in CUSTOMIZE Grid Columns button, the new field is added to the far right side of the grid. Depending on how many columns you have selected, it may not be displaying in your viewport – you may have to horizontally scroll to see it and move it within your viewable area if you wish.
- So the problem/bug was this: If you added or deleted a field from your columns selected, all your columns would re-order left-to-right with the default settings. This has been fixed so that now as you add/delete a field and save, the column order will be preserved.

 CUSTOMIZE GRID Columns

 SAVE GRID Column Order

•

## PAGE FEATURES

### TICKET TRANSACTIONS 3.6

DISPOSAL QUICK LINKS [TICKETS](#) [CUSTOMERS](#) [DRIVERS](#) [COMPANY-SUPPLIED LEASES-WELLS](#) [RATES](#) [LOCATIONS](#) [TICKET TRANSFERS](#) [CSV UPLOADS](#) [P-18 FORM](#)

TankLogix Oil Company

[HMI TRANSMIT](#) [HMI PORTAL](#) [HMI TRANSMISSION STATUS](#) [TICKET ALERTS](#)

SITES

34 SITES SITE NAME  SITE NUMBER

TL Demo Site 1 / 12001

[SITE FILTER](#)

DISPOSAL CUSTOMERS [SELECT ALL](#) | [SELECT INDIVIDUAL](#) | [SHOW SELECTED](#) | [RESET](#)

ALL DISPOSAL CUSTOMERS

DISPOSAL DRIVERS [SELECT ALL](#) | [RESET](#)

ALL DISPOSAL DRIVERS

[LEASE-WELL SEARCH, MANUAL TICKET CREATION, BULK EDITS](#)

[GRID SEARCH CONTROLS](#)

BEGIN TICKET START DATE: 03/11/2019  
 END TICKET START DATE: 03/14/2019

[CUSTOMIZE GRID Columns](#) [SAVE GRID Column Order](#)

TICKETS SEARCH

[GRID BATCH CONTROLS](#)

[REFRESH TICKET GRID DATA](#) [EDIT Grid](#) [RESET Grid](#) [SAVE Selected Row\(s\)](#) [DELETE Selected Row\(s\)](#) [DELETE TICKET BATCH TAG](#) [DUPLICATE TICKET NUMBER](#) [COMPLETE DUPLICATES](#)

TICKET TRANSACTIONS GRID | TL DEMO SITE 1 / 12001 [grid column filter help](#)

[REFRESH GRID DATA and COLUMN FILTERS](#)

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View 1 - 5 of

TICKET NUMBER	TICKET BATCH TAG	CUSTOMER NAME	CUSTOMER ID DRIVER ID	DRIVER NAME	TICKET ORIGIN	TICKET DRIVER IMAGE	TICKET START TIME	TICKET STOP TIME	LEASE NUMBER	LEASE NUMBER FULL	WELL NUMBER	LEASE TYPE	RRC DISTRICT	RRC LEASE VERIFIED	VOLUME BBLs	NOTES	PRODUCED WATER	DISPOSAL LANE
6		Unknown	1001-1002	Unknown Unknown	CSV	<a href="#">VIEW</a>	MAR 12, 2019 12:00 AM	MAR 12, 2019 12:00 AM	16285	16285	122	Oil	06	NO	145	GGBBGHGH	<input type="checkbox"/>	0
400		Unknown	1001-1002	Unknown Unknown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHGH	<input checked="" type="checkbox"/>	0
399		Unknown	1001-1002	Unknown Unknown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHGH	<input checked="" type="checkbox"/>	0
398		Unknown	1001-1002	Unknown Unknown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHGH	<input checked="" type="checkbox"/>	0
397		Unknown	1001-1002	Unknown Unknown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHGH	<input checked="" type="checkbox"/>	0

[REFRESH GRID DATA and COLUMN FILTERS](#)

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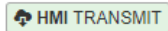
View 1 - 5 of

## TITLE AREA PAGE TOP

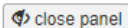
- Blue, orange, and olive question mark icons are links to <http://blog.tanklogix.com> and additional links and tutorials can be found there. Smaller black question marks are in-page help windows.
- Eye icon will toggle viewability of upper-page controls to maximize page real estate in certain situations
- Disposal quick links across page top are for convenience, and allow navigation to the most recent page versions, the same as with the main navigation Disposal submenus quick links.
- In those cases where modal windows pop up for more information, you may exit these by clicking close, pressing your escape key, or clicking outside the modal.

## ON-DEMAND TRANSMISSIONS AND CONFIGURATION

- **HMI TRANSMIT**
- The green HMI Transmit button allows you to transmit lease and well information on-demand.
- Both lease and well files are queued and transmitted within a few minutes.



---

hmi transmit panel begin  This panel allows you to **submit** on-demand **Lease** and **Well** data transmission requests and **configure Lease, Well, and Driver** transmission settings

4 SITES

ALL SITES ▼ ⓘ

⚡ TRANSMIT LEASE and WELL INFORMATION TO SITE :  
ALL SITES ⓘ

hmi transmit panel end

---

- 
- **There are 2 sources of Leases and Wells**
- **1. RRC-sourced**
  - This option will populate the wells file based on what is currently showing in the Ticket Transactions Grid.
  - Only those rows that are RRC-verified will be selected.
  - This results in a lease-well population that is very focused, based the most recent drivers selections / user edits.
  - This represents lease-well data from BOTH Texas-RRC and Company-Supplied sources where the incoming ticket information (or user-edited information) in the Ticket Management grid matches exactly on Lease Number + RRC District + OilGas + Well Number
- **2. Company-Supplied Supplemental:**
  - The Company-Supplied Supplemental option will further populate the wells file based on what is currently in the Company-Supplied Lease and Wells Management Grid.
  - The Company-Supplied Lease and Wells Management Grid may contain well information that is not yet in the official Texas RRC file, and which may not have been selected yet by drivers; this option presents the pre-Texas-RRC well information for current or future ticket selection.
  - This method can populate the HMI well selections **before the official monthly Texas RRC well information comes online.**

## HMI PORTAL BUTTON

- **HMI PORTAL** blue button: Show most recent lease and well data transmitted from Portal to Remote Site HMI / Kiosk.
- Click and select from Sites dropdown box.

hmi portal data content panel begin close panel This panel shows the most recent **Lease** and **Well** data transmitted from the Portal to a Remote Site HMI - a snapshot of customer and driver values at the time of transmission request.

2 SITES  
 ALL SITES REFRESH GRID Data TRANSMISSION REFRESH STATUS: NOT APPLICABLE

null / HMI Transmission Status grid column filter help

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LEASE NAME	LEASE NUMBER	WELL NUMBER	RRC DISTRICT	OIL = O GAS = G	LEASE-WELL TYPE LEASE = L WELL = W	LEASE-WELL DATA ORIGIN Customer-Supplied = C RRC-Data = R	ORIGINATOR	TRANSMIT DATE LOCAL TIME
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		

hmi portal data content panel end

## HMI TRANSMISSION STATUS BUTTON

- **HMI TRANSMISSION STATUS** orange button: Monitor transmissions for Lease, Well, and Driver files.
- Click and select from Sites dropdown box.
- View content of Lease, Well, and Driver files

hmi transmission status panel begin close panel This panel allows you to **monitor** transmission success or failure of **Lease**, **Well**, and **Driver** files, and **see data content** on the HMI at the remote site (time-delayed)

TankLogix Oil Company Transfer REFRESH GRID Data TRANSMISSION REFRESH STATUS: COMPLETE

REMOTE HMI Transmission Status grid column filter help

REFRESH GRID DATA and COLUMN FILTERS Page 1 of 1 10 View 1 - 2 of

COMPANY NAME	BOX ID	SITE NAME	LEASE TRANS STATE	WELL TRANS STATE	DRIVER TRANS STATE	LEASE MESSAGE	WELL MESSAGE	DRIVER MESSAGE	VIEW HMI FILE CONTENTS	VIEW HMI FILE CONTENTS	LEASE WELL NIGHTLY BATCH	LEASE-WELL MOST RECENT CONNECTION ATTEMPT	LEASE-WELL MOST RECENT CONNECTION SUCCESS	VIEW HMI FILE CONTENTS	DRIVER FTP PORTAL DIRECT	DRIVER NIGHTLY BATCH	DRIVER MOST RECENT CONNECTION ATTEMPT	DRIVER MOST RECENT CONNECTION SUCCESS
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>			<input type="text"/>	<input type="text"/>	<input type="text"/>		
1 TankLogix Oil Company Trans	12101	TL Demo Site 101	Y	Y	Y				<span>LEASE</span>	<span>WELL</span>	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM	<span>DRIVER</span>	Y	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM
2 TankLogix Oil Company Trans	12102	TL Demo Site 102	Y	Y	Y				<span>LEASE</span>	<span>WELL</span>	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM	<span>DRIVER</span>	Y	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM

hmi transmission status panel end

## TICKET ALERTS - STATUS BUTTON

- **TICKET ALERTS:** rose button: Monitor tickets and images across your sites
- View the most recent ticket and image from each site in a single grid, with elapsed times.
- Set time thresholds for visual alerts in the grid.
- There is no alarming on feature currently – just the visual messages in the grid.

ticket alerts panel begin [close panel](#) This panel allows you to **monitor** all of the **Ticket** and **Images** transmissions across your sites

