

Michigan's State Tracking and Reporting System

MiSTAR Production Quick Start Guide and Walkthrough



Oil, Gas, and Minerals Division

In coordination with



Michigan Public Service Commission

April 2023



Quick Start Guide

Guide Structure

This guide provides a basic Quick Start Overview that lists the sequence of steps to follow when submitting data into the MiSTAR Production system followed by a step-by-step walkthrough for submitting a production report. For full details with illustrations, diagrams, and examples, please refer to the full MiSTAR Production User Guide.

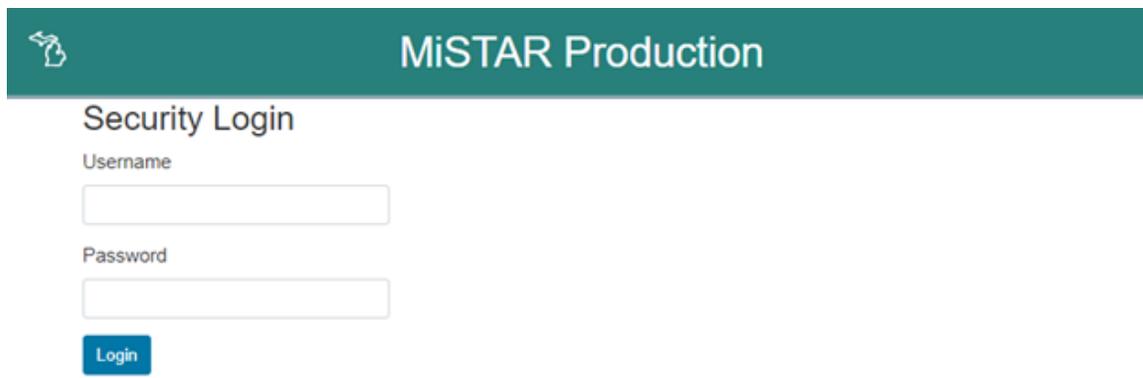
Synopsis

The five basic steps to submit data using a template (EDD):

1. Login to the MiSTAR website
2. Download/Save the production template to your PC
3. Prepare the template
4. Enter production data on the template
5. Upload/Submit the completed template
6. Validate and verify submittal of template

Process to Submit Production Data

1. Login at <https://www.egle.state.mi.us/MiSTAR/>



 MiSTAR Production

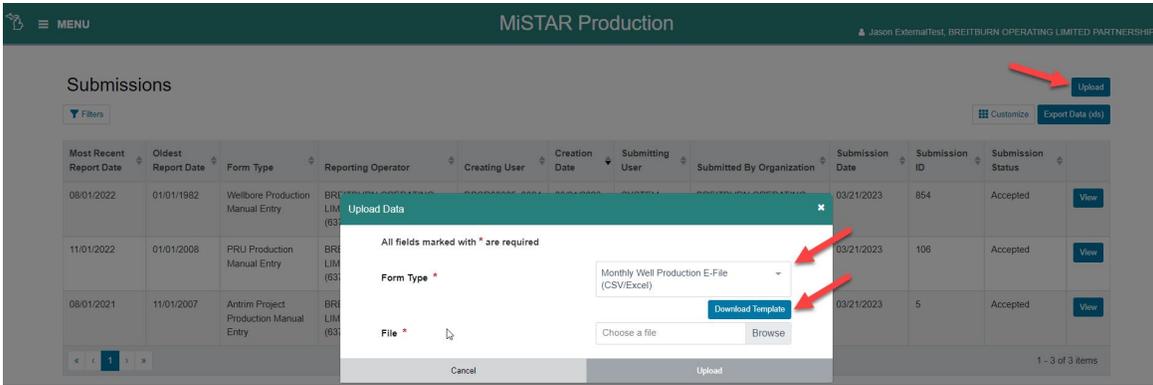
Security Login

Username

Password

Login

2. Download the Electronic Data Deliverable (EDD) Excel template.
 - a. On the Submissions page, click **Upload**, select Form Type, and click **Download Template** button, saving the template to your PC.



3. Prepare the template
 - a. Prepare each row on the EDD with Antrim Project, PRU, and/or Wellbore info.
 - b. Refer to the walkthrough below and to the full MiSTAR Production User Guide for details on how to complete this step for completing the EDD.

Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSC Number	Well Name & Number	PRU Number	PRU Name
Multiple Oil/Gas PRU	No	2/1/2023										19893	Arms unit, F & M
Multiple PRU Well Status	No	2/1/2023						21017376390000	37639		ARMS 10		
Multiple PRU Well Status	No	2/1/2023						21017104580100	10458		ARMS, MAURICE A. & FLORA B. 1		
Multiple PRU Well Status	No	2/1/2023						21017106770000	10677		ARMS, M. A. & F. 2		
Multiple PRU Well Status	No	2/1/2023						21017109040000	10904		ARMS, MAURICE A & FLORA B 4		
Multiple PRU Well Status	No	2/1/2023						21017114810000	11481		ARMS, MAURICE A & FLORA B 7		
Multiple PRU Well Status	No	2/1/2023						21017203050000	20305		ARMS, MAURICE A & FLORA B 9		
Single Oil/Gas PRU	No	2/1/2023										6578	ARMS-COUNTY OF BAY 1
Single Oil/Gas Well	No	2/1/2023						21017114540000	11454		ARMS, MAURICE A & FLORA B; COUNTY OF BAY 1		
Single Oil/Gas PRU	No	2/1/2023										3738	BADOUR, W 1
Single Oil/Gas Well	No	2/1/2023						21017153870000	15387		BADOUR, WM 1		

4. Enter production data on the template
 - a. For each row enter relevant production data.
 - b. Refer to the walkthrough below and to the full MiSTAR Production User Guide for details on how to complete this step.

c. Save template as either an .xlsx or .csv file.

Oil produced (bbls). Required for PRU lines.	Condensate produced (bbls). Required for PRU lines.	Natural gas liquids produced (bbls). Required for PRU lines.	Oil Sales (bbls). Required for PRU lines.	Condensate sales (bbls). Required for PRU lines.	NGL Sales (bbls). Required for PRU lines.	EOM Oil Storage (bbls). As applicable. See supplemental instructions.	EOM Condensate storage (bbls). As applicable. See supplemental instructions.	EOM NGL storage (bbls). As applicable. See supplemental instructions.	Delivered gas volume (@ 14.73 psia and 60 deg F). Must not be negative.	Must be valid value. Required on lines with Well information.	Water Produced (bbls). See supplemental instructions.	As applicable. See supplemental instructions.	As applicable. See supplemental instructions.	Additional comments.
Oil Prod (bbls)	Condensate Prod (bbls)	NGL Prod (bbls)	Oil Sales (bbls)	Condensate Sales (bbls)	NGL Sales (bbls)	EOM Oil Storage (bbls)	EOM Condensate Storage (bbls)	EOM NGL Storage (bbls)	Gas Sales Volume (mcf)	Wellbore Status	Water Prod (bbls)	Flared Gas Volume (mcf)	Gas Utilized for Lease Fuel (mcf)	Remarks
142	0	0	64	0	0	197	0	0	0		315			
										Y				
										Y				
										Y				
										Y				
										Y				
18	0	0	0	0	0	32	0	0	0		0			
										Y				
32	0	0	0	0	0	85	0	0	0		20			
										v				

5. Upload/Submit the completed EDD template.

- a. On the MiSTAR Submissions page click **Upload** button at the top right to open the model, select your form type, browse to select your file, and click **Upload** button.

Upload Data
✕

All fields marked with * are required

Form Type * Monthly Well Production E-File (CSV/Excel) ▼

[Download Template](#)

File * Arbor Operating_FEB 2023.xlsx [Browse](#)

Cancel
Upload

6. Upload Data Manually.

- a. For operators with only one or two wells, you may choose to enter the data in MiSTAR directly without the need for an EDD template. You must enter each row of data individually, resulting in entries for PRUs, Wellbores, and if applicable Antrim Projects as follows below.
- b. Navigate to Menu, select “Wellbores” under the Production Entities category, search for and click **View** button for the Wellbore you’re reporting on.

≡ MENU
MiSTAR Production
▲ Jason Mysing

Wellbores

21039325340000 Customize Export Data (x5)

API Number	Well Name & Number	MPSC Number	OGMD Permit Number	Well Type	Wellbore Status	Current Operator
21-039-32534-0000	STATE BEAVER CREEK N 1		32534	Oil Well	Producing	BREITBURN OPERATING LIMITED PARTNERSHIP (6371) View

1 - 1 of 1 items

- c. Click **Add Production** button at the bottom of the Wellbores detail page to add individual records. See the full user guide for details on which Production Category to choose.

Production Records

Wellbore Production

Filters

Customize Export Data (xls)

Report Period Start Date	Gas Produced (mcf)	Water Produced (bbls)	Reported Status	Reporting Operator	Amended	Remarks
08/01/2022	3	122	Producing	BREITBURN OPERATING LIMITED PARTNERSHIP (6371)	No	

- d. Navigate to Menu, select “PRUs” under the Production Entities category, search for and click **View** button for the PRU you’re reporting on.

MiSTAR Production

Jason ExternalTest, BREITBURN OPERATING LIMITED PAR

PRUs

Search by PRU Number, PRU Name

Filters

Customize Export Data (xls)

PRU Number: Equals

PRU Name: Contains

PRU Status: Select option

Current Operator: BREITBURN OPERATING LIMITED PARTNE...

Field Name: Select option

Field Type: Select option

Producing Formation: Select option

Last Reported Date: On MM/DD/YYYY

Enhanced Recovery: Select option

Updated Date: On MM/DD/YYYY

PRU Number	PRU Name	PRU Status	Current Operator	Field Name	Field Type	Producing Formation	Last Reported Date
4934	STATE BEAVER CREEK N 1	Active	BREITBURN OPERATING LIMITED PARTNERSHIP (6371)	Beaver Creek-RICHFIELD-O	Oil	RICHFIELD	08/01/2022

- e. Click **Add Production** button at the bottom of the PRU detail page to add individual records. See the main user guide for details on which Production Category to choose.

Production Records

PRU Production

Filters

Customize Export Data (xls)

Report Period Start Date	Oil Prod (bbls)	Oil Sales (bbls)	Condensate Prod (bbls)	Condensate Sales (bbls)	NGL Prod (bbls)	NGL Sales (bbls)	Gas Sales Volume (mcf)	Water Prod (bbls)	Wells Online
08/01/2022	44	46	0	0	0	0	3	122	

- f. If applicable, navigate to Menu, select “Antrim Projects” under the Production Entities category, search for and click **View** button for the PRU you’re reporting on. Use “Antrim Project” as your production category.



- g. Click **Add Production** button at the bottom of the Antrim Projects detail page to add individual records.

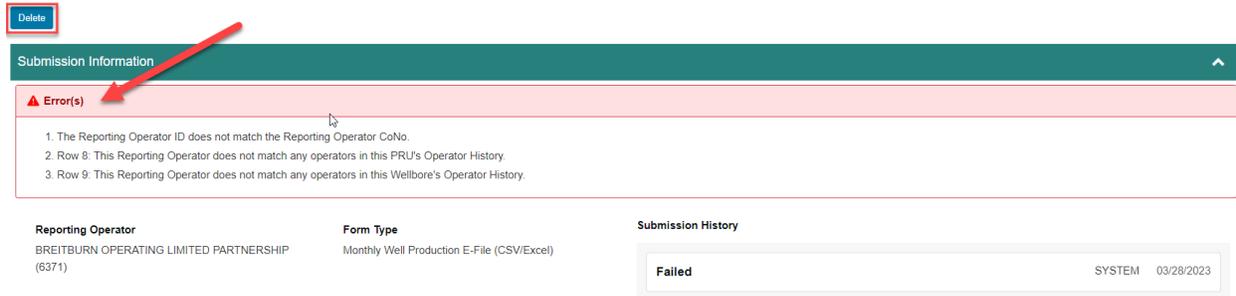


7. Validate and verify submittal of the template or manual entry.

- a. An uploaded file will return a status of “Failed” when a Submission Level error occurs. This prevents upload of the EDD file and results in a list of errors appearing at the top of the Submission Detail page for that upload attempt.

[Submissions List Page](#) / 1054 | Monthly Well Production E-File (CSV/Excel)

1054 | Monthly Well Production E-File (CSV/Excel)



- b. Record the errors, delete the failed file upload from the submissions list, correct the errors within the template file, and retry the upload.
- c. A submission status of as “Draft” on the Submissions list page indicated there are no Submission Level errors.
- d. Click **View** button on submission record. If applicable, see message regarding number of Row Level errors or warnings at top of screen. Search records for rows with a red Error icon. Hint- use filters to find records in large sets.

- e. Click on the error icon for any individual production record to view the details of any Row Level errors.

Production Records													
Antrim Project Production PRU Production Wellbore Production													
PRU Number	PRU Name	Report Period Start Date	Oil Prod (bbls)	Oil Sales (bbls)	Condensate Prod (bbls)	Condensate Sales (bbls)	NGL Prod (bbls)	NGL Sales (bbls)	Gas Sales Volume (mcf)	Water Prod (bbls)	Wells Online	Error(s)	Warning(s)
20984	State Bismarck 2-14	02/01/2023	784	582	0	0	0	0	0	8858	0		

- f. Either correct the Row Level errors within MiSTAR using the **Edit** button (pencil) at the far-right side of the row or correct them in your EDD file (recommended). If you opt to resubmit a corrected EDD- delete the file containing errors, and re-upload the EDD.
- g. After all errors are resolved, click the **Validate** button on the Submission Detail page to do one final check for errors.

[Submissions List Page](#) / 1066 | Monthly Well Production E-File (CSV/Excel)

1066 | Monthly Well Production E-File (CSV/Excel)

[Delete](#)
[Validate](#)
[Submit for Review](#) → * Please validate the data before submitting.

Submission Information

Error(s)

1 rows contain validation errors.

<p>Reporting Operator REEFWORKS LLC (8299)</p>	<p>Form Type Monthly Well Production E-File (CSV/Excel)</p>	<p>Submission History</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Draft</td> <td style="padding: 2px;">SYSTEM</td> <td style="padding: 2px;">03/29/2023</td> </tr> <tr> <td style="padding: 2px;">Processing</td> <td style="padding: 2px;">InternalReviewer</td> <td style="padding: 2px;">03/29/2023</td> </tr> </table>	Draft	SYSTEM	03/29/2023	Processing	InternalReviewer	03/29/2023
Draft	SYSTEM	03/29/2023						
Processing	InternalReviewer	03/29/2023						
<p>Amended? No</p>	<p>Data Source File Upload</p>							
<p>Submission ID 1066</p>	<p>Submission Comments</p>							

- h. If Validation is Successful, the **Submit for Review** button will turn from gray to blue. Click **Submit for Review** button to complete the submission. **NOTE** - The submission will not be official until you click this button.

1066 | Monthly Well Production E-File (CSV/Excel)

Delete Validate **Submit for Review →**

Submission Information

Warning(s)

1 rows contain warnings.

Reporting Operator

REEFWORKS LLC (8299)

Form Type

Monthly Well Production E-File (CSV/Excel)

Submission History

Draft

SYSTEM 03/29/2023

Processing

InternalReviewer 03/29/2023

Amended?

No

Data Source

File Upload

Submission ID

1066

Submission Comments

OGMD will then review the file. If it is accepted, the data will be considered final and will appear in the main Production Record pages. If it is rejected OGMD will let you know why and request a revision immediately upon rejection.

Walkthrough

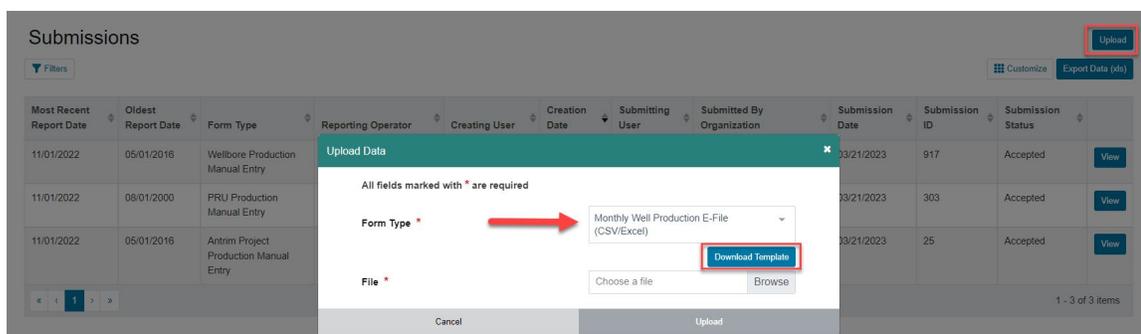
CREATE PRODUCTION REPORT

LOG INTO WEBSITE

After logging in you will be guided to the Submissions list page under your indicated operator.

DOWNLOAD EDD (ELECTRONIC DATA DELIVERABLE) TEMPLATE

On the MiSTAR Submissions Page click the blue **Upload** button at the top right and a popup box should appear as shown below.



1. Select “Monthly Well Production E-File” from the top dropdown box.
2. Click **Download Template** button and the template will either automatically download or you can select where to download it to.
3. It is recommended to open the file in Microsoft Excel. There may be 3rd party programs compatible with Excel’s .xlsx file format, but these remain untested.
4. The EDD has a blue section at the top left is for Operator Information. The green section is for the production data. The Submissions List page is also where you upload the completed EDD.

	A	B	C	D	E	F	G	H	I	J
1	Production Report									
2	Reporting Operator ID									
3	Reporting Operator Name									
4										
5	Data Grid									
6	Production Category. <i>Required for all lines.</i>	Amended Record? <i>Yes or No. Required for all lines.</i>	Report Period Start Date <i>MM/DD/YYYY. Required for all lines.</i>	Antrim Project ID. <i>Required for Antrim Project lines.</i>	Antrim Project Name. <i>Required for Antrim Project lines.</i>	CO2 (%) <i>Percent carbon dioxide. Required for Antrim Project lines.</i>	LACT Meter <i>Oil gatherer account or transporter account or meter ID. As applicable. See supplemental instructions.</i>	Meter Station <i>Gas gatherer account or transporter account or meter ID. As applicable. See supplemental instructions.</i>	API Number (14 digit) <i>14 digit API number. Required on lines with well information.</i>	OGMD Permit Number <i>OGMD Permit Number</i>
7	Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number
8										
9										
10										
11										
12										
13										

DATA SOURCES FOR WELL INFORMATION – FIND YOUR WELLS

SKIP THIS SECTION IF YOU ALREADY HAVE YOUR OGMD PROVIDED LIST WITH APPROPRAITE OGMD, MPSC, PRU, WELL, AND ANTRIM PROJECT INFORMATION.

1. If this reporting is for a **New Well(s)** and you need the appropriately assigned PRU or API number contact OGMDs Jason Mysinger- MysingerJ@michigan.gov (517) 290-6131 or Larry Organek- OrganekL@michigan.gov (517) 243-5402.
2. If this is a **Current Well(s)** and you are unsure about the appropriate PRU or API Number contact Jason Mysinger - MysingerJ@michigan.gov (517) 290-6131 and/or refer to the OGMD supplied list of wells and well information provided by the OGMD when you received your log-in credentials.
3. To obtain the appropriate information needed for reporting within MiSTAR follow these steps:
 - a. Go to MiSTAR in your browser and login as above.
 - b. Click **Menu** button in the top left (dropdown box appears).
 - c. To obtain the appropriate PRU - Navigate to the PRUs under the Production Entities category.



- d. The PRUs List Page will appear. Enter a PRU number or name in the search bar and click the blue **View** button for your PRU.



PRUs

Search by PRU Number, PRU Name Filters Customize Export Data (xls)

PRU Number	PRU Name	PRU Status	Current Operator	Field Name	Field Type	Producing Formation	Last Reported Date	
16904	28 UNIT TRACT 1	Inactive	MUSKEGON DEVELOPMENT COMPANY (40)	West Branch-DUNDEE-O	Oil	DUNDEE		View
16905	28 UNIT TRACT 2	Inactive	MUSKEGON DEVELOPMENT COMPANY (40)	West Branch-DUNDEE-O	Oil	DUNDEE		View
16906	28 UNIT TRACT 3	Inactive	MUSKEGON DEVELOPMENT COMPANY (40)	West Branch-DUNDEE-O	Oil	DUNDEE		View

- e. The PRU Detail information page will appear. Click “Associations” at the top to display all (past and present) Wellbores (wells) associated with the PRU- showing the appropriate Wellbore names numbers (Associated Entity ID), and if applicable, Antrim Project names/numbers. Note that associations with an “End

Date” are inactive and should not be used. They are for historical record of association.

Entity Information

Overview **Associations** Operator History Allowables

Customize Export Data (xls)

Associated Entity Type	Associated Entity Name	Associated Entity ID	Current Operator	Start Date	End Date	Comment
Wellbore	HISKE 15-27A	21007527220000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997		Active
Wellbore	NADEAU 7-34	21007518470000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997	09/16/2019	Non-active
Wellbore	BEYER 2-27	21007512990000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	09/01/1997		
Wellbore	HOEBERLING 10-22	21007512690000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997	09/17/2019	
Wellbore	LISKE 6-27	21007512680000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997		
Wellbore	VALENTINE 11-27	21007512670000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997		
Wellbore	C & H 6-34	21007512660000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997	09/16/2019	
Wellbore	THIEM 11-34	21007512640000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997	09/16/2019	
Wellbore	DOUGLAS 9-34	21007512630000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997	09/16/2019	

- f. **Export** the data to retrieve multiple APIs for a given PRU if needed.
- g. To obtain the appropriate information for Wellbores - Navigate to the Wellbores under the Production Entities category.
 - i. Enter a well name or API number.
 - ii. Click the blue **View** button for your wellbore.
 - iii. The “Overview” section displays the API Number, Well name & Number, MPSC Number, and OGMD Permit Number needed to fill out the EDD template.

21007530280000 | STATE OSSINEKE A4-36

Entity Information

Overview **Associations** Operator History Allowables

API Number 21-007-53028-0000

Well Name & Number STATE OSSINEKE A4-36

MPSC Number 9206

OGMD Permit Number 53028

- iv. Click “Associations” to see a list of all PRUs and/or Antrim projects associated with the wellbore. If there are multiple PRUs and/or Antrim projects associated, look for the association with a blank “End Date”.

Entity Information

Overview **Associations** Operator History Allowables

Customize Export Data (xls)

Associated Entity Type	Associated Entity Name	Associated Entity ID	Current Operator	Start Date	End Date	Comment
Antrim Project	ACE OF HEARTS	897	RIVERSIDE ENERGY MICHIGAN LLC (6361)	04/01/1998		Source=WhichDB
PRU	ACE OF HEARTS ANTRIM	19531	RIVERSIDE ENERGY MICHIGAN LLC (6361)	08/01/1997		

1 - 2 of 2 items

4. Antrim Gas Wells – Special Cases

- a. The MPSC groups Antrim wells within a given gas producing area (Field) in order to easily record hydrocarbon production as a single number for that area. These Antrim Fields are referred to as “Antrim Projects” within MiSTAR.
- b. To obtain the appropriate information for an Antrim Project - Navigate to Antrim Project under the Production Entities category.
- c. Enter a project name or number.
- d. Click the blue **View** button for your Antrim Project.
- e. Click “Associations” to see a list of all PRUs and wellbores associated with the project. If there are multiple PRUs or wellbores associated, look for the association with a blank “End Date”.

Associated Entity Type	Associated Entity Name	Associated Entity ID	Current Operator	Start Date	End Date	Comment
PRU	35-12 Antrim	20093	LAMBDA ENERGY RESOURCES LLC (7772)	06/01/1999	02/01/2023	Source=WhichDB, added start date to connection. Added end date to association.
PRU	400 Hunt Club Antrim	19928	MUSKEGON DEVELOPMENT COMPANY (40)	02/01/2023		test add new
Wellbore	STATE OSSINEKE & ALLEN 6-5	21007510750000	RIVERSIDE ENERGY MICHIGAN LLC (6361)	02/01/2023		test add
Wellbore	STATE OSSINEKE A4-36	21007530280000	LAMBDA ENERGY RESOURCES LLC (7772)	08/01/1999	02/01/2023	Source=WhichDB, added end date to association.

f. Antrim Project Information (if you don't know your Antrim Project name/number):

1. Navigate to either “PRUs” or “Wellbores” under the Production Entities category.
2. Search for your relevant PRU or Wellbore.
3. Click the blue **View** button for the relevant item.
4. Click “Associations” on the item Detail page.
5. Under the leftmost column labeled “Associated Entity Type” find “Antrim Project”.
 - a. The MPSC Project Name is displayed in the column “Associated Entity Name”.
 - b. The MPSC Project Number is displayed in the column “Associated Entity ID”.
 - c. If there are multiple Antrim Projects associated, look for the association with a blank “End Date”.

