

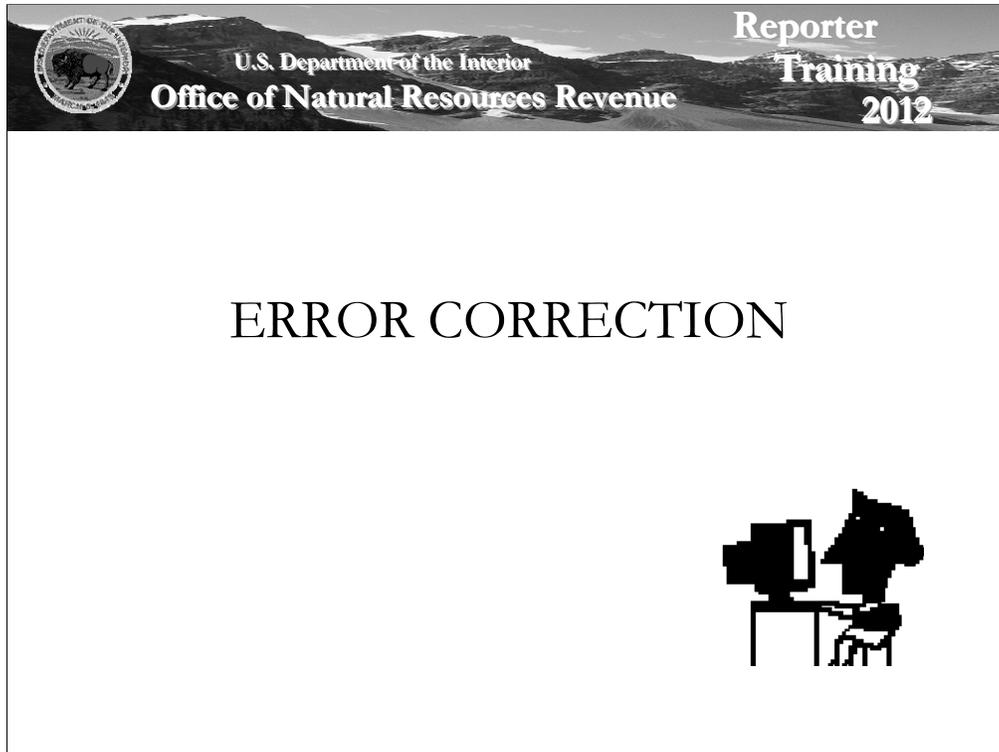
Oil and Gas Reporter Training Report of Sales and Royalty Remittance (Form 2014)

OFFICE OF NATURAL RESOURCES REVENUE



OIL AND GAS REPORTER TRAINING

BOOK 3



Welcome to error correction!

Errors will occur for various reasons. They can be as easy as using the wrong transaction code to as difficult as Implied federal royalty rate is not consistent with the lease royalty rate.

How do you go about fixing the errors? Let's first gather all of the tools you will need.



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HOW DO WE GET STARTED

- EDITS AND ERROR CORRECTION
- DATA ELEMENTS BY TRANSACTION CODE
- ROYALTY ERROR CORRECTION CONTACT LIST
- PATIENCE
- DETECTIVE SKILLS

I have listed above the documents that you need to have available to do error correction.

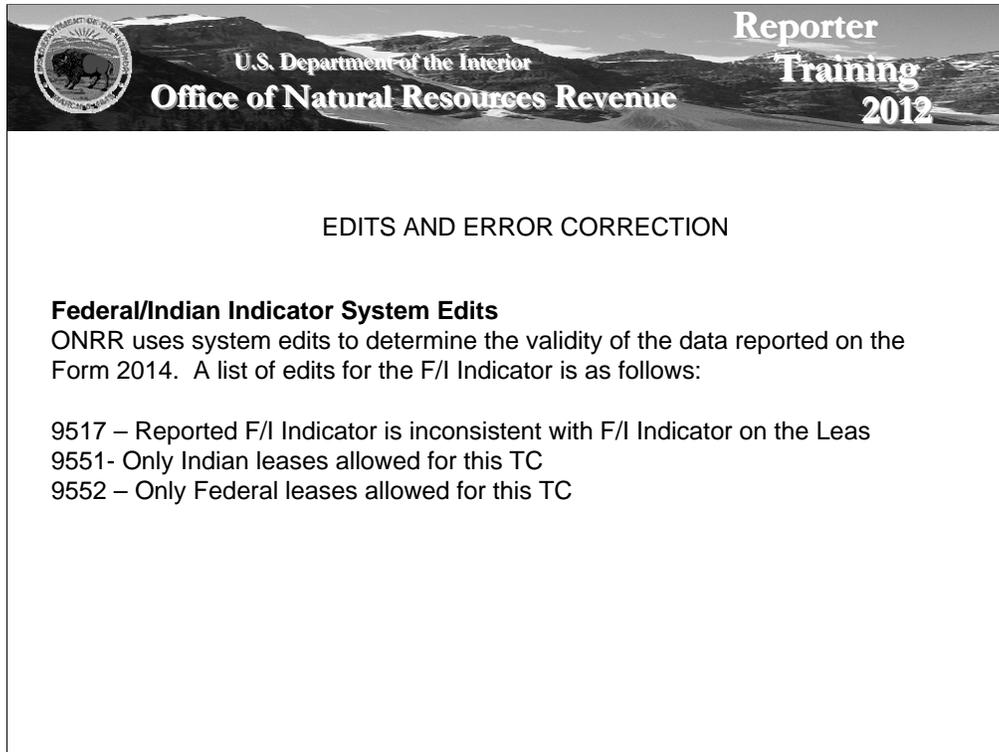
EDITS AND ERROR CORRECTION – Is going to explain what the edit is, what is it looking for, and how to fix it.

DATA ELEMENTS BY TRANSACTION CODE – tells you what fields are required for each Transaction Code. Edits were created around this document so it is invaluable in error correction.

ROYALTY ERROR CORRECTION CONTACT LIST – Who to call when you are sure you are right and we are wrong or it's audit/data mining.

PATIENCE – Rome was NOT built in a day. We are still perfecting the edits. You have overrides and want them now. Remember breathe there are only 6 of us and hundreds of you. We will get your reports in but they need to be correct.

DETECTIVE SKILLS – The obvious suspect may not be the culprit. You have a pricing error, you know the price is right, but did you look at the volumes, product code, etc?



All of the edits are connected with a field on the 2014. The above example shows that the field FEDERAL/INDIAN INDICATOR has specific edits.

One example is the edit 9517 Reported F/I Indicator is inconsistent with the F/I Indicator on the lease.

The F/I Indicator is the field that the edit will use in determining what the user established the leases and report are Federal or Indian.

What you need to take away on this is that all edits are going to focus on a specific field. Looking at the heading will tell you what field that is. This gives you the edit numbers and the description for each related edit.

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Edit Specifications:

Common	9517		Checks to make sure lease is valid. Compares the reported F/I indicator against what is shown on the lease. If they do not match then Error
TC	9551	12,50,51, 06	If indicator on the header is federal then error
TC	9552	37,38,41,42, 60	Checks if the F/I indicator is Federal. If Indicator is Indian then Error.

The edit specifications section will tell you what the edit number is and what it does. It will explain constraints, how it relates to the field, what will cause the edit to display.

It will also tell you whether it is:

TC SPECIFIC – it only runs on specific transaction codes.

COMMON – it run on all lines.

HEADER – it only runs on the header fields of the 2014. Header fields are PAYOR CODE, F/I INDICATOR, PAD.



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Error Correction for Transaction Code Edits

9517	<ul style="list-style-type: none"> •Compares the reported F/I indicator against what is shown on the lease. If the leases do not match the indicator you will get this error. •Double check all leases to determine if the problem is the lines or the Header F/I indicator is incorrect. •There could be Federal lines on an Indian document or Indian lines on a Federal document. •If the F/I Indicator is incorrect and the document is 100% rejected you can change the indicator and clear the document
9551	<ul style="list-style-type: none"> •This edit will only run if the TC is equal to 12, 50, 51, 06. These TC's can only be used on Indian documents. The edit looks at the Header and the F/I Indicator. If it is Federal the error will display. •Double check the detail lines displaying the TC's. Compare them against the Data Elements by Transaction Code Chart to see if the correct TC was used.

ERROR CORRECTION SECTION

This section shows the edit number and a description of what you can do to fix the error.

In looking at the solutions you need to keep in mind the answer is not always obvious. In the example above you will see that edit 9517 displays Reported F/I Indicator is inconsistent with the lease.

From the edit message you might begin looking at all of your leases. Before you begin checking all 150 leases you reported, try looking at the F/I indicator first. Is it correct for what you are reporting.

If it is correct and only 2 lines are showing error then you might want to look at the Transaction Code. Is the Transaction Code correct. Use this guide to look at what the edit is doing, did you also get the invalid lease number edit?

LET'S TRY IT!!!



SCENARIO 1

PAYOR CODE: 12345
PAD: 12345678
F/I INDICATOR: F

DETAIL LINES: 500 lines Total

ERROR: All lines reject with error 9517 – Reported F/I Indicator is inconsistent with the F/I Indicator on the lease.
4 lines reject with error 9551 – Only Indian Leases allowed for this TC.

Except for the 4 lines with 9551, which are Transaction Code 50, the Transaction Code used is 01.

You have Adjustment Reason Code 17 on all of the lines except for the 4 lines reported as Transaction Code 50.

You used payment method 03 on all lines.

Look at the scenario above and try to find the problem.

Can you find the problem?

DATA ELEMENTS BY TRANSACTION CODE

Transaction Code	ONRR Lease No.	API Well No.	ONRR Agreement No.	Product Code	Sales Type Code	Sales Mo/Yr	Adjustment Reason	Sales Volume	Gas MMBtu	Sales Value	Royalty Value Plus to Allowance	Transaction Allowance Deduction	Preceding Allowance Deduction	Royalty Value Less Allowance	Payment Method Code
01 Royalty Due	X	E	A	X	X	X	O	X	M	X	O	(B)	(B)	X	X
02 Minimum Royalty Payment	X					X	O				O			X	X
03 Estimated Royalty Payment	X					X	O				O			X	X
04 Rental Payment	X					X	O				O			X	X
05 Advance Rental Credit	X					X	O				O			X	X
06 Royalty in Kind Transaction - No Cash Payment to ONRR	X	B	A	X	O	X	O	X	M	X	O			X	X
07 ONRR Settlement Agreement	X					X					O			X	X
08 Royalty in Kind Reserved for Future Use	X	B	A	X	X	X	O	X	M	X	O	(B)	(B)	X	X
10 Compensatory Royalty Payment	X		A	X	O	X	O	X	M	X	O	(B)	(B)	X	X

To use the Data Elements by Transaction Code you need to recognize that each Transaction Code requires a different combination of fields.

If you are attempting to report your monthly royalties for lease 1234567890 but only fill in the Lease No., Sales Mo/Yr, Transaction Code 01, Royalty Value Before Allowance and the Royalty After Allowance the line will reject with a variety of errors. This line could either be very wrong or maybe you were actually trying to report rent or minimum royalty and just used the wrong transaction code.

For Rent what Transaction Code might you have used?

How about minimum royalty what transaction code?

The Data Elements by Transaction Code also tells you what the line would look like in a natural state. What is meant by natural state is what the line is going to look like the first time it is reported. A line can be a natural negative or positive. If you reverse the line it will be just the reverse of the natural state.

If you reverse out a Transaction Code 10 what fields are going to be positives?



ROYALTY RATE ERRORS

Detail Line	1	2
• Line Number		
• API Well Number		
• MMS Lease Number	049012943A	0490129430
• MMS Agreement Number		8910012340
• Product Code	04	01
• Sales Type Code	ARMS	ARMS
• Sales MO/YR	072011	072011
• Transaction Code	01	01
• Adjustment Reason Code		
• Sales Volume	1280.00	10.55
• Gas MMBtu	1408.00	
• Sales Value	704.00	527.98
• Royalty Value Prior to Allowances	88.00	88.00
• Transportation Allowance	0.00	0.00
• Processing Allowance	0.00	0.00
• Royalty Value Less Allowances	88.00	88.00
• Payment Method Code	3	3

LET'S TRY IT

The Lease on Line one has a Royalty Rate of .16667 in our system.

The Lease on Line two has a Royalty Rate of .125 in our system.

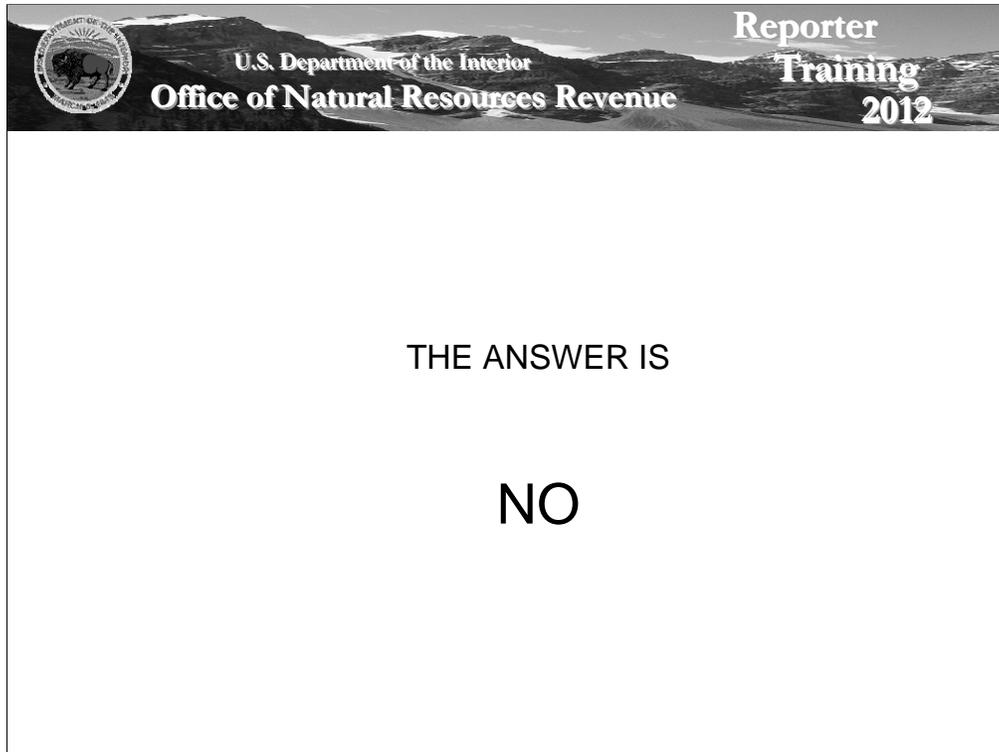
The First thing you need to do is to find out what was reported on the line.

Divide the Royalty Value Prior to Allowances by the Sales Value.

In the above scenario's it will show the first line is .125 and the second is .16667.

QUESTION:

Can you use your DIVISION ORDER PERCENT for the Royalty Rate?



Division Order Percent (DOP)

Division Order Percent (DOP) is a term used by industry to determine the ONRR portion. The DOP is the combined total for the F or I Mineral Ownership Interest x Tract Allocation (if applicable) x Lease Royalty Rate x Company's Working Interest. Reporters sell their production to purchasers, and purchasers pay them revenues. Reporters distribute the revenues – usually in the form of a check – to the interest holders, based on their entitled interest. The ONRR is considered an interest holder.

When working with reporters to determine the correct volumes to report, consider that they may have paid the correct royalties based on the DOP, but reported all the volume when they should have reported only the Federal or Indian portion associated with the royalties. When they begin explaining how they arrived at the volumes and values reported, listen to whether they use the term “DOP.” Because the DOP includes a royalty rate, you cannot apply the DOP to the volumes reported on the line. The DOP must be separated into its respective components and applied to individual fields based on what is being reported. To determine the ONRR portion of the DOP, divide the DOP by the royalty rate. The result is the ONRR portion to be taken against the sales volume.



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THINGS TO CONSIDER WHEN SPLITTING DOCUMENTS ARE:

- Can I break the data into smaller pieces by using years or months for breaking points?
- Is my document going to be Federal or Indian?
- How many lines of data am I attempting to report?
- What do I do about multiple documents and the PAD (UFI)?

If your document is too big and you need to split up the report use the following rules:

- Make your first document 1000 lines, the next one 999, the next one 998, etc.
This way you won't have a duplicate document by mistake.

- Use the same PAD (UFI) on all of your documents that belong together.

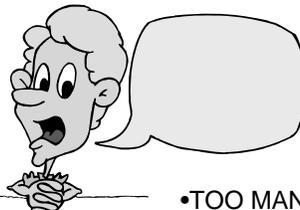
- Keep Positive and Negative lines together .

- Don't make Audit and Data Mining lines part of your main report. It will make the report less likely to have more than 1000 errors.

If Indian make sure you keep leases whole. Positive and negative need to be together . If the positive is less than the negative you will need a TC50 for a recoupable balance. RECOUP NEXT MONTH!!!! If you try to recoup at the end on your regular report you may have problems. Overrides on Audit and Data Mining are not priority the monthly reports will be worked first.

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LETS TALK

- TOO MANY ERRORS CAN'T VALIDATE
- OVERRIDE DOES NOT SEEM TO BE WORKING
- WHAT DO YOU DO WHEN THERE ARE TOO MANY ERRORS
- SO HOW MANY ERRORS CAN I HAVE
- WHY DO I HAVE SO MANY ERRORS
- HOW DO I HANDLE AUDITS AND DATA MINING

The eCommerce 2014 can only validate up to 1000 errors. It will display what it can but it can't display all. So what happens is that when you go to override those errors that displayed it looks like the override is complete. You call your contact and ask her to override, she does but now your document says you can't send because you have fatal errors. By this time you are frustrated.

The status of the validation will help you. If you don't see complete on the validation then all of the errors are not there. If you have more than 1000 errors then a override won't work. We can not override more than 1000 errors.

Why would you ever override 1000 errors? One word, ok two, Audit and Data Mining. If you are correcting errors on an audit document and you are working with several years of data please think before you create the documents.



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PATIENCE

There are a few things that you can count on:

1. When you need to use an automated system and there is a deadline it will be as slow as molasses in January
2. If you need to call someone for help and time is running out no one will respond to your calls
3. You know exactly what you are doing but no one will believe you

If you try to follow a few things they may help you.

- Timing is everything. If you get your information to report don't wait till last day of the month.
- Try to work audit, data mining corrections, and adjustments on separate reports. If users spread out the volume of use on the website it won't be quite as slow at the end of the month. We are looking into hardware changes that will help the problem.
- Monthly Reports will be worked first.
- If you have errors to override we will check those lines before overriding.
- System is slower at the end of the month. It is not only slow for you but also for us. We get kicked out, timed out, and just as frustrated with the website as you do.
- If it is close to end of month and your report isn't going to be overridden soon enough to make the end of month due date make sure you PAY on time. Then call your Accountant and let them know what's happening. Then you won't be billed.

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REMEMBER TO

1. BREATHE
2. LAUGH
3. RELAX
4. TREAT OTHERS HOW YOU WANT TO BE TREATED
5. LET FRUSTRATION AND STRESS GO, LIFE IS TOO SHORT
6. FIND ONE THING EACH DAY TO BE THANKFUL FOR



Other helpful things to remember are:

If you can't get messages to display check your POP-UP BLOCKER.

What is a warning today MAY be a fatal error tomorrow.

We will move your estimates and recoupable balances to other payor codes or leases for you. Just let us know what needs to be moved.

Call the help desk and let them know when the system is slow. (303-231-3333)
The more we complain the better are chances are that it will be fixed.

You have a contact list for Royalty Error Correction. We WILL help you. Let me know when you get outstanding service and when or where we can improve.
(Mary.Dietrick@ONRR.gov)

Invalid Payor Codes

The *Minerals Revenue Reporter Handbook* defines “payor code” as a five-digit code assigned by ONRR and associated with company/individual name and address information maintained in the ONRR system. It is synonymous with “customer id.” ONRR uses payor codes in numerous business processes; the payor code must match the payor code on payment documents. Form 2014’s are attributed to the payor code currently stored in the ONRR data base, regardless of the name entered in field 1.

Who is a payor? A payor may be any entity that is assigned or assumes an obligation to report data and/or make payment to ONRR on Form 2014. Royalty Simplification & Fairness Act (RSFA) defines who is responsible for making royalty and related payments on Federal leases. Payors may include lessees, designees, operators, purchasers, and working interest owners, but are not restricted to these parties.

The ONRR system matches a payor code with the customer information in the ONRR data base and inserts the company name in the Royalty Error Correction Header screen. If the system cannot find a match for a payor code, it inserts payor code 99999 (Control Customer), and rejects the document.

The Payor Code in the Ecommerce Website is limited to what you have access to. If you didn’t include a Payor Code on your EMARF then you won’t find it on your pull down list to use. Don’t use the wrong Payor Code. Estimates, Recoupable Balances are Payor Code specific so if you don’t have the correct Payor Code you may get errors. Please do not use a Operator Number to send in your 2014.

Please make note that a new edit is coming. The edit will be on the Payor Code. It will look at the Payor Code and check to see if it is a Payor Code versus an Operator Code. If it is not a Payor Code then the error will display.

Payor Code System Edit

ONRR uses system edits to determine the validity of data reported on the Form 2014.

Payor Assigned Document (PAD) Number

The *Minerals Revenue Reporter Handbook* describes the “payor assigned document number” as an eight-number identifier chosen by the payor unless otherwise directed by ONRR. For example, if you submit two Form 2014 reports for the October 2012 report month, the PAD numbers for the two reports could be 20121001 and 20121002 (year, month, and document number). This number must be unique, and you must use it for only one report and payment document match unless you combine multiple reports.

The same PAD number must be included on the accompanying payment document along with the Payor Code, including payments made to lockboxes.

Payor Assigned Document Number System Edit

ONRR uses the following system edit to determine if a PAD number has been reported on Form 2014: 9507 – The Payor Document Number must contain a value.

Edit Specification

Edit Number	Edit Attached to TC(s)	Edit Description
9507	N/A	Checks for a PAD number. If the PAD number is blank, error occurs.

Error Correction for PAD Number Edit

9507– The Payor Document Number must contain a value

To fix the error, a PAD number must be entered.

Federal/Indian Indicator

The *Minerals Revenue Reporter Handbook* describes the Federal/Indian (F/I) Report Indicators as “F,” which identifies **Federal** lease reports; and “I,” which identifies **Indian** lease reports. Federal and Indian leases **must** be reported on separate Form 2014’s.

Federal/Indian Indicator System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the F/I Indicator is as follows:

- 9516 – The F/I must contain a value
- 9517 – Reported F/I Indicator is inconsistent with F/I Indicator on the Lease
- 9551- Only Indian leases allowed for this TC (Transaction Code)
- 9552 – Only Federal leases allowed for this TC.

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9516	N/A	Checks for the F/I Indicator. If null, then Error.
9517	N/A	Checks to make sure lease is valid. Compares the reported F/I indicator against what is shown on the lease. If they do not match, then Error.
9551	12,50,51,06	If indicator on the header is F, then error
9552	37,38,41,42	Checks if the F/I indicator is Federal. If Indicator is Indian, then Error.

Error Correction for Transaction Code Edits

9516– The F/I must contain a value

Checks F/I Indicator. If the F/I Indicator is left blank, an error will occur. This edit will not occur. You are limited to F or I and the default is F.

9517– Reported F/I Indicator is inconsistent with F/I Indicator on the Lease

Compares the reported F/I indicator against what is shown on the lease. If the leases do not match the indicator, you will get this error.

1. Double-check all leases to determine whether the problem is the lines or the Header F/I indicator is incorrect.
2. Check for Federal lines on an Indian document or Indian lines on a Federal document.
3. If there are Federal lines on an Indian document, create a new document and resubmit the Federal lines on a Federal document.
4. If there are Indian lines on a Federal document, create a new document and resubmit the Indian lines on an Indian document.
5. If the F/I Indicator is incorrect and the document is 100% rejected, change the indicator and clear the document.

9551- Only Indian leases allowed for this TC (Transaction Code)

This edit will only run if the TC is equal to 12, 50, 51, or 06. These TC's can only be used on Indian documents. The edit looks at the Header and the F/I Indicator. If either is Federal, the error will display.

1. Double-check the detail lines displaying the TC's. Compare them against the Data Elements by Transaction Code Chart to see if the correct TC was used.
2. If the TC's being reported are correct for that F/I Indicator change the F/I Indicator on the Header and clear the document.
3. If the TC's are correct or if they are mixed up, delete the incorrectly reported lines. Create a new document to report the incorrect lines on an Indian document.

9552- Only Federal leases allowed for this TC

Check to see that the F/I indicator is Federal. This edit will only run if the TC is equal to 37, 38, 41, 42. These TC's can only be used on Federal documents. The edit looks at the Header and the F/I Indicator; if Indian, the error will display.

1. Double check detail lines displaying the TC's. Compare them against the Data Elements by Transaction Code Chart to see if the correct TC was used.
2. If all TC's reported are correct for that F/I Indicator and the header displays black, change the F/I Indicator on the Header and clear the document.
3. If the TC's are correct or they are mixed up and the header displays gray, delete the incorrectly reported lines by creating a delete line workflow action. Create a new document to report the incorrect lines on a Federal document.

ONRR Lease Number

The *Minerals Revenue Reporter Handbook* describes the "lease number" as a 10 digit ONRR converted lease number. The ONRR lease number must be a valid ONRR-converted lease number. In most cases, the lease number consists of 10 digits (a 3-digit prefix, 6-digit body and 1-digit suffix). However, the field can accommodate an 11-digit number with a 2-digit suffix. An 11-digit number may be used at some time in the future. If your lease number has a single-digit suffix, left justify it.

Lease Number System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. The list of Lease Number edits is as follows:

- 9548 – Invalid Lease Number
- 9553 – Only Land Class Fed/Both Allowed for TC
- 9591 – Rent Provision not Found
- 9592 – Advanced royalty provision not found
- 9593 – Minimum royalty or minimum royalty paid in advance provision not found
- 9594 – Well fee provision not found
- 9595 – Gas storage flat fee provision not found
- 9596 – Gas storage injection fee provision not found
- 9597 – Gas storage withdrawal fee not found
- 9629 – Cannot recoup unless min roy paid in adv provision is established for lease
- 9630 – Lease is not producing

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9548	N/A	Checks lease number format and if it is a valid lease number. If valid lease number is incorrectly formatted or not found, error occurs.
9553	21, 22	Compares reported lease number to the Land Class Code on the Lease. If it is not Federal or both, error occurs.
9591	04, 05, 25	Compares reported lease number to system and checks provisions. If no rent provision exists for that sales date, error occurs.
9592	32, 33	Compares reported lease number to system and checks provisions. If no Advance Royalty provision exists for that sales date error occurs.
9593	02, 52	Compares reported lease number to system and checks provisions. If no Minimum Royalty or Minimum Royalty Paid in Advance provision exists for that sales date, error occurs.
9594	16	Compares reported lease number to system and checks provisions. If no Well Fee provision exists for that sales date, error occurs.
9595	17	Compares reported lease number to system and checks provisions. If no Gas Storage Flat Fee provision exists for that sales date, error occurs.

9596	18	Compares reported lease number to system and checks provisions. If no Gas Storage Injection Fee provision exists for that sales dates date, error occurs.
9597	19	Compares reported lease number to system and checks provisions. If no Gas Storage Withdrawal Provision exists for that sales date, error occurs.
9629	52	Checks for provisions and lease account balance. If provision does not exist or balance is insufficient, error occurs.
9630	01, 03, 06, 10, 11, 12, 13, 14, 15, 16, 25, 31, 37, 38, 39, 40, 41, 42, 43, 52, 53, 54, 44, 45, 46, 47, 48, 49	Checks contract status to see if lease is producing for that sales date. If not, error occurs.

Error Correction for ONRR Lease Number Edits

The Reference Data section of Reporting Services maintains Lease and Agreement information. Therefore, the edits listed above are corrected by Reference Data personnel (Refer to the Lease and Agreement Desk Manual).

ONRR Agreement Number

The *Minerals Revenue Reporter Handbook* describes the “agreement number” as a 10-digit or alpha-numeric ONRR converted lease number. The ONRR agreement number must be a valid ONRR-converted agreement number. Enter the agreement number for those leases that have royalty-bearing production allocated from an agreement. Leave the field blank if sales are reported for lease-basis production.

The ONRR agreement number is a 10-digit number that we convert from a BLM- or OEMM-assigned agreement number or from the BIA contract number. The ONRR agreement number consists of a 3-character prefix, 6-character body, and 1-character suffix.

Although agreement numbers are usually 10 digits long, the agreement number field on Form 2014 can accommodate an 11-digit number with up to a 2-digit suffix. An 11-digit number may be used at some time in the future. If your agreement number has a single character suffix, left justify it.

For ONRR lease or agreement number conversions, see Appendix B of the *Minerals Revenue Reporter Handbook*.

BLM agreement number	ONRR agreement number		
	Prefix	Body	Suffix
WYW192003B	W(sp)(sp)	192003	B(sp)
NMNM34567A	NM(sp)	(sp)34567	A(sp)
14-08-0001-30506-A	891	030506	A(sp)

Agreement Number

System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. The list of Agreement Number edits is as follows:

