



# TANKLOGIX PORTAL

TICKET MANAGEMENT 3.4



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## INTRODUCTION




Ticket Management 3.4 represents an upgrade in functionality and performance over all previous versions. Version 3.4 is the only version now offered in the Portal, due to some specific architectural upgrades as well. All other versions have been removed from the portal. New items in ticket management 3.4 include:


1. On-demand transmission of Leases, Wells and Drivers information, initiated by the user, to all HMI remote sites that are configured for it.
2. Configuration for nightly batch transmissions of leases, wells, and driver codes on a per site basis
3. Reporting and status surrounding each leases and wells file at each remote site.
4. Transaction tickets alerts (online grid info) for all sites, both for transaction ticket data and ticket images. Set time interval per site for data, images, or both, to trigger alert. Full alarming coming soon in the near-future upgrade to the Alarms Pages.
5. Disposal Quick Links – faster navigation to all disposal-related pages.
6. Updated help throughout the page and updated documentation on [blog.tanklogix.com](http://blog.tanklogix.com).
7. Ability to set the lease-well sort order in the results window for Full Text search and individual lease-well searches.
8. Better labeling and visual cues as to which lease-well has been selected while scrolling down the results window.
9. Batch Tag field expanded from 5 to 15 characters in length.
10. Checkbox for filtering grid on Duplicate Ticket Numbers.
11. Checkbox for filtering grid on Complete Duplicates in Tickets (criteria explained later on in this document).
12. Accounting Code is included now as a 25-character text field to be used in identifying various items. It appears as a dropdown in the Ticket Transactions Grid.
13. Performance improvements and bug fixes
14. Other items described below

## PORTAL NAVIGATION

### Disposals > Ticket Transactions 3.4

## PAGE FEATURES

TICKET TRANSACTIONS 3.4   

DISPOSAL QUICK LINKS  **TICKETS** CUSTOMERS DRIVERS COMPANY-SUPPLIED LEASES-WELLS RATES LOCATIONS TICKET TRANSFERS CSV UPLOADS P-18 FORM


TankLogix Oil Company Transfer

HMI TRANSMIT HMI PORTAL HMI TRANSMISSION STATUS TICKET ALERTS

**SITES**

1 SITE SITE NAME ^ v SITE NUMBER ^ v

TL Demo Site 102 / 12102


12102  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 END TICKET START DATE


11/14/2018 - 11/17/2018 

 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 102 / 12102**  grid column filter help

 REFRESH GRID DATA and COLUMN FILTERS Page 1 of 1 10

	TICKET NUMBER	TICKET BATCH TAG	CUSTOMER NAME	CUSTOMER ID DRIVER ID	DRIVER NAME	ACCOUNTING CODE	TICKET ORIGIN	TICKET DRIVER IMAGE	TICKET START TIME	TICKET STOP TIME	LEASE NUMBER	RRC LEASE VERIFIED	VOLUME BBLs	NOTES	LEASE TYPE	RRC DISTRICT	PRODUCED WATER	DISPOSAL LANE
	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x		<input type="checkbox"/> x	<input type="checkbox"/> x				<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x
1	<input type="checkbox"/>	33333	some batch tag	Company Name 2322	2322-2300	g bags2	Manual	<a href="#">VIEW</a>	NOV 16, 2018 11:00 AM	NOV 16, 2018 11:00 AM	180538	YES	125	notes	Gas	08	<input checked="" type="checkbox"/>	0
2	<input type="checkbox"/>	22222	same batch tag	Customer Name 1000	1000-1002	g bags2	Manual	<a href="#">VIEW</a>	NOV 16, 2018 11:00 AM	NOV 16, 2018 11:00 AM	235	YES	125		Oil	10	<input checked="" type="checkbox"/>	0
3	<input type="checkbox"/>	11111		Customer Name 1000	1000-1001	g bags	Manual	<a href="#">VIEW</a>	NOV 16, 2018 11:00 AM	NOV 16, 2018 11:00 AM	235	YES	125		Oil	10	<input checked="" type="checkbox"/>	0

 REFRESH GRID DATA and COLUMN FILTERS Page 1 of 1 10


## TITLE AREA PAGE TOP

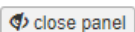
- Blue and orange question mark icons are links to <http://blog.tanklogix.com> and additional links and tutorials can be found there. Smaller black question marks are in-page help windows.
- Eye icon will toggle viewability of upper-page controls to maximize page real estate in certain situations

- 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

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

2 SITES

ALL SITES 

 TRANSMIT LEASE and WELL INFORMATION TO SITE :   
ALL SITES

 CONFIGURE ALL TRANSMISSION SETTINGS :   
LEASES | WELLS | DRIVERS

hmi transmit panel end

- 
- You may configure your sites (with the orange button) to also receive nightly batch updates for leases, wells, and driver codes. Also configure the sources for Lease and Well information being transmitted down:
-

REFRESH GRID DATA EDIT Grid RESET Grid SAVE Selected Row(s)

LEASES-WELLS-DRIVERS TRANSMISSION CONFIGURATION SETTINGS grid column filter help

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

	BOX ID	SITE NAME	TICKET MANAGEMENT GRID 3.x	COMPANY SUPPLIED SUPPLEMENTAL	TEXAS RRC COMPLETE (FUTURE)	LEASE-WELL NIGHTLY BATCH REFRESH	DRIVER NIGHTLY BATCH REFRESH
	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x	<input type="checkbox"/> x
1	<input type="checkbox"/> 12101	TL Demo Site 101	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	<input type="checkbox"/> 12102	TL Demo Site 102	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Close

- 
- **Ticket Management Grid 3.x:**
  - 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
- **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.**
- **Texas RRC Complete (future):**
  - The Texas RRC Complete option will further populate the wells file based on all the matches of leases-to-wells in a one-to-many relationship, based on the full population of the RRC file.



- The resulting wells file will be substantially larger and may exceed the 400 row file limit that the HMI can display. This will result in possible truncation of some well information at the end of file (file is sorted by Lease Name in ascending order).

## 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  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  TRANSMISSION REFRESH STATUS: NOT APPLICABLE

null / HMI Transmission Status grid column filter help

Page 1 of 0 10

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  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  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"/>	<input type="text"/>		
1 TankLogix Oil Company Trans	12101	TL Demo Site 101	Y	Y	Y				<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM	<input type="button" value="Q DRIVER"/>	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				<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	Y	NOV 28, 2018 11:01 AM	NOV 28, 2018 11:01 AM	<input type="button" value="Q DRIVER"/>	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.

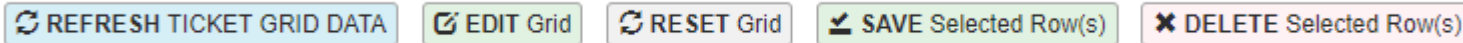
## SINGLE, BULK AND BATCH EDITS DIFFERENCES

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 grid 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.

Order  VIEW CSV Upload Status

ows to edit mode)  RESET GRID (exit edit mode - do not save rows)  SAVE GRID ROWS IN EDIT MODE AND CHECKBOXED  DELETE SELECTED GRID ROWS (CHECKBOXED)

Page 1 of 2

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
0025-0012	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	130	Unidentified	<input checked="" type="checkbox"/>	0
9999-9999	QuickScan Last Name	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	130	Pit	<input checked="" type="checkbox"/>	0
0089-8991	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	80	Flow Back	<input type="checkbox"/>	0
0007-0001	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	110	Produced	<input checked="" type="checkbox"/>	0
0012-3456	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	145	Dirty Water	<input checked="" type="checkbox"/>	0
0123-4567	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	122	Fresh Water	<input type="checkbox"/>	0
1234-5678	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Mud	<input type="checkbox"/>	0
0006-0001	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Pipeline	<input type="checkbox"/>	0
0005-1251	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Pipeline	<input type="checkbox"/>	0
0017-1456	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10694	10694	Oil	02	4	YES	145	Unidentified	<input type="checkbox"/>	0

## TOP OF GRID CONTROLS

SEARCH DATE RANGE  
 TO

---

GRID SEARCH CONTROLS  
 TO

HIDE ADDITIONAL GRID BATCH CONTROLS

- **1:** Search Date Range: Targets the Ticket Start Time for searching.
- **2:** Search Grid: Although the grid auto-refreshes in many instances of UI changes, this will allow you to reset the grid results. When first coming into this Ticket Management page, sometimes it is beneficial on the first search to click this button.
- **3:** 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:

### 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 |  |



- **4:** 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.
- **5:** Opens 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

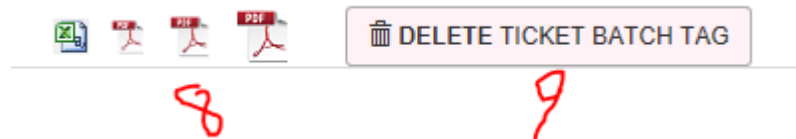
MANUAL CSV TICKET UPLOADS - DETAILS VIEW

Page 1 of 8

	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.
- **7:** Tickets Search: Search for multiple tickets, each ticket number separated by a comma (,).

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.

33 SITES SITE NAME SITE NUMBER

TL Demo Site 2 / 12002

ALL DISPOSAL CUSTOMERS ALL DISPOSAL DRIVERS

SITE FILTER

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

SEARCH DATE RANGE  
11/11/2017 TO 11/14/2017

SEARCH GRID CUSTOMIZE GRID Columns SAVE GRID Column Order VIEW CSV Upload Status TICKETS SEARCH

TL Demo Site 2 / 12002 / Disposal Data Grid

EDIT GRID (set all visible rows to edit mode) RESET GRID (exit edit mode - do not save rows) SAVE GRID ROWS IN EDIT MODE AND CHECKBOXED DELETE SELECTED GRID ROWS (CHECKBOXED)

refresh grid Page 1 of 2 10

	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	<input type="checkbox"/>	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	<input checked="" type="checkbox"/>	0	check out2
2	<input type="checkbox"/>	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	<input checked="" type="checkbox"/>	0	check out2
3	<input type="checkbox"/>	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	<input type="checkbox"/>	0	check out2

**Ticket Batch Tag Deletion**

**Warning!** This process will delete all disposal tickets from your file which have Ticket Batch Tag values matching the value you supply in the textbox below:

TICKET BATCH TAG:   Limit Batch Tag DELETE scope to the current SEARCH DATE RANGE

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.

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## 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.

### **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 "Missing Info" option in the dropdown is also 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
1	1.0 / Greg Bagley / November 13, 2017
2	3.1 / Greg Bagley / January 21, 2018

	<b>Documentation Version / Author / Revision Date</b>
<b>3</b>	3.2 / Greg Bagley / November 28, 2018
<b>4</b>	
<b>5</b>	
<b>6</b>	