



TANKLOGIX PORTAL

TICKET MANAGEMENT 3.3

CONTENTS

INTRODUCTION.....	3
PORTAL NAVIGATION.....	3
Disposals > Ticket Management 3.3.....	3
WHAT’S NEW IN VERSION 3.3?	3
HMI Transmit.....	3
HMI Portal	4
HMI Remote	6
PAGE FEATURES.....	9
3-PART MATCHING VS. 4-PART MATCHING	9
TITLE AREA PAGE TOP.....	10
SITES	10
CUSTOMERS / DRIVERS WINDOWS.....	11
LEASE-WELL SEARCH, MANUAL TICKET CREATION, BULK EDITS.....	11
LEASE-WELL SEARCH	12
MANUAL LEASE-WELL TICKET CREATION	13
SINGLE, BULK AND BATCH EDITS DIFFERENCES	14
LEASE-WELL BULK EDITS	15
TOP OF GRID CONTROLS	16
GRID HEADER FUNTIONALITY	19
GRID INFORMATION.....	19
INDIVIDUAL GRID COLUMNS.....	19
Checkbox Column.....	19
Ticket Number.....	20
Production Ticket ID	20
Ticket Batch Tag.....	20
Customer Name	20

Customer ID - Driver ID	20
Driver Name	20
Ticket Origin	20
Ticket-Driver Image	20
Ticket Start Time	20
Lease Number	20
Lease Number Full.....	20
Lease Type	21
RRC District.....	21
Well Number	21
RRC Lease Verified.....	21
Volume BBLs.....	21
Water Type	21
Produced Water	21
Disposal Lane	21
Notes	21
Created By / Edited By.....	21
Create / Edit Date.....	21
Actual Volume	22
Entered Lease Name	22
RRC Lease Name.....	22
RRC Operator Name	22
Accounting Code	22
Row ID	22
NOTIFICATIONS	22
ICONS AND SYMBOLS.....	22
OTHER INFORMATION.....	22

INTRODUCTION

Ticket Management 3.x allows you to manage Ticket transactions on a site-by-site basis, preparatory to P18 or other reporting requirements. The page features up-to-date looks at all data points with tickets, drivers, leases, wells, operators, full-text lookup/research, HMI on-demand transmissions of leases and wells, plus the status of leases, wells, and customer-driver values at your HMI.

PORTAL NAVIGATION

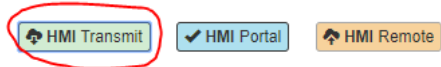
Disposals > Ticket Management 3.3

WHAT'S NEW IN VERSION 3.3?

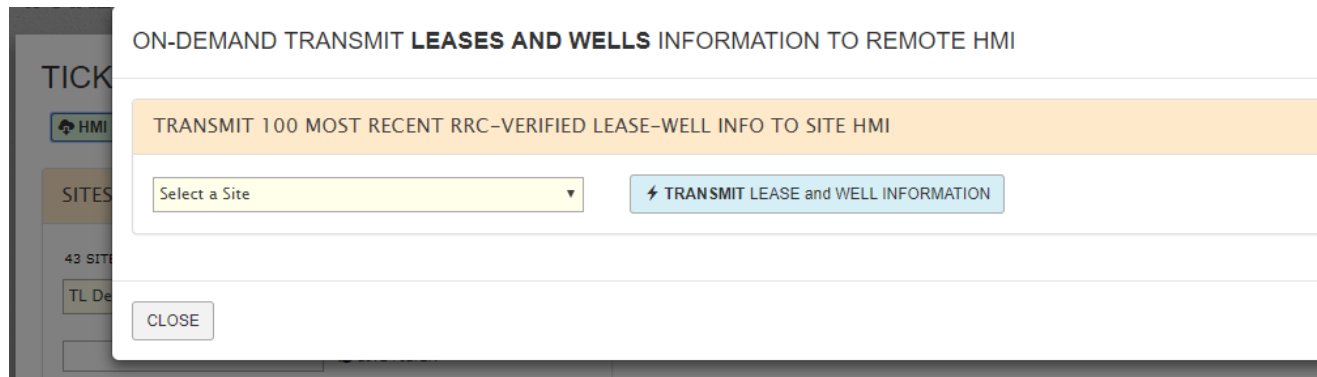
Ticket Management 3.3 represents bug fixes, UI improvements.