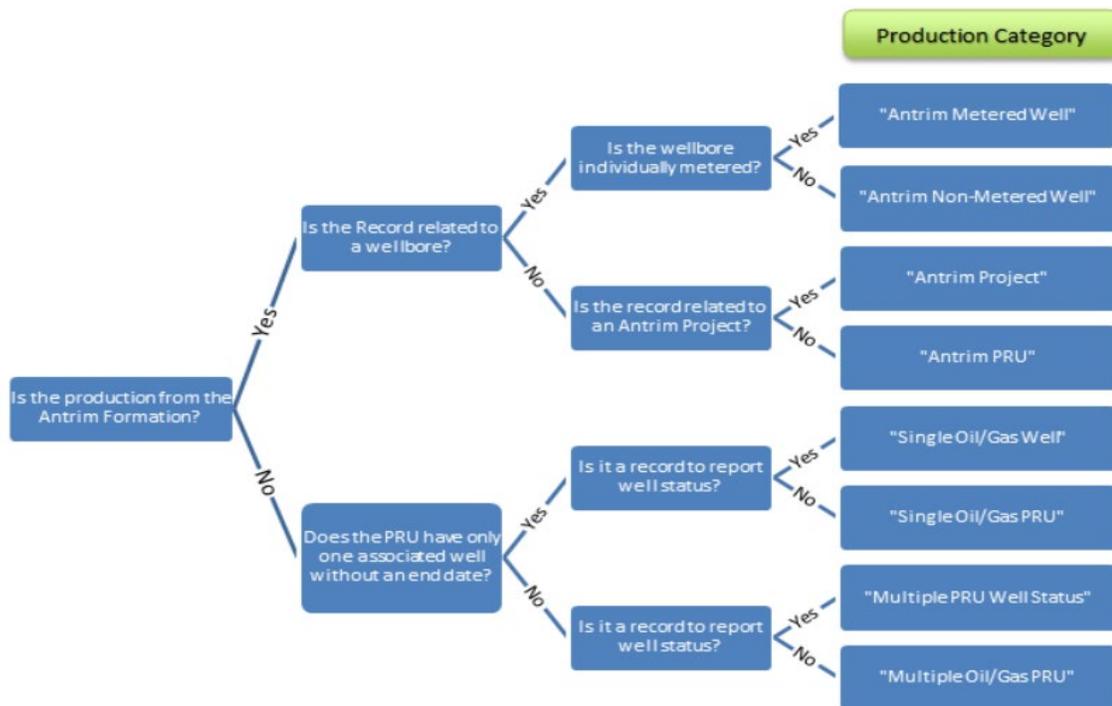
- Production Category entries must exactly match predetermined entry options (see Production Category below).
- Amended Record must be “Yes” or “No” (case specific).
- Report Period Start Date is formatted as MM/DD/YYYY or M/DD/YYYY.
- Number entries must be integers and positive. The exception is for the “Oil Prod” column, in which case they can be negative (water drawn from tanks with no production, etc).
- MiSTAR checks relationships between numbers like API, PRU Number, and Antrim Project ID so values must be exact matches containing no special characters.
- Wellbore status must be upper case “Y”, “N”, “TA” or “SI”.
- “Well Name and Number” and “PRU Name” are not validated but should be correct for tracing errors.
- For detailed instructions, see “Monthly Production Data Submittal Form” under “MiSTAR Production Report Submittal” in the main MiSTAR Production User Guide.

2. Production Category - Explained

- Two Data Groups
 - Antrim Gas Wells
 - Non-Antrim Oil/Gas Wells
- Acceptable Production Category Entries for Antrim Gas Wells (4 types):
 - Antrim Metered Well
 - Antrim Non-Metered Well
 - Antrim Project
 - Antrim PRU
- Acceptable Production Category for Non-Antrim Oil/Gas Wells (4 types):
 - Single Oil/Gas PRU
 - Single Oil/Gas Well
 - Multiple Oil/Gas PRU
 - Multiple PRU Well Status

Note – Production Category entries must be entered in the EDD **exactly** as listed above. Spelling and case are important. You must enter more than one Production Category on the EDD.

Use chart below to assist in determining the correct category:



Antrim Production on the EDD (results in a minimum of 3 rows of information)

- **Antrim Project** details row. Antrim Project ID must match MiSTAR. Antrim Project Name should match MiSTAR. Production data is included on this row.
- **Antrim PRU** details row. PRU Number must match MiSTAR. Note - there may be multiple PRUs. PRU Name should match MiSTAR. Production data is included on this row. Hint - Enter this row before Wellbore API's so you can use the PRU number to view all associated API's in MiSTAR.
- **Metered or Non-Metered** well details row for each actively associated Well. MPSC Number, OGMD Permit Numbers, API Numbers must match MiSTAR. Well Name & Number should match MiSTAR. MPSC Number must match MiSTAR. Well status is included on these rows. Metered well rows also includes gas and water production.

Non-Antrim Multiple Oil/Gas Production on the EDD (3 rows minimum)

- **Multiple Oil/Gas PRU** details row. PRU Number must match MiSTAR. PRU Name should match MiSTAR. Include information under LACT Meter oil gatherer account/meter or under Meter Station for gas gatherer account/meter. Production data is included on this row. Hint - Enter this row before Wellbore API's so you can use the PRU number to view all associated API's in MiSTAR.
- **Multiple PRU Well Status** details row for each actively associated Well. (multiple PRUS will include 2 or more rows). OGMD Permit Numbers and API Numbers must match

MiSTAR. If gas sales, MPSC Number must match MiSTAR. Well Name & Number should match MiSTAR. Well status is included on these rows.

Non-Antrim Single Well Production on the EDD (2 rows total)

- **Single Oil/Gas PRU** details row. PRU Number must match MiSTAR. PRU Name should match MiSTAR. Include information under LACT Meter oil gatherer account/meter or under Meter Station for gas gatherer account/meter. Production data included on this row.
- **Single Oil/Gas Well** details row. OGMD Permit Numbers and API Numbers must match MiSTAR. If gas sales, MPSC Number must match MiSTAR. Well Name & Number should match MiSTAR. Well status is included on this row.

Antrim Production Examples

Example - Antrim Project (field) with 3 non-metered Antrim wells.

One Antrim Project Record row (Antrim Field assigned by the MPSC), One Antrim PRU Record row for each PRU in the field (in this case there is only 1 PRU), and Three Antrim Non-Metered Well Record rows.

Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSC Number	Well Name & Number	PRU Number	PRU Name
Antrim Project	No	12/1/2022	2460	NORTH VIENN	20								
Antrim PRU	No	12/1/2022										20383	NORTH VIENNA 26 ANTRIM
Antrim Non-Metered Well	No	12/1/2022						21119556610000	55661	10747	STATE VIENNA A4-26		
Antrim Non-Metered Well	No	12/1/2022						21119561770000	56177	11257	STATE VIENNA & MERO A3-35		
Antrim Non-Metered Well	No	12/1/2022						21119564030000	56403	11805	STATE VIENNA A1-26		

Example - Antrim Project (field) with 3 metered wells.

One Antrim Project record row, One Antrim PRU Record row for each PRU in the field, and Three Antrim Metered Well Record rows.

Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSC Number	Well Name & Number	PRU Number	PRU Name
Antrim Project	No	1/1/2023	9999	Test Project 1	21								
Antrim PRU	No	1/1/2023										99999	Test PRU 1
Antrim Metered Well	No	1/1/2023						111111 99999999900000	55555	1111	Test Well 1		
Antrim Metered Well	No	1/1/2023						222222 88888888800000	66666	2222	Test Well 2		
Antrim Metered Well	No	1/1/2023						333333 77777777700000	44444	3333	Test Well 3		

Non-Antrim Production Examples (3 production entries shown)

Example – Multiple Oil/Gas PRU with 6 wells.

One row for Multiple Oil/Gas PRU and One row of info for EACH well (Multiple PRU Well Status).

Data Grid													
Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSIC Number	Well Name & Number	PRU Number	PRU Name
Multiple Oil/Gas PRU	No	2/1/2023											19893 Arms unit, F & M
Multiple PRU Well Status	No	2/1/2023						21017376390000	37639		ARMS 10		
Multiple PRU Well Status	No	2/1/2023						21017104580100	10458		ARMS, MAURICE A. & FLORA B. 1		
Multiple PRU Well Status	No	2/1/2023						21017106770000	10677		ARMS, M. A. & F. 2		
Multiple PRU Well Status	No	2/1/2023						21017109040000	10904		ARMS, MAURICE A & FLORA B 4		
Multiple PRU Well Status	No	2/1/2023						21017114810000	11481		ARMS, MAURICE A & FLORA B 7		
Multiple PRU Well Status	No	2/1/2023						21017203050000	20305		ARMS, MAURICE A & FLORA B 9		
Single Oil/Gas PRU	No	2/1/2023											6578 ARMS-COUNTY OF BAY 1
Single Oil/Gas Well	No	2/1/2023						21017114540000	11454		ARMS, MAURICE A & FLORA B; COUNTY OF BAY 1		
Single Oil/Gas PRU	No	2/1/2023											3738 BADOUR, W 1
Single Oil/Gas Well	No	2/1/2023						21017153870000	15387		BADOUR, WM 1		

Data Grid													
Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSIC Number	Well Name & Number	PRU Number	PRU Name
Multiple Oil/Gas PRU	No	2/1/2023											19893 Arms unit, F & M
Multiple PRU Well Status	No	2/1/2023						21017376390000	37639		ARMS 10		
Multiple PRU Well Status	No	2/1/2023						21017104580100	10458		ARMS, MAURICE A. & FLORA B. 1		
Multiple PRU Well Status	No	2/1/2023						21017106770000	10677		ARMS, M. A. & F. 2		
Multiple PRU Well Status	No	2/1/2023						21017109040000	10904		ARMS, MAURICE A & FLORA B 4		
Multiple PRU Well Status	No	2/1/2023						21017114810000	11481		ARMS, MAURICE A & FLORA B 7		
Multiple PRU Well Status	No	2/1/2023						21017203050000	20305		ARMS, MAURICE A & FLORA B 9		
Single Oil/Gas PRU	No	2/1/2023											6578 ARMS-COUNTY OF BAY 1
Single Oil/Gas Well	No	2/1/2023						21017114540000	11454		ARMS, MAURICE A & FLORA B; COUNTY OF BAY 1		
Single Oil/Gas PRU	No	2/1/2023											3738 BADOUR, W 1
Single Oil/Gas Well	No	2/1/2023						21017153870000	15387		BADOUR, WM 1		

Example - Single-well PRU

One row for Single Oil/Gas PRU and One row of well info (Single Oil/Gas Well).

Data Grid													
Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSIC Number	Well Name & Number	PRU Number	PRU Name
Multiple Oil/Gas PRU	No	2/1/2023											19893 Arms unit, F & M
Multiple PRU Well Status	No	2/1/2023						21017376390000	37639		ARMS 10		
Multiple PRU Well Status	No	2/1/2023						21017104580100	10458		ARMS, MAURICE A. & FLORA B. 1		
Multiple PRU Well Status	No	2/1/2023						21017106770000	10677		ARMS, M. A. & F. 2		
Multiple PRU Well Status	No	2/1/2023						21017109040000	10904		ARMS, MAURICE A & FLORA B 4		
Multiple PRU Well Status	No	2/1/2023						21017114810000	11481		ARMS, MAURICE A & FLORA B 7		
Multiple PRU Well Status	No	2/1/2023						21017203050000	20305		ARMS, MAURICE A & FLORA B 9		
Single Oil/Gas PRU	No	2/1/2023											6578 ARMS-COUNTY OF BAY 1
Single Oil/Gas Well	No	2/1/2023						21017114540000	11454		ARMS, MAURICE A & FLORA B; COUNTY OF BAY 1		
Single Oil/Gas PRU	No	2/1/2023											3738 BADOUR, W 1
Single Oil/Gas Well	No	2/1/2023						21017153870000	15387		BADOUR, WM 1		

Data Grid													
Production Category	Amended Record?	Report Period Start Date	Antrim Project ID	Antrim Project Name	CO2 (%)	LACT Meter	Meter Station	API Number (14 digit)	OGMD Permit Number	MPSIC Number	Well Name & Number	PRU Number	PRU Name
Multiple Oil/Gas PRU	No	2/1/2023											19893 Arms unit, F & M
Multiple PRU Well Status	No	2/1/2023						21017376390000	37639		ARMS 10		
Multiple PRU Well Status	No	2/1/2023						21017104580100	10458		ARMS, MAURICE A. & FLORA B. 1		
Multiple PRU Well Status	No	2/1/2023						21017106770000	10677		ARMS, M. A. & F. 2		
Multiple PRU Well Status	No	2/1/2023						21017109040000	10904		ARMS, MAURICE A & FLORA B 4		
Multiple PRU Well Status	No	2/1/2023						21017114810000	11481		ARMS, MAURICE A & FLORA B 7		
Multiple PRU Well Status	No	2/1/2023						21017203050000	20305		ARMS, MAURICE A & FLORA B 9		
Single Oil/Gas PRU	No	2/1/2023											6578 ARMS-COUNTY OF BAY 1
Single Oil/Gas Well	No	2/1/2023						21017114540000	11454		ARMS, MAURICE A & FLORA B; COUNTY OF BAY 1		
Single Oil/Gas PRU	No	2/1/2023											3738 BADOUR, W 1
Single Oil/Gas Well	No	2/1/2023						21017153870000	15387		BADOUR, WM 1		

PRODUCTION DATA (GATHERING/ENTERING)

Example Production Data on EDD:

- Non-Antrim Multiple/Single PRU/Wellbore

Oil produced (bbls) Required for PRU lines.	Condensate produced (bbls) Required for PRU lines.	Natural gas liquids produced (bbls) Required for PRU lines.	Oil Sales (bbls) Required for PRU lines.	Condensate sales (bbls) Required for PRU lines.	NGL Sales (bbls) Required for PRU lines.	EOM Oil Storage (bbls) As applicable. See supplemental instructions.	EOM Condensate storage (bbls) As applicable. See supplemental instructions.	EOM NGL storage (bbls) As applicable. See supplemental instructions.	Delivered gas volume (@ 14.73 psia and 60 deg F). Must not be negative.	Must be valid value. Required on lines with Well information.	Water Produced (bbls) See supplemental instructions.	As applicable. See supplemental instructions.	As applicable. See supplemental instructions.	Additional comments.
Oil Prod (bbls)	Condensate Prod (bbls)	NGL Prod (bbls)	Oil Sales (bbls)	Condensate Sales (bbls)	NGL Sales (bbls)	EOM Oil Storage (bbls)	EOM Condensate Storage (bbls)	EOM NGL Storage (bbls)	Gas Sales Volume (mcf)	Wellbore Status	Water Prod (bbls)	Flared Gas Volume (mcf)	Gas Utilized for Lease Fuel (mcf)	Remarks
142	0	0	64	0	0	197	0	0	0		315			MULTIPLE OIL/GAS PRU
										Y				
										Y				MULTIPLE PRU WELL STATUS
										Y				
18	0	0	0	0	0	32	0	0	0		0			SINGLE OIL/GAS PRU SINGLE OIL/GAS WELL
32	0	0	0	0	0	85	0	0	0	Y				

- Antrim Project/ Metered/Non-Metered Wellbore

- Note that Metered Wellbore rows must contain production data

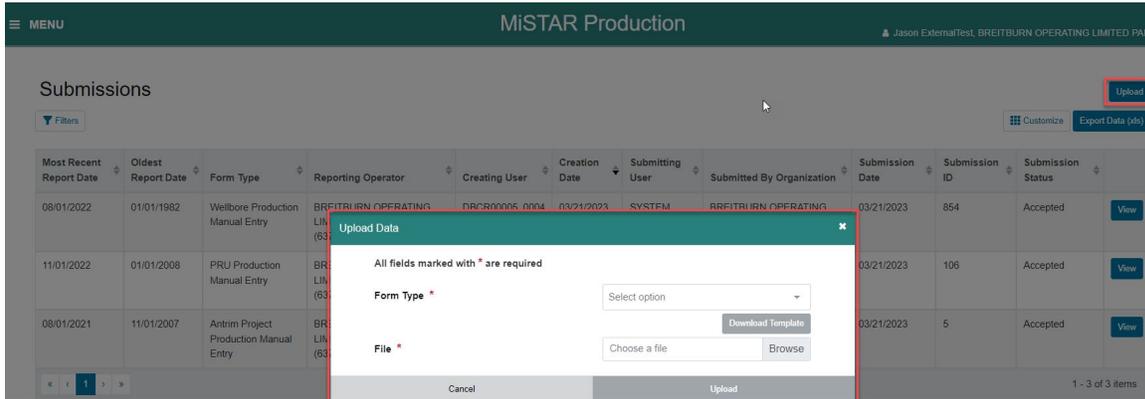
Oil produced (bbls) Required for PRU lines.	Condensate produced (bbls) Required for PRU lines.	Natural gas liquids produced (bbls) Required for PRU lines.	Oil Sales (bbls) Required for PRU lines.	Condensate sales (bbls) Required for PRU lines.	NGL Sales (bbls) Required for PRU lines.	EOM Oil Storage (bbls) As applicable. See supplemental instructions.	EOM Condensate storage (bbls) As applicable. See supplemental instructions.	EOM NGL storage (bbls) As applicable. See supplemental instructions.	Delivered gas volume (@ 14.73 psia and 60 deg F). Must not be negative.	Must be valid value. Required on lines with Well information.	Water Produced (bbls) See supplemental instructions.	As applicable. See supplemental instructions.	As applicable. See supplemental instructions.	Additional comments.
Oil Prod (bbls)	Condensate Prod (bbls)	NGL Prod (bbls)	Oil Sales (bbls)	Condensate Sales (bbls)	NGL Sales (bbls)	EOM Oil Storage (bbls)	EOM Condensate Storage (bbls)	EOM NGL Storage (bbls)	Gas Sales Volume (mcf)	Wellbore Status	Water Prod (bbls)	Flared Gas Volume (mcf)	Gas Utilized for Lease Fuel (mcf)	Remarks
0	0	0	0	0	0	0	0	0	801		68			ANTRIM PROJECT PRU
0	0	0	0	0	0	0	0	0	801		68			
0	0	0	0	0	0	0	0	0	801	Y	68			ANTRIM METERED WELLBORE
0	0	0	0	0	0	0	0	0	260		68			ANTRIM PROJECT PRU
0	0	0	0	0	0	0	0	0	260		68			ANTRIM NON-METERED WELLBORE ANTRIM NON-METERED WELLBORE
										N				
										Y				

UPLOAD PRODUCTION REPORT

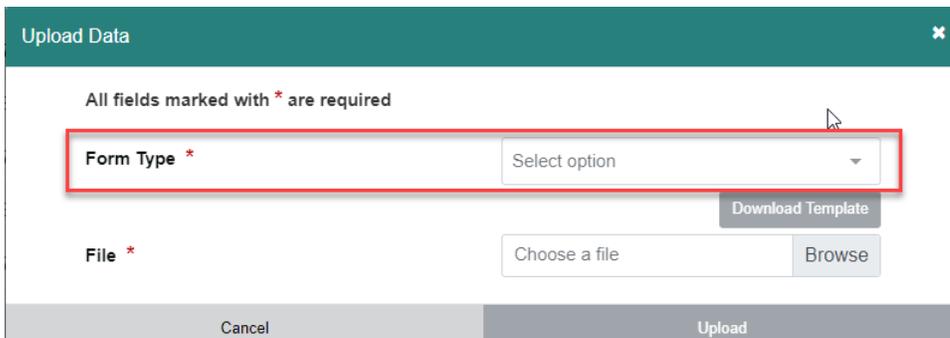
Prior to uploading your completed EDD, you should review for errors. Common Errors include:

- Stray characters outside of the column and row boundaries.
- Stray spaces or characters within cells.
- Extra rows or columns.
- Incorrect formatting such as decimal places on the API numbers.

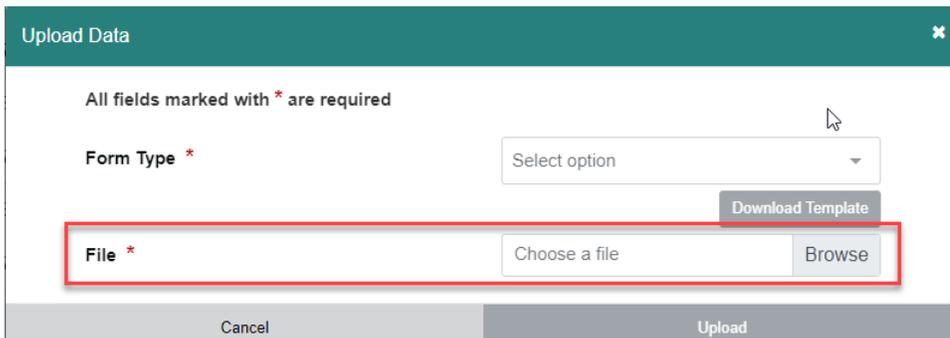
After final review, save as Excel File with extension .xlsx or save as Comma Delimited CSV with extension .CSV. On the Submissions Page (Home Page) Click **Upload** and popup box will appear.



1. Select Form Type “Monthly Well Production E-file (CSV/Excel)”.



2. Select **Browse** to choose your file and another popup will appear.



3. Navigate to the proper location on your computer and select the EDD file that you have just completed, then click **Open**. The file will then appear as a file in MiSTAR. Click **Upload**.

4. You will be redirected to the “Submissions” page and your upload will appear at the top of the submissions list. Note that the Submission Status will stick on “Processing” and the **View** button will be grayed out. Refresh your page to refresh the status.

Most Recent Report Date	Oldest Report Date	Form Type	Reporting Operator	Creating User	Creation Date	Submitting User	Submitted By Organization	Submission Date	Submission ID	Submission Status	
		Monthly Well Production E-File (CSV/Excel)	BREITBURN OPERATING LIMITED PARTNERSHIP (6371)	MysingerExternal	03/28/2023			03/28/2023	1054	Processing	View
08/01/2022	01/01/1982	Wellbore Production	BREITBURN OPERATING	DBCR00005_004	03/21/2023	SYSTEM	BREITBURN OPERATING	03/21/2023	854	Accepted	View

VERIFICATION OF SUBMITTAL

The Submission Status on the refreshed page will tell you if upload was successful.

If upload was unsuccessful, Submission Status will read “**Failed**”. This means that there were major or “submission level” errors found. Click **View** to see the full list of submission level errors displayed beneath the green “Submission Information” bar at the top of the page.

- In the example shown below, a file was submitted for Arbor Operating with Breitburn selected as the company doing the reporting. The file operator ID didn’t match Breitburn. The operator wasn’t among those associated with Breitburn’s PRU history. The operator wasn’t among those associated with Breitburn’s Wellbore history either.

[Submissions List Page](#) / 1054 | Monthly Well Production E-File (CSV/Excel)

1054 | Monthly Well Production E-File (CSV/Excel)

Delete

Submission Information

Error(s)

1. The Reporting Operator ID does not match the Reporting Operator CoNo.
2. Row 8: This Reporting Operator does not match any operators in this PRU's Operator History.
3. Row 9: This Reporting Operator does not match any operators in this Wellbore's Operator History.

Reporting Operator
BREITBURN OPERATING LIMITED PARTNERSHIP (6371)

Form Type
Monthly Well Production E-File (CSV/Excel)

Submission History

Failed SYSTEM 03/28/2023

Write down the errors, delete the upload, and go back to check the errors in your EDD file. In this example, check the blue operator section for the correct operator name and number. If correct, make sure you're logged in to submit under the correct operator. Try the upload again after corrections are made and repeat if necessary.

If upload is successful, the Submission Status will read **“Draft”**. This means that MiSTAR’s automatic validation check has not encountered any major or “submission level” errors in the file. Click **View** to verify that no minor or “row level” errors or warnings were found.

Submissions

[Filters](#) [Customize](#) [Export Data \(xls\)](#) [Upload](#)

Most Recent Report Date	Oldest Report Date	Form Type	Reporting Operator	Creating User	Creation Date	Submitting User	Submitted By Organization	Submission Date	Submission ID	Submission Status	
02/01/2023	02/01/2023	Monthly Well Production E-File (CSV/Excel)	ARBOR OPERATING LLC (6312)	Mysinger.J	03/28/2023			03/28/2023	1056	Draft	View
11/01/2022	11/01/2022	PRU Production Manual Entry	LAMBDA ENERGY RESOURCES LLC (7772)	Mysinger.J	03/28/2023	Mysinger.J	OGMD (00001)	03/28/2023	1053	Accepted	View

The Submission Detail page will display any minor (row level) errors at the top of the page.

[Submissions List Page](#) / 1056 | Monthly Well Production E-File (CSV/Excel)

1056 | Monthly Well Production E-File (CSV/Excel)

[Delete](#) [Validate](#) [Submit for Review](#) → * Please validate the data before submitting.

Submission Information

Error(s)

1 rows contain validation errors.

Reporting Operator: ARBOR OPERATING LLC (6312) Form Type: Monthly Well Production E-File (CSV/Excel) Submission History

Error details for both row level errors and warnings are shown on the lower half of the page. Under “Production Records” Click each of “Antrim Project Production”, “PRU Production”, and “Wellbore Production” to see the errors for each category.

Production Records

[Antrim Project Production](#) [PRU Production](#) [Wellbore Production](#)

[Filters](#) [Customize](#) [Export Data \(xls\)](#)

Project ID	Project Name	Report Period Start Date	Project Total Gas Vol (mcf)	Project Total Water (bbbls)	CO2 %	Reporting Operator	Amended	Wells Online	Wells Associated	Error(s)	Warning(s)
No records found.											

0 of 0 items

Errors will appear as red icons and warnings will appear as yellow icons, both in their respective columns. A green checkmark indicates no error or warning.

Production Records													
Antrim Project Production PRU Production Wellbore Production													
PRU Number	PRU Name	Report Period Start Date	Oil Prod (bbls)	Oil Sales (bbls)	Condensate Prod (bbls)	Condensate Sales (bbls)	NGL Prod (bbls)	NGL Sales (bbls)	Gas Sales Volume (mcf)	Water Prod (bbls)	Wells Online	Error(s)	Warning(s)
20994	State Bismarck 2-14	02/01/2023	784	582	0	0	0	0	0	8858	0		

Click the red triangle to see the details of the error.

Error(s)

1. When the corresponding Single Oil/Gas Well production Wellbore Status = N, SI, or TA, then the Single Oil/Gas PRU production record must have Oil Prod (bbls) AND Condensate Prod (bbls) AND NGL Prod (bbls) AND Gas Sales Volume (mcf) AND Water Prod (bbls) all equal to 0

Gas Sales Volume (mcf): 0

Warning(s):

1 - 1 of 1 items

At this point, there are two options:

1. Delete the upload (top left of Submission Information page), fix the EDD file, and re-upload.
2. Edit on the fly using the green pencil to the right of the error, making sure to update the EDD file on my computer so it matches my submission.

*NOTE - *Updating the file is important so that it contains all approved information in the event that OGMD requests a revision during final review.**

Click the green pencil to the right of the error to display a popup box allowing you to edit the data as shown below.

Edit Production Record

All fields marked with * are required

Report Period Start Date * 11/01/2022

Report Period End Date * 11/30/2022

Production Category * Single Oil/Gas PRU

Oil Prod (bbls) * 120

Oil Sales (bbls) * 120

EOM Oil Storage (bbls) 10

Condensate Prod (bbls) * 0

Condensate Sales (bbls) * 0

EOM Condensate Storage (bbls) EOM Condensate Storage (bbls)

NGL Prod (bbls) * 0

NGL Sales (bbls) * 0

EOM NGL Storage (bbls) 0

Gas Sales Volume (mcf) * 0

Flared Gas Volume (mcf) Flared Gas Volume (mcf)

Gas Utilized for Lease Fuel (mcf) Gas Utilized for Lease Fuel (mcf)

Cancel Save

See the main MiSTAR Production User Guide for details regarding errors and validation:

1. Data Validation Rules – “Production Record Validation Guide” under Data Validation Rules within the MiSTAR Production Report Submittal section.
2. Data Editing Options – “Production Record Manual Submission / Edits” within the MiSTAR Production Report Submittal section.
3. Data Correction Options – “Correcting Submission Errors” within the MiSTAR Production Report Submittal section.

Finalize Submission - After all errors are resolved and all warnings are either checked or resolved, click **Validate** on the Submission Detail Page to do a final check for errors.

[Submissions List Page](#) / 1066 | Monthly Well Production E-File (CSV/Excel)

1066 | Monthly Well Production E-File (CSV/Excel)

Delete Validate Submit for review → * Please validate the data before submitting.

Submission Information **Turns Blue After Successful Validation**

Error(s)

1 rows contain validation errors.

Reporting Operator REEFWORKS LLC (8299)	Form Type Monthly Well Production E-File (CSV/Excel)	Submission History
Amended? No	Data Source File Upload	Draft SYSTEM 03/29/2023
Submission ID 1066	Submission Comments	Processing InternalReviewer 03/29/2023

If validation returns further errors or warnings, review and resolve them. If Validation is Successful, the **Submit for Review** button will turn from gray to blue. Click **Submit for Review** to complete the submission. *The submission will not be official until you click this button.*

AWAIT OGMD APPROVAL

OGMD will review the submittal and either approve or reject it. If OGMD approved the submission the Submission Status will become “Accepted” on the Submissions Page as shown below.

Submissions

Filters Customize Export Data (xls) Upload

Most Recent Report Date	Oldest Report Date	Form Type	Reporting Operator	Creating User	Creation Date	Submitting User	Submitted By Organization	Submission Date	Submission ID	Submission Status	
01/01/2023	01/01/2023	Monthly Well Production E-File (CSV/Excel)	REEFWORKS LLC (8299)	InternalReviewer	03/29/2023			03/29/2023	1066	Draft	View
11/01/2022	11/01/2022	PRU Production Manual Entry	LAMBDA ENERGY RESOURCES LLC (7772)	MysingerJ	03/28/2023	MysingerJ	OGMD (00001)	03/28/2023	1053	Accepted	View

At this point, entries will appear in the Production Records section of the relevant Antrim Project, PRU, and Wellbore Production Entity Information. Records will also appear in the production list pages.

Production Records

PRU Production

Filters Customize Export Data (xls) + Add Production

Report Period Start Date	Oil Prod (bbbls)	Oil Sales (bbbls)	Condensate Prod (bbbls)	Condensate Sales (bbbls)	NGL Prod (bbbls)	NGL Sales (bbbls)	Gas Sales Volume (mcf)	Water Prod (bbbls)	Wells Online
11/01/2022	0	0	0	0	0	0	4140	9	
10/01/2022	0	0	0	0	0	0	4401	36	

If the submission is rejected, the Submission Status on the Submissions page will become “Rejected”. OGMD will contact you with an explanation. One possible example, may have to do with production balancing month-to-month, or not matching the gatherers report, etc.

OVERVIEW OF ALL FIELDS AND REQUIREMENTS

	Field Heading in File	Data Description
1	Reporting Operator ID	Company Operator ID will be provided by OGMD when you receive your username & password. It can also be found in parentheses next to the company name in most fields.
2	Reporting Operator Name	Company Name as provided to OGMD.
	Production Category	NEW FIELD. See chart in user documentation above to determine which production category to assign each record.
3	Amended Record?	Same as former "Correction" field. Accepts a "Yes" for amended record and "No" for new records. This field is case sensitive.
4	Report Period Start Date	Same as former "ProdDate" field. Must be in the format of MM/01/YYYY. Multiple months of data on a single form are allowed.
5	Antrim Project ID	Same as former "FieldID" field. Antrim gas wells only. A list of Antrim Project IDs and Names associated with an operator can be found on the Production Entity List page for Antrim Projects. We suggest operators download an initial list of active status Projects by filtering to the desired operator and downloading the table.
6	Antrim Project Name	See Antrim Project ID. Do not use commas in numbers or names.
7	CO2(%)	Carbon dioxide percentage for Antrim projects only.
8	LACT Meter	Oil gatherer account number, transporter account number or meter station number.
9	Meter Station	Gas gatherer account number, transporter account number or meter station ID.
	API Number (14 digit)	NEW FIELD. A list of APIs, OGMD permit numbers, MPSC numbers and Well Names associated with an operator can be found on the Production Entity List page for wellbores. We suggest operators download an initial list by filtering to the desired operator and downloading the table. NOTE- only one wellbore per well should be reported against each month. IE- if a well has two active producing wellbores only use the wellbore with a blank end date on its association with other entities.
10	OGMD Permit Number	See API Permit Number. Permit from OGMD for wellbore matching API field.
11	MPSC Number	See API Permit Number. Permit from MPSC for wellbore matching API field.
12	Well Name and Number	See API Permit Number. Do not use commas in numbers or names.
13	PRU Number	Same as former "PRU" field. A list of PRU IDs and Names associated with an operator can be found on the Production Entity List page for PRUs. We suggest operators download an initial list of active status PRUs by filtering to the desired operator and downloading the table.
	PRU Name	See above. Do not use commas in numbers or names.
14	Oil Prod (bbls)	Same as former "Oil" field. Oil produced for PRU. Use a zero for instances where there is no oil production.
15	Condensate Prod (bbls)	Same as former "Condensate" field. Condensate produced for PRU. Use a zero for instances where there is no condensate production.
16	NGL Prod (bbls)	Same as former "NGL" field. Natural Gas Liquids produced for PRU. Use a zero for instances where there is no NGL production.
17	Oil Sales (bbls)	Same as former "OilPLRuns" field. Oil sales for PRU. Use a zero for instances where there is no oil sales.
18	Condensate Sales (bbls)	Same as former "CondSales" field. Condensate sales for PRU. Use a zero for instances where there is no condensate sales.
19	NGL Sales (bbls)	Same as former "NGLSales" field. Natural Gas Liquids sales for PRU. Use a zero for instances where there is no NGL sales.

20	EOM Oil Storage (bbls)	Same as former "EOMOil" field. End of month oil storage for PRU. Use a zero for instances where there is no oil EOM storage.
21	EOM Condensate Storage (bbls)	Same as former "EOMCond" field. End of month condensate storage for PRU. Use a zero for instances where there is no condensate EOM storage.
22	EOM NGL Storage (bbls)	Same as former "EOMNGL" field. End of month NGL storage for PRU. Use a zero for instances where there is no NGL EOM storage.
23	Gas Sales Volume (mcf)	Same as former "GasDVol" field. Delivered gas volume for individually metered well, Antrim project, or PRU (@ 14.73 psia at 60 deg F). Use a zero for instances where there is no gas sales volume.
24	Wellbore Status	Same as former "Status" field. Use "Y" if well produced during month, "N" if well/lease did not produce during the month, "TA" for well/lease granted TA status by OGMD, and "SI" for shut-in by operator. If a well is plugged and abandoned, it does not need to be reported.
25	Water Prod (bbls)	Same as former "Water" field. Water produced for individually metered well, Antrim project, or PRU. Use a zero for instances where there is no water produced.
	Flared Gas Volume (mcf)	NEW FIELD. Flared Gas Volume is currently only relevant to Trenton/Black River wells which are reported on Form EQP7105. Report the volume of gas flared.
	Gas Utilized for Lease Fuel (mcf)	NEW FIELD. Lease Fuel Gas Volume is currently only relevant to Trenton/Black River wells which are reported on Form EQP7105. Report the volume of gas utilized for lease fuel.
26	Remarks	Other information for OGMD/MPSC.


 MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY – OIL, GAS, AND MINERALS DIVISION
 MICHIGAN PUBLIC SERVICE COMMISSION – OPERATIONS AND WHOLESALE MARKETS DIVISION


MONTHLY PRODUCTION REPORT

By authority of Part 615 of Act 451 PA 1994, as amended and MPSC Rule R 460.866. Non-submission and/or falsification of this information may result in suspension of operations. File this report with the Oil, Gas, and Minerals Division (OGMD) and MPSC within 45 days after the end of the month of production. If wells have received approval for annual reporting, use form EQP 7101A. Identify all wells whether produced or not. For Production Reporting Unit (PRU) information, contact the Petroleum and Mining Geology Unit of the OGMD, 517-388-4174.

Name and address of permittee 1						Month and year 3 & 4							
Name and phone number of person preparing report System recorded													
For gas wells: Field name or Antrim project name 5 & 6			For gas wells: Producing formation Not Required			For Antrim projects: →		Percent Carbon Dioxide: 7		Total gas sales (Mcf @ 14.73 psia w/o CO ₂): 23		Total Water (Bbls): 25	
1. Oil account number	2. Gas account number	3. MPSC permit number	4. OGMD permit number	5. OGMD PRU number	6. Well name and number.	For multiple well PRUs, total PRU production on a separate line						12. Produced during month	
7. Actual amount of oil produced - Bbls	8. Net oil sales - Bbls	9. Storage at end of month - Bbls	10. Total gas sales - Mcf @ 14.73 psia	11. Water production - Bbls									
<small>Assigned by oil gatherer.</small>						<small>The net liquid hydrocarbons produced during the month from PRU.</small>						<small>Yes (Y) or No (N).</small>	
<small>Assigned by gas gatherer.</small>						<small>Net liquid hydrocarbons trucked or piped from the PRU.</small>						<small>Total volume of gas sold from PRU. Report Antrim volumes without CO₂.</small>	
<small>Michigan Public Service Commission permit number.</small>						<small>Liquid hydrocarbon stock on hand at the end of the reported month.</small>						<small>Total volume of water produced from the PRU.</small>	
<small>State of Michigan drilling permit number.</small>						<small>OGMD Production Reporting Unit number.</small>						<small>Same as on drilling permit. List each well in a Production Reporting Unit (PRU) separately. Use separate line indicating product type (oil, condensate, NGLs). For Antrim wells: number each well (1,2,3,... etc), file a separate report for each Antrim project, and total project volumes of gas and water in above right.</small>	
8	9	11	10	13	12	14,15,16	17,18,19	20,21,22	23	25	24		

CERTIFICATION "I state that I am authorized by said owner. This report was prepared under my supervision and direction. The facts stated herein are true, accurate and complete to the best of my knowledge."

Name and title (print or type) System recorded	Signature Inherent in submittal of form	Date System recorded
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Send to both addresses:
Or submit via email to EGLE at: egle-geologicalrecords@michigan.gov.

OIL, GAS, AND MINERALS DIVISION MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY PO BOX 30256 LANSING MI 48909-7756	OPERATIONS AND WHOLESALE MARKETS DIVISION MICHIGAN PUBLIC SERVICE COMMISSION PO BOX 30221 LANSING MICHIGAN 48909
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Production Reporting Requirements									
		Antrim Records				Non-Antrim Records			
		x = required field Blank = not required and will not be brought over into system I/A = If Applicable (see detailed instructions)							
Data Field	Data Type	Antrim PRU	Antrim Project	Antrim Metered Well	Antrim Non-Metered Well	Single Oil/Gas PRU	Single Oil/Gas Well	Multiple Oil/Gas PRU	Multiple PRU Well Status
Reporting Operator ID	Integer	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Reporting Operator Name	String	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Production Category	String	x	x	x	x	x	x	x	x
Amended Record?	String	x	x	x	x	x	x	x	x
Report Period Start Date	Date	x	x	x	x	x	x	x	x
Antrim Project ID	Integer		x						
Antrim Project Name	String		x						
CO2 (%)	Decimal		x						
LACT Meter	String					I/A		I/A	
Meter Station	String	I/A				I/A		I/A	
API Number (14 digit)	Integer			x	x		x		x
Well Name & Number	String			x	x		x		x
OGMD Permit Number	String			x	x		x		x
MPSC Number	String			I/A	I/A		I/A		I/A
PRU Number	Integer	x				x		x	
PRU Name	String	x				x		x	
Oil Prod	Integer	x				x		x	
Condensate Prod	Integer	x				x		x	
NGL Prod	Integer	x				x		x	
Oil Sales	Integer	x				x		x	
Condensate Sales	Integer	x				x		x	
NGLSales	Integer	x				x		x	
EOM Oil Storage	Integer	I/A				I/A		I/A	
EOM Condensate Storage	Integer	I/A				I/A		I/A	
EOM NGL Storage	Integer	I/A				I/A		I/A	
Gas Sales Volume	Integer	x	x	x		x	I/A	x	
Wellbore Status	String			x	x		x		x
Water Prod	Integer	I/A	x	x		I/A	I/A	I/A	
Flared Gas Volume	Integer					I/A		I/A	
Gas Utilized for Lease Fuel	Integer					I/A		I/A	
Remarks	String	I/A	I/A	I/A	I/A	I/A	I/A	I/A	I/A