[REFRESH GRID Data](#) [EDIT Grid](#) [RESET Grid](#) [SAVE Selected Row\(s\)](#)

TICKET DATA and TICKET IMAGES STATUS and CONFIGURATION [grid column filter help](#)

REFRESH GRID DATA and COLUMN FILTERS Page 1 of 1 10 View 1 -

	BOX ID	SITE NAME	SET ALERT TICKET DATA TIME INTERVAL (hours)	TICKET DATA ALERT STATUS	most recent TICKET START DATE TIME	INTERVAL SINCE LAST DATA (MIN)	INTERVAL SINCE LAST DATA (HR)	INTERVAL SINCE LAST DATA (DAY)	SITE CONFIGURED FOR IMAGES?	SET ALERT TICKET IMAGES TIME INTERVAL (hours)	TICKET IMAGE ALERT STATUS	most recent VERIFIED IMAGE DATE TIME	IMAGES FOR THIS TICKET	INTERVAL SINCE LAST IMAGE (MIN)	INTERVAL SINCE LAST IMAGE (HR)	most recent TICKET ID	most recent CUSTOMER ID DRIVER ID	most recent LEASE NUMBER
1	12101	TL Demo Site 101	10	ALARM-ALERT	NOV 20, 2018 7:28 AM	11998	200	8	N	0	no alert is set					101	49368513	12552
2	12102	TL Demo Site 102	96	ALARM-ALERT	NOV 20, 2018 7:07 AM	12019	200	8	N	0	no alert is set					101	49368513	12552

REFRESH GRID DATA and COLUMN FILTERS Page 1 of 1 10 View 1 -

## CUSTOMERS / DRIVERS WINDOWS

- Additional functionality, sort/search provided for the Customers and Drivers dialog windows:

**DISPOSAL CUSTOMERS** [SELECT ALL](#) | [SELECT INDIVIDUAL](#) | [SHOW SELECTED](#) | [RESET](#)

1 of 450 CUSTOMERS SELECTED      CUST NAME         CUST ID

3H TRUCKING / 2985

4 J TRUCKING / 5463

4 KING VACUUM / 2977

4C CONSTRUCTION / 3189

5 STAR TRANSPORT, INC. / 4647

displayed: CUSTOMER NAME / CUSTOMER NUMBER

/  [CUSTOMER FILTERS](#)

(CUSTOMER NAME / CUSTOMER NUMBER)

**DISPOSAL DRIVERS** [SELECT ALL](#) | [RESET](#)

6 of 6 DRIVERS SELECTED      DRIVER NAME         DRIVER ID

2985 / asdfasdf fffffff / 1234

2985 / Default Driver / 8529

2985 / Jack Q Sample / 3333

2985 / Jill Q Sample / 2222

2985 / John Q Sample / 1111

displayed: CUSTOMER NUMBER / DRIVER NAME / DRIVER NUMBER

/  /  [DRIVER FILTERS](#)

(DRIVER FIRST NAME / DRIVER LAST NAME / DRIVER NUMBER)

## LEASE-WELL SEARCH, MANUAL TICKET CREATION, BULK EDITS

- Click on eye icon to reveal Lease-Well search, Manual Lease-Well Ticket Creation, and Lease-Well Bulk Edits:



👁️ HIDE LEASE-WELL SEARCH, MANUAL TICKET CREATION, BULK EDITS

LEASE-WELL SEARCH

MANUAL LEASE-WELL TICKET CREATION

LEASE-WELL BULK EDITS

## LEASE-WELL SEARCH

LEASE-WELL SEARCH

**1** FULL TEXT SEARCH (key any combination and order of Lease Number, Well Number, Lease Name, Operator Name, District, and Gas/Oil) SET LEASE-WELL SORT ORDER **3**

Due to the potentially large number of results searching for only Well Number with fewer than five(5) characters, you will please need to include another search field with it. Well Numbers with five(5) characters or more can be searched separately (for both Full-Text Search and Individual Search controls).

**2** RESET INDIVIDUAL LEASE-WELL SEARCH FILTERS

Lease No.  Lease Name  Well Number  Operator Name  RRC District  Oil or Gas  Data Source  SET LEASE-WELL SORT ORDER **3**

Lease-Well Information Search\* CURRENT SELECTION : 10695 / ARC - THOMSON - BARROW / 4 / AURORA RESOURCES CORPORATION / 02 / Oil / [source: Texas RRC] **4**

(a maximum of 1,500 leases will be displayed) [TEXAS RRC DISTRICT MAP - OTHER INFO](#) / [TEXAS RRC WELLBORE QUERY](#) / [TEXAS RRC DRILL PERMITS QUERY](#)

- 229827 / ARC - THOMSON - BARROW / 3 / AURORA RESOURCES CORPORATION / 02 / Gas / [source: Texas RRC]
- 10695 / ARC - THOMSON - BARROW / 4 / AURORA RESOURCES CORPORATION / 02 / Oil / [source: Texas RRC]
- 280559 / ARC THOMSON-BARROW / 5 / AURORA RESOURCES CORPORATION / 02 / Gas / [source: Texas RRC]
- 11290 / ARC THOMSON-BARROW / 5 / AURORA RESOURCES CORPORATION / 02 / Oil / [source: Texas RRC]
- 09780 / ARC-CALL & JONES / 5 / BXP OPERATING LLC / 03 / Oil / [source: Texas RRC]

\* Displayed as Lease Number / Lease Name / Well Number / Operator Name / RRC Oil and Gas District / Oil or Gas / [source: Texas RRC or Company-supplied] | Texas RRC Lease-Well data updated on April 4, 2018 **5**

**6**  Use the LEASE NUMBER, RRC OIL/GAS DISTRICT, WELL NUMBER, and LEASE TYPE selected above to replace values when editing the TICKET TRANSACTIONS GRID below.

[CLOSE](#)

- 
- **1:** Full-text search for all lease, well, operator, etc.
- **2:** Individual field search for all lease, well, operator, etc. These will filter the results in the Search Box.
- **3:** Modal popup that will allow for 3-levels of sorting the Lease-Well Information Search results window.
- **4:** Current selection label so what you have chosen will remain identified as you scroll through the results.
- **5:** Indicator showing the date of the latest RRC Lease-Well database update.
- **6:** When this checkbox is checked, your selected entry in this box will be applied to all rows in the Grid that are in edit mode and then are saved. This checkbox is mutually exclusive to the Lease-Well Bulk Edits checkbox. These are two separate ways to bulk edit the Grid, can cannot be used together (to avoid unexpected interactions in the Grid).

## MANUAL LEASE-WELL TICKET CREATION

- **1:** Pre-fill some of these input boxes by clicking Copy Lease Search Info for any selected radio button in the Lease-Well Search results
- **2:** Customer and Driver selections are made here, instead of up above in main Customer and Driver area.

MANUAL LEASE-WELL TICKET CREATION **1**

Ticket Number:	<input type="text"/>
Barrels:	<input type="text"/>
Lease Number:	<input type="text"/>
Well Number:	<input type="text"/>
RRC District:	<input type="text" value="01"/>
Lease Type:	<input type="text" value="Oil"/>
Produced Water:	<input type="text" value="Yes"/>
Notes/Reference:	<input type="text"/>
Ticket Batch Tag:	<input type="text"/>
Water Type:	<input type="text" value="Unidentified"/>
Creation Date:	<input type="text" value="11/14/2017"/>
Customer Name / ID:	<input type="text" value="3H TRUCKING Bagley / 2985"/>
Driver Name / ID:	<input type="text" value="2985 / Default Driver / 8529"/>

[CLOSE](#)

Some items to note: It is permissible to create Duplicate ticket numbers from this panel. In some cases, this is the desired behavior.

## SINGLE, BULK AND BATCH EDITS DIFFERENCES

Ticket transactions in the Disposal Data Grid can be manipulated in single or multiple row edit modes:

- **SINGLE Edits** can be done directly in the grid itself by clicking into a row, entering data in an editable cell, and pressing enter on your keyboard (for PC and Mac). If using a mobile device, by using BATCH controls to help save:

[👁️ GRID BATCH CONTROLS](#)

- This toggle control will expose several batch controls:



- **BATCH Edits** can then be done using these buttons (a batch could be 1 row).

LEASE-WELL BULK EDITS

- **BULK Edits** are done by using the controls in the Panel

## LEASE-WELL BULK EDITS

- **BULK EDITS** are those edits done to 1 or more rows in the visible Grid where the same values in input boxes in the Bulk Edits panel are applied to each selected row. Individual cells inside the grid cannot be edited directly if doing a BULK EDIT operation
- **1:** Pre-fill some of these input boxes by clicking Copy Lease Search Info for any selected radio button in the Lease-Well Search results
- **2:** Each data column has a value box and an Apply checkbox. In order for selections to be edited-transferred to the grid, the Apply box must be checked. In this example, if we selected Lease Number 112233 and wanted to change all selected rows in the grid with this Lease Number, we would click the Apply Bulk Edits green button to do this.
- **3:** This button applies all checked values into the grid below, for all rows in Edit mode. These can be applied at a single time to as many rows as are in the
- **4:** The grid reflects all changes from the bulk edits operations.
- Note: clicking the Lease-Well Bulk Edits checkbox, or the CLOSE links, will uncheck all Apply checkboxes. Textbox values persist.

LEASE-WELL BULK EDITS [COPY LEASE SEARCH INFO](#) **1**

LEASE NUMBER  Apply

NOTES  Apply

LEASE TYPE  Apply

RRC DISTRICT  Apply

PRODUCED WATER  Apply

WATER TYPE  Apply

TICKET BATCH TAG  Apply

CUSTOMER NAME / CUSTOMER ID  Apply Customer and Driver

CUSTOMER ID / DRIVER NAME / DRIVER ID

**3**

[CLOSE](#) [CLOSE](#)

help

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ER IE	TICKET ORIGIN	TICKET DRIVER IMAGE	TICKET START TIME	TICKET STOP TIME	LEASE NUMBER	LEASE NUMBER FULL	WELL NUMBER	LEASE TYPE	RRC DISTRICT	RRC LEASE VERIFIED	VOLUME BBLs	NOTES	PF
					<input type="text" value="16285"/>	<input type="text" value="16285"/>	<input type="text" value="122"/>	<input type="text" value="Oil"/>	<input type="text" value="06"/>	<input type="text" value="NO"/>	<input type="text" value="145"/>	<input type="text" value="GGBBGHG"/>	
rown	CSV	<a href="#">VIEW</a>	MAR 12, 2019 12:00 AM	MAR 12, 2019 12:00 AM	16285	16285	122	Oil	06	NO	145	GGBBGHG	
rown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHG	
rown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHG	
rown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHG	
rown	CSV	<a href="#">VIEW</a>	MAR 11, 2019 02:00 PM	MAR 11, 2019 02:00 PM	18138	18138	124	Oil	05	NO	100	GGBBGHG	

## PROTECTION AGAINST ACCIDENTAL DATA DELETION

While bulk editing, you may need to remove-delete values in some columns. The allowed columns for this removal functionality are NOTES, WELL NUMBER, and TICKET BATCH TAG. However, in order to bulk delete values in any of these 3 columns, there is an additional checkbox (positioned at the right of the APPLY checkbox and refresh icon for each of these 3 fields) that you must **manually** set. This is to protect against accidental bulk deleting of these 3 values. Accidental deletion protection is already in place for Lease Number and Volume, as those fields can never be blanks or zeros. Check out the **X** checkboxes:

LEASE-WELL BULK EDITS

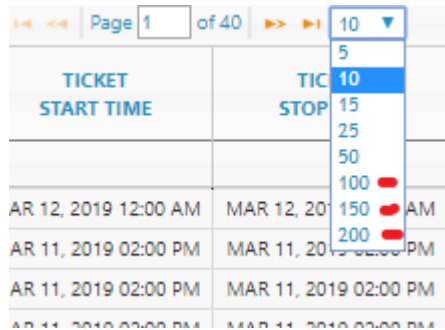
  

LEASE NUMBER <input type="text"/> <input type="checkbox"/> Apply	VOLUME (BBL) <input type="text"/> <input type="checkbox"/> Apply	NOTES <input type="text"/> <input checked="" type="checkbox"/> Apply <input checked="" type="checkbox"/> X	LEASE TYPE Oil <input type="text"/> <input type="checkbox"/> Apply	RRC DISTRICT 01 <input type="text"/> <input type="checkbox"/> Apply	PRODUCED WATER Yes <input type="text"/> <input type="checkbox"/> Apply
WELL NUMBER <input type="text"/> <input checked="" type="checkbox"/> Apply <input checked="" type="checkbox"/> X	WATER TYPE Unidentified <input type="text"/> <input type="checkbox"/> Apply	TICKET BATCH TAG <input type="text"/> <input checked="" type="checkbox"/> Apply <input checked="" type="checkbox"/> X			
CUSTOMER NAME / CUSTOMER ID 3H TRUCKING / 2985 <input type="text"/> <input type="checkbox"/> Apply Customer and Driver	CUSTOMER ID / DRIVER NAME / DRIVER ID 2985 / Default Driver / 8529 <input type="text"/>				

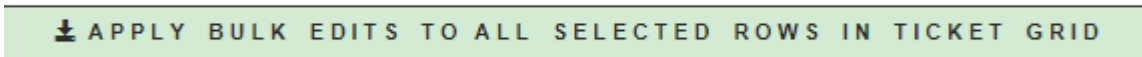
In this screenshot, we have set the NOTES, WELL NUMBER, and TICKET BATCH TAG to replace all selected rows in the Ticket Transaction Grid with blanks. Note that the **X** delete checkbox must be manually set. You may uncheck these **X** checkboxes in a single click by pressing the **Uncheck All Checkboxes** button, or of course uncheck them individually.

## BULK EDIT UP TO 200 ROWS

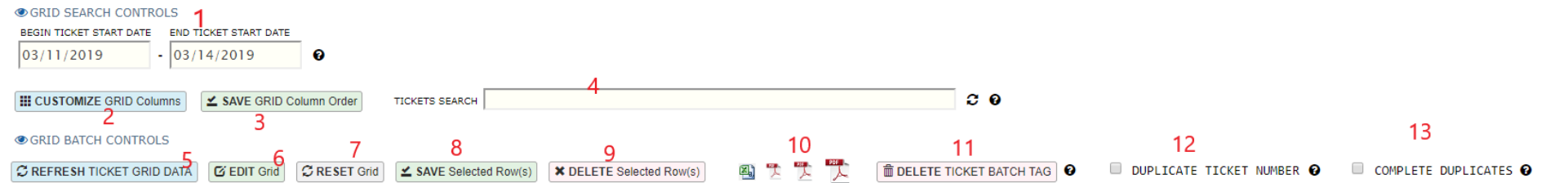
You may now bulk edit up to 200 rows (or view 200 rows) in the grid. We have extended the viewable/bulk editable rows from 50 to increments now of 100, 150, or 200. You can see this in the pagination dropdown control at the top of the Ticket Transactions Grid:



There is also a new button at the bottom of the Ticket Transactions Grid for Bulk Editing. It displays when the Lease-Well Bulk Edits panel is open, and hides when the panel is closed. This is for convenience and will allow you to save your bulk edits at the end of a long list without having to scroll up and click the primary button:



## TOP OF GRID CONTROLS



- **1:** Search Date Range: Targets the Ticket Start Time for searching.
- **2:** Customize Grid Columns: You may select which columns you want to appear in your grid and save that order. When you click this button, the following modal appears:

- **3:** You may save the grid order of your grid. You can drag and drop with your mouse any column header and reposition the column left-to-right. Once you get the order how you wish, click the Save Grid Column Order button and the grid stays in that order during your session and when you come back to this page
- **4:** Tickets Search: Search for multiple tickets, each ticket number separated by a comma (,).
- **5:** Customize Grid columns: Choose

Select Fields - Columns You Wish to View in the Grid

[SELECT ALL](#) | [RESET ALL](#)

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Edit Actions                      | <input checked="" type="checkbox"/> RRC Verified       | <input checked="" type="checkbox"/> RRC Lease Name       |
| <input checked="" type="checkbox"/> Ticket ID              | <input checked="" type="checkbox"/> Volume BBLs        | <input checked="" type="checkbox"/> RRC Operator Name    |
| <input checked="" type="checkbox"/> Ticket Split ID        | <input checked="" type="checkbox"/> Notes              | <input checked="" type="checkbox"/> Accounting Code      |
| <input checked="" type="checkbox"/> Disposal Customer Name | <input checked="" type="checkbox"/> Lease Type         | <input checked="" type="checkbox"/> Production Ticket Id |
| <input checked="" type="checkbox"/> Customer ID-Driver ID  | <input checked="" type="checkbox"/> RRC District       | <input checked="" type="checkbox"/> Water Type           |
| <input checked="" type="checkbox"/> Driver Name            | <input checked="" type="checkbox"/> Produced Water     | <input checked="" type="checkbox"/> Lease Number Full    |
| <input checked="" type="checkbox"/> Ticket Origin          | <input checked="" type="checkbox"/> Disposal Lane      | <input checked="" type="checkbox"/> Well Number          |
| <input checked="" type="checkbox"/> Ticket-Driver Image    | <input checked="" type="checkbox"/> Last Edited By     | <input checked="" type="checkbox"/> Lease Well Check     |
| <input checked="" type="checkbox"/> Ticket Start Time      | <input checked="" type="checkbox"/> Edited Date        | <input checked="" type="checkbox"/> Ticket Image Count   |
| <input type="checkbox"/> Ticket Stop Time                  | <input checked="" type="checkbox"/> Actual Volume      | <input checked="" type="checkbox"/> Ticket Image Status  |
| <input checked="" type="checkbox"/> Lease Number           | <input checked="" type="checkbox"/> Entered Lease Name |  |

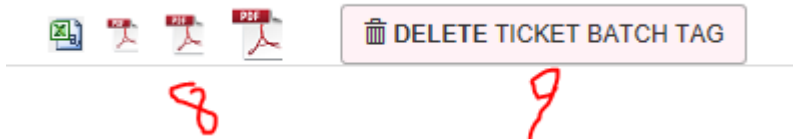
- **6:** Edit Grid. Open up to 10 rows a modal showing a grid of reporting any CSV manual uploading activity your company has had:

Manual Transactions Ticket Management Status														
FROM		10/07/2017	TO		11/14/2017									
MANUAL CSV TICKET UPLOADS - DETAILS VIEW														
File Submitter User Name	File Submitter First Name	File Submitter Last Name	Site Name	Box ID	Uploaded File Name	Ticket Batch Tag	Loading Status	Tickets Qty	Volume BBL	Time Zone	Duplicate Tickets Allowed	Customer ID Driver ID Columns	Load Date Local Time	
1	GBagley	Greg	Bagley	TL Demo Site 2	12002	TankLogixModelUpload15ColumnV3_CustDriver1Col.csv		Loading Complete	15	1743	UT-GMT-7	N	1	11/13/2017 3:57:46 PM



- 6: Open up additional controls.
- 

As other controls are opened using: 6: Open up additional controls, we see:



- 8: File Download: This allows for file downloads in CSV or PDF of the grid contents
- 9: Delete Ticket Batch Tag: This allows you to remove a CSV manual batch tag (or any other group of tickets) that matches the Ticket Batch Tag field. This the former Ticket Split ID field renamed. It is short – 5 characters only. But it allows a tag to delete if you need to remove an incorrect CSV upload. You set the Ticket Batch Tag in the CSV upload itself, or you can do this via Bulk Edits, or editing each line separately.

DUPLICATE TICKET NUMBER ?  COMPLETE DUPLICATES ?

Also, a way to detect duplicate and “complete duplicate” tickets in your grid. Details in the ? icons.

The screenshot shows the TANKLOGIX PORTAL interface. At the top, there are filters for '33 SITES', 'SITE NAME', and 'SITE NUMBER'. Below that is a 'SITE FILTER' section. A 'SEARCH DATE RANGE' section is highlighted with a blue circle, showing dates from 11/11/2017 to 11/14/2017. A 'Ticket Batch Tag Deletion' dialog box is open, showing a warning message and a 'TICKET BATCH TAG' field with the value 'A-223'. A red circle highlights the 'A-223' value. A blue line connects the 'SEARCH DATE RANGE' section to the 'Limit Batch Tag DELETE scope to the current SEARCH DATE RANGE' checkbox in the dialog box. Below the dialog box is a data grid with columns: Delete Row, Ticket Number, Production Ticket ID, Ticket Batch Tag, Customer Name, Customer ID Driver ID, Driver Name, Ticket Origin, Ticket-Driver Image, Ticket Start Time, Lease Number, Lease Number Full, Lease Type, RRC District, Well Number, RRC Lease Verified, Volume BBLs, Water Type, Produced Water, Disposal Lane, and Notes. The 'Ticket Batch Tag' column is highlighted with a red circle. The grid contains three rows of data.

Delete Row	Ticket Number	Production Ticket ID	Ticket Batch Tag	Customer Name	Customer ID Driver ID	Driver Name	Ticket Origin	Ticket-Driver Image	Ticket Start Time	Lease Number	Lease Number Full	Lease Type	RRC District	Well Number	RRC Lease Verified	Volume BBLs	Water Type	Produced Water	Disposal Lane	Notes
1	2	0	A-223	Unknown	0025-0012	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	130	Unidentified	0	0	check out2
2	3	0		TankLogix QuickScan Default Customer	9999-9999	QuickScan Last Name	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	130	Pit	0	0	check out2
3	4	0		Unknown	0089-8991	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	80	Flow Back	0	0	check out2

This is an example of how you would delete this ticket (and all others containing value A-223 in the Ticket Batch Tag) for a specific time date range. This checkbox is defaulted to be checked. If you do not check this, all tickets, regardless of Ticket Start Time, will be removed for this Ticket Batch Tag value.



## GRID HEADER FUNTIONALITY

By clicking the toggle control:

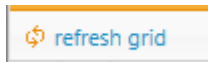
 GRID BATCH CONTROLS

The following buttons appear:



- **1: BATCH EDIT GRID** (set all visible rows to edit mode): This button will currently open up to 10 rows in edit mode (greater capacity in future versions).
- **2: BATCH EDIT GRID** (set all visible rows to edit mode): This button will currently open up to 10 rows in edit mode (greater capacity in future versions). Every editable field/column in those rows can be changed in as many cell combinations as desired. To close the edit mode of rows without saving changes, press button **2: RESET Grid**. To Save all rows, press button **3: SAVE**. To DELETE selected grid rows, press button **4: DELETE**. To save a single row (even if multiple rows are selected), place your cursor into an edited row, make your change, and with the cursor in a cell on that row, press Enter key. This is known as **INLINE** editing. And if your cursor is in the grid and you press enter, it will save just that single row.
- **3: RESET GRID**: Although the grid auto-refreshes in many instances of UI changes, this will allow you to reset the grid results.
- **4: SAVE Selected Row(s)**: This button will **save** the checked rows in your grid.
- **5: DELETE Selected Row(s)**: This button will **delete** the checked rows in your grid.

To refresh the grid, press this:



## GRID HEADER FUNTIONALITY



Please view the help section by using the orange question mark icon on the page. This links to more information about refreshing ticket grids, reset grids, edits, etc.

---

## GRID INFORMATION

### INDIVIDUAL GRID COLUMNS

Many columns are searchable with filters and sortable. Several fields are editable in this grid. With all grid editing, the total number of rows edited is what is visible. In a paginated results set, let's say we have 14 total rows of data and page 1 is set to display 10 rows, only the first 10 (all on page 1) will be edited. In other words, BATCH or BULK editing does not extend (per click) beyond the visible page of rows in the GRID.

### **Checkbox Column**

This column will toggle all the checkboxes on. This can be used for Bulk Edit selection of rows. It does not open all cells for editing like the EDIT GRID button does; however, it can also be used to toggle in edit mode more than 10 rows at a time.

### **Ticket Number**

An Integer type field to hold Ticket Info for a transaction

### **Production Ticket ID**

This may be different from the Ticket Number, based on what programming and input it in place at the individual field HMI – site.

### **Ticket Batch Tag**

A 15-character designator field to identify a group of records/rows. These can then be deleted in full by the DELETE Ticket Batch Tag button if needed.

### **Customer Name**

Trucking company associated with this ticket.

### **Customer ID - Driver ID**

4-digit Customer ID and 4-digit Driver ID associated with this ticket.

### **Driver Name**

Full text first and last name of name associated with Driver ID code within the context of a specific Customer ID.

### **Ticket Origin**

May be PLC, TankWarden, Manual, or CSV. You may search the column filter by multiple combinations of the first letter: P,T or M,C etc.

### **Ticket-Driver Image**

Link to driver image if one present.

### **Ticket Start Time**

Local time valve was open to offload liquid.

### **Lease Number**

Integer value for Lease Number associated with this ticket.

**Lease Number Full**

Zero-filled full Lease Number.

**Lease Type**

Oil or Gas.

**RRC District**

One of various defined Oil/Gas districts in the state of Texas.

**Well Number**

Alphanumeric representation of well number associated with a specific lease for a specific load.

**RRC Lease Verified**

If the Lease Number + RRC District + Gas-Oil Flag values equal the same info from either the Texas RRC monthly file or your Company's own Customer-Supplied Lease-Well info, then "YES" will appear in this column; otherwise, if there is not a valid match, "NO" will appear.

**Volume BBLs**

Self-explanatory.

**Water Type**

One of several preset values here in this dropdown.

**Produced Water**

Yes-No flag to tag if this transaction was produced water or not.

**Disposal Lane**

Lane number where truck offloaded liquid.

**Notes**

A 25-character text field that can be used to describe this transaction. In several post-P18 reports, the Notes field is part of the reporting.

**Created By / Edited By**

Username of person making edits to the grid.

### Create / Edit Date

Date ticket was created or edited.

### Actual Volume

BBL is field used. This field is exploratory for now.

### Entered Lease Name

Future use.

### RRC Lease Name

Official RRC Lease Name, based on monthly table lookup.

### RRC Operator Name

Official RRC Operator Name for this lease, based on monthly table lookup.

### Accounting Code

Houses a series of dropdown values to document ticket status:

The image shows a screenshot of a web form. At the top, there is a header box labeled "ACCOUNTING CODE" in blue text. Below this is a text input field with a small "x" icon to its right. Underneath the text field is a dropdown menu. The dropdown menu is currently open, showing a list of options: "Missing Info", "Blank Ticket", "Missing Info", "Blank Ticket", "Illegible", "Missing Info", "Missing Ticket", and "Time Overlap". The "Missing Info" option in the second row of the dropdown is highlighted in blue. The first two rows of the dropdown menu are highlighted with a yellow border.

## Row ID

Internal Use Only.

## Ticket Image Count and Ticket Images Status



On those sites configured for ticket images, two new fields to see the ticket count (1 through ?) and whether the ticket image is a single, or multiple, pending (waiting for image), status. This helps to detect any missing images, if that happens, and have a faster resolution.

TICKET DRIVER IMAGE	TICKET IMAGE COUNT	TICKET IMAGE STATUS
	<input type="text"/> x	<input type="text"/> x
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>		pending
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single
<a href="#">VIEW</a>	1	single

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## NOTIFICATIONS

### ICONS AND SYMBOLS

Toggling the  icon will show/hide certain information. Clicking the  icon will send you to the TankLogix blog where tutorials and other helps can be found for this page.

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## OTHER INFORMATION

	Documentation Version / Author / Revision Date
<b>1</b>	3.6 / Greg Bagley / March 15, 2019
	3.9 / Greg Bagley / September 12, 2019