HMI Transmit

TICKET MANAGEMENT 3.3 ? 👁





HMI Transmit encapsulate both LEASE and WELL transmissions. The Lease and Well files are transmitted down to an individual HMI are formatted differently and have different functionality. On **HMI Transmit** button click the following modal opens up:




This allows the selection of a site, and upon click of the TRANSMIT button, initiates a transfer of **both the Leases and Wells files to the HMI**. The decision of which file is used to populate the HMI UI is made at that location; the Portal transmits them both every time. There is a few minutes buffer between the initial request and the actual transmission of these files.

HMI Portal

TICKET MANAGEMENT 3.3   [

 HMI Transmit

 HMI Portal

 HMI Remote

HMI Portal opens a modal window where you can see the content transmitted down from the Portal to a specific HMI.

Leases-Wells Transmission to HMI Report : The most recent data transmitted from Portal down to this HMI ?

2

3

4

5

CLOSE

TL Demo Site 1 / 12001



Transmission Status: LEASES AND WELLS ARE BOTH COMPLETE



6

TL Demo Site 1 / 12001 / HMI Transmission Status

Page 1 of 27

View 1 - 25 of 668

7

	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"/> 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	A. BANDUCH C	10760	1H	02	O	W	R	GBagley	2/23/2018 3:50:14 PM
2	A. BANDUCH C	10760	2H	02	O	W	R	GBagley	2/23/2018 3:50:14 PM
3	A. BANDUCH C	10760	3H	02	O	W	R	GBagley	2/23/2018 3:50:14 PM
4	A. BANDUCH C	10760	4H	02	O	W	R	GBagley	2/23/2018 3:50:14 PM
5	A. BANDUCH C	10760	na	02	O	L	R	GBagley	2/23/2018 3:48:13 PM
6	ABEL 18A	45783	3H	08	O	W	R	GBagley	2/23/2018 3:50:14 PM
7	ABEL 18A	45783	na	08	O	L	R	GBagley	2/23/2018 3:48:13 PM
8	ADCOCK 21-51-8	45976	1H	08	O	W	R	GBagley	2/23/2018 3:50:14 PM
9	ADCOCK 21-51-8	45976	na	08	O	L	R	GBagley	2/23/2018 3:48:13 PM
10	ALLEY A	65656	1	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM
11	ALLEY A	65656	10	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM
12	ALLEY A	65656	11	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM
13	ALLEY A	65656	12	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM
14	ALLEY A	65656	13	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM
15	ALLEY A	65656	14	8A	O	W	R	GBagley	2/23/2018 3:50:14 PM

Item 1: Help at blog.tanklogix.com.

Item 2: Closes the modal window. Also, the "X" at the modal top right corner and the close button on modal bottom will close this page.

Item 3: Select from list of sites

Item 4: Refresh the Site Grid with most recent Leases and Wells information

Item 5: Transmission (outgoing from the Portal) status text. This changes during the actual refresh of the data grid initiated by the system.

Item 6: Download current grid contents to .csv or .pdf file

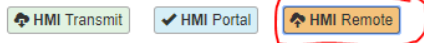
Item 7: The HMI Transmission Grid. The represents the latest content sent down to the HMI, based on the most recent 100 Leases and Wells. It is important to note that the wells file processing at the HMI currently accepts a maximum of 400 lease-well rows of information for display; therefore, if the 100 most recent leases matched up with the corresponding wells in a 1:M match exceeds 400 rows, **all lease-well combinations beyond 400 are truncated at the HMI**. This is based on a sort order of Lease Name primarily, and Well Number secondarily.

Both Leases and Wells are displayed in the grid. By filtering the Lease-Well type with a L or W, you can see the contents of each file. Leases-only file content will have “na” listed in the Well Number column.

This grid represents what should have been received at the HMI. The next section, HMI Remote, is a representation of what is actually on the HMI as of a certain point in time.

HMI Remote

TICKET MANAGEMENT 3.3  



HMI Remote opens a modal window where you can view all Lease, Well, and Driver files transmitted up from the HMI to the Portal. Every 4 hours, the Portal pings the HMI and determines the connectivity. Then, the Lease, Well, and Driver files are opened and transmitted back to the Portal. This allows you to see if there are connectivity problems currently, what the current content is in those files, and when it was last checked, all from the Ticket Management page.

Following is a screenshot of this new modal and a description of the features:

Leases-Wells-Customer Driver remote files status Report : Remote HMI file status and content ? 5

CLOSE

Transmission Status:

REMOTE HMI Transmission Status								
6	BOX ID	7	8	9	10	11	12	13
		SITE NAME	STATUS	STATUS MESSAGE	VIEW FILE CONTENTS	VIEW FILE CONTENTS	VIEW FILE CONTENTS	TRANSMIT DATE CENTRAL TIME
	<input type="text" value="x"/>	<input type="text" value="x"/>	<input type="text" value="x"/>	<input type="text" value="x"/>				
1	12001	TL Demo Site 1	NNN	NNN 1: The remote server returned an error: (530) Not logged in. 2: The remote server r	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:01:05 AM
2			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:01:03 AM
3			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:06:27 AM
4			YYN	YYN 1: 2: 3: The remote server returned an error: (550) File unavailable (e.g., file not foun	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:01:13 AM
5			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:02:19 AM
6			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:02:17 AM
7			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:03:33 AM
8			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:06:31 AM
9			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:02:24 AM
10			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:02:27 AM
11			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:02:30 AM
12			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:03:41 AM
13			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:03:38 AM
14			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:07:41 AM
15			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:04:21 AM
16			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:05:24 AM
17			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:10:07 AM
18			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:08:48 AM
19			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:06:35 AM
20			NNN	NNN 1: Unable to connect to the remote server 2: Unable to connect to the remote serv	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:07:39 AM
21			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:10:10 AM
22			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:07:44 AM
23			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:10:14 AM
24			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:08:52 AM
25			YYY	YYY 1: 2: 3:	<input type="button" value="Q LEASE"/>	<input type="button" value="Q WELL"/>	<input type="button" value="Q DRIVER"/>	3/3/2018 11:10:37 AM

Item 1: Closes the modal window. Also, the "X" at the modal top right corner and the close button on modal bottom will close this page.

Item 2: Select company name.

Item 3: Refresh the Remote HMI Grid with most recent Connectivity information

Item 4: Transmission (incoming to the Portal) status. While this represents the time when a lease, well, or driver file was uploaded for matching, it is important to note that this does not UPDATE customer or driver codes; it only allows reading of what is in those files.

Item 5: Help at blog.tanklogix.com.

Item 6: Box ID. Read-only listing of Box ID for this site.

Item 7: Site Name. Read-only listing of Site Name for this Box ID.

Item 8: Status. This three-part Yes or No indicator bank is the Lease-Well-Driver status of these three files for a specific site-HMI. Red indicates a problem : one or more of the files is missing at the HMI, the Portal could not establish connectivity with the remote HMI-Site, etc.

Item 9: Status Message. A concatenated message of the three indicators with additional info. File unavailable, unable to connect, etc.

Item 10: Lease modal buttons. Grayed out means there is no file available to view because of Status. If button is activated with has color, click will bring up a modal window showing the contents of the Lease.

Item 11: Well modal buttons. Grayed out means there is no file available to view because of Status. If button is activated with has color, click will bring up a modal window showing the contents of the Well.




Item 12: Driver modal buttons. Grayed out means there is no file available to view because of Status. If button is activated with has color, click will bring up a modal window showing the contents of the Driver.

Item 13: Date the file was uploaded to Portal for analysis. Central Time stamp.



PAGE FEATURES


TICKET MANAGEMENT 3.3


TankLogix Oil Company 

 HMI Transmit  HMI Portal  HMI Remote

SITES

43 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 END TICKET START DATE

01/01/2018 - 03/03/2018 



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

TICKETS SEARCH  

 GRID BATCH CONTROLS

 EDIT Grid  RESET Grid  SAVE Selected Row(s)  DELETE Selected Row(s)      DELETE TICKET BATCH TAG

Disposal Data Grid : TL DEMO SITE 1 / 12001

 refresh grid Page 1 of 1 

	Ticket Number	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	Produced Water	RRC Lease Name
	<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"/> 10	JAN23	3H TRUCKING	2985-8529		CSV	VIEW	1/23/2018 12:00:00 PM	49080	49080	Oil	08	1	YES	100	<input checked="" type="checkbox"/>	BAGLEY -B-
2	<input type="checkbox"/> 1	JAN21	3H TRUCKING	2985-8529		CSV	VIEW	1/21/2018 12:00:00 PM	49080	49080	Oil	08	1	YES	100	<input checked="" type="checkbox"/>	BAGLEY -B-
3	<input type="checkbox"/> 112235		3H TRUCKING	2985-1111	John Q Sample	Manual	VIEW	1/13/2018 12:00:00 PM	49080	49080	Oil	08	1	YES	100	<input checked="" type="checkbox"/>	BAGLEY -B-
4	<input type="checkbox"/> 112234		3H TRUCKING	2985-2222	Jill Q Sample	Manual	VIEW	1/13/2018 12:00:00 PM	49080	49080	Oil	08	1	YES	100	<input checked="" type="checkbox"/>	BAGLEY -B-

3-PART MATCHING VS. 4-PART MATCHING

Throughout the Portal as concerning Transaction Tickets and Disposal Transactions, we deal with the 4 following key fields for matching, grouping, etc.:

1. Lease Number
2. RRC District Number (oil/well districts within Texas)
3. Gas-Oil Designator (O)il or (G)as
4. Well Number

Any of these 4 fields can be part of the monthly official Texas RRC Data stores, or they can be Company-Supplied by the user.

In this explanation of how these fields relate to each other concerning different areas of functionality in the Portal, we will look at the concatenation of the fields:

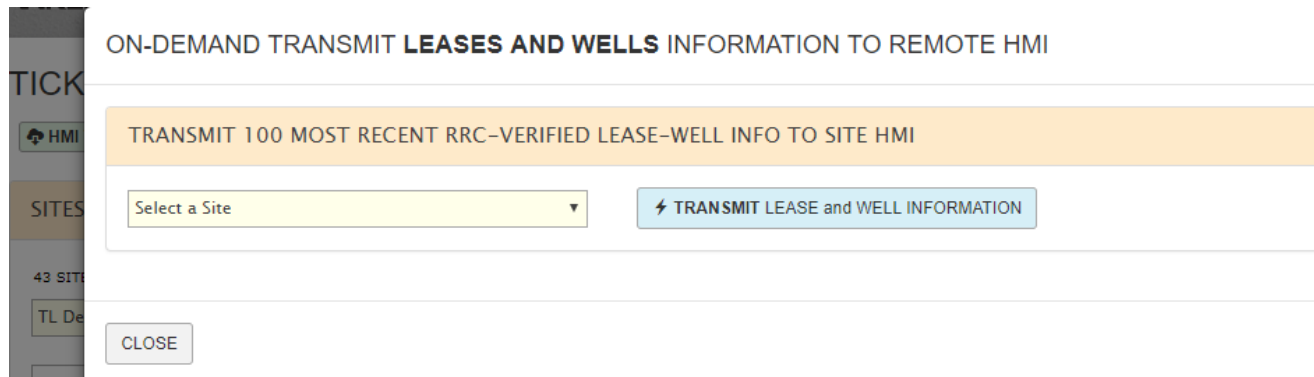
We refer to the comparison of Lease Number + RRC District + Oil Gas as **3-PART MATCHING**

We refer to the comparison of Lease Number + RRC District + Oil Gas + Well Number as **4-PART MATCHING**

- The Company-Supplied Lease and Well Management page allows **4-PART MATCHING** on creation and edits.
- The Lease-Wells lookup in the Ticket Management 3.x page is based on **4-PART MATCHING**
- The RRC Verified status in the Ticket Management Grid column header is based on **3-PART MATCHING**
- The P-18 Report matching and summation are based on **3-PART MATCHING**
- Future Allocation reports broken out by Well Number will rely on **4-PART MATCHING**

TITLE AREA PAGE TOP

- Question mark icon is link to <http://blog.tanklogix.com> and links and tutorials can be found there.
- Eye icon will toggle visibility of upper-page controls to maximize page real estate in certain situations
- Transmit Lease-Well info is the on-demand mechanism for scheduling a transfer of the latest Lease-Well information from the Portal to the HMI.



- Leases-And-Wells allow you to select a site and schedule the download of fresh lease information to that site.
 - For Leases, the most recent 100 Leases of “RRC Verified” information will be transmitted down to the site
 - For Leases And Wells, there is a 1:Many relationship between Leases and Wells. We will transmit the first 400 lines of “RRC Verified” Lease:Well information to the site. The information is sorted by Lease and Well within Lease.

SITES

- You will see the sites you have been authorized to see by your administrator. Sorting and searching via Site Name or Box ID available now.

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 ^ v CUST ID ^ v

<input checked="" type="checkbox"/>	3H TRUCKING / 2985
<input type="checkbox"/>	4 J TRUCKING / 5463
<input type="checkbox"/>	4 KING VACUUM / 2977
<input type="checkbox"/>	4C CONSTRUCTION / 3189
<input type="checkbox"/>	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 ^ v DRIVER ID ^ v

<input checked="" type="checkbox"/>	2985 / asdfasdf fffffff / 1234
<input checked="" type="checkbox"/>	2985 / Default Driver / 8529
<input checked="" type="checkbox"/>	2985 / Jack Q Sample / 3333
<input checked="" type="checkbox"/>	2985 / Jill Q Sample / 2222
<input checked="" type="checkbox"/>	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

- Toggle control to save page space when lease info not needed. 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

<input type="checkbox"/> LEASE-WELL SEARCH	
<input type="checkbox"/> MANUAL LEASE-WELL TICKET CREATION	<input type="checkbox"/> LEASE-WELL BULK EDITS

LEASE-WELL SEARCH

- **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:** Well Information added throughout. Well information can originate from the Texas RRC monthly data files, OR from your own customer-supplied Lease-Well entries.
- **4:** 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).
- **5:** Data source filter to filter RRC or Customer-Supplied originated Lease-Well info. Default is to use both.

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

LEASE-WELL SEARCH

[RESET](#) FULL TEXT SEARCH (key any combination and order of Lease Number, Well Number, Lease Name, Operator Name, District, and Gas/Oil)

1

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).

[RESET](#) INDIVIDUAL LEASE-WELL SEARCH FILTERS

2

Lease No. Lease Name Well Number Operator Name RRC District Oil or Gas Data Source **5**

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

3

- 249202 / ARCADIA-COLE GAS UNIT / **1H** / ENERVEST OPERATING L.L.C. / 09 / Gas / [source: Texas RRC]
- 240211 / ARCADIA-COLE GAS UNIT A / **1H** / ENERVEST OPERATING L.L.C. / 09 / Gas / [source: Texas RRC]
- 219399 / ARCADIO / **3** / DEWBRE PETROLEUM CORPORATION / 04 / Gas / [source: Texas RRC]
- 212679 / ARCADIO / **1** / DEWBRE PETROLEUM CORPORATION / 04 / Gas / [source: Texas RRC]
- 216346 / ARCADIO / **2** / DEWBRE PETROLEUM CORPORATION / 04 / Gas / [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]

4 Use the LEASE NUMBER, RRC OIL/GAS DISTRICT, WELL NUMBER, and LEASE TYPE selected above to replace values when editing the DISPOSAL DATA GRID below.

[CLOSE](#)

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:  SHOW ADDITIONAL GRID BATCH CONTROLS

- This toggle control will expose several batch controls:

GRID BATCH CONTROLS



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

- **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

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

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 cr
9999-9999	QuickScan - Last Name	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	130	Fit	<input checked="" type="checkbox"/>	0 cr
0089-8991	Unknown Unknown	CSV	VIEW	11/12/2017 1:00:00 PM	10695	10695	Oil	02	4	YES	80	Flow Back	<input checked="" type="checkbox"/>	0 cr
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 cr
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 cr
0123-4567	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	122	Fresh Water	<input checked="" type="checkbox"/>	0 cr
1234-5678	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Mud	<input checked="" type="checkbox"/>	0 cr
0006-0001	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Pipeline	<input checked="" type="checkbox"/>	0 cr
0005-1251	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10695	10695	Oil	02	4	YES	145	Pipeline	<input checked="" type="checkbox"/>	0 cr
0013-1456	Unknown Unknown	CSV	VIEW	11/12/2017 11:00:00 AM	10694	10694	Oil	02	4	YES	145	Unidentified	<input checked="" type="checkbox"/>	0 cr

TOP OF GRID CONTROLS

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

2 SEARCH GRID 3 CUSTOMIZE GRID Columns 4 SAVE GRID Column Order 5 VIEW CSV Upload Status 6 TICKETS SEARCH 7 8 DELETE TICKET BATCH TAG

GRID SEARCH CONTROLS
01/17/2018 TO 01/20/2018

2 SEARCH GRID 3 CUSTOMIZE GRID Columns 4 SAVE GRID Column Order 5 VIEW CSV Upload Status 6 HIDE ADDITIONAL GRID BATCH CONTROLS 7 TICKETS SEARCH

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

- **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

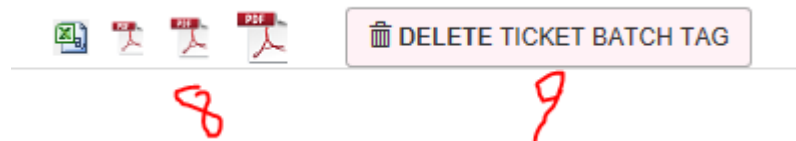
MANUAL CSV TICKET UPLOADS - DETAILS VIEW

Page 1 of 8 View 1 - 10 of 71

	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.

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

DELETE TICKET BATCH TAG CANCEL

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.

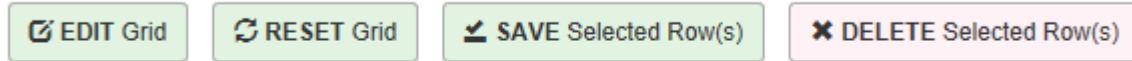
GRID HEADER FUNTIONALITY

 SHOW ADDITIONAL GRID BATCH CONTROLS

By clicking the  toggle control:

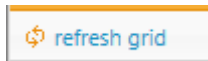
The following buttons appear:

GRID BATCH CONTROLS



- **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). 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.
- **2: RESET GRID**: Although the grid auto-refreshes in many instances of UI changes, this will allow you to reset the grid results.
- **3: SAVE Selected Row(s)**: This button will **save** the checked rows in your grid.
- **4: DELETE Selected Row(s)**: This button will **delete** the checked rows in your grid.

To refresh the grid, press this:



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 5-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



Deprecated for now, but could be used for a comment or tag.

Row ID

Internal Use Only.

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.

OTHER INFORMATION

	Documentation Version / Author / Revision Date
1	1.0 / Greg Bagley / November 13, 2017
2	3.1 / Greg Bagley / January 21, 2018
3	3.3 / Greg Bagley / March 3, 2018
4	
5	

Documentation Version / Author / Revision Date

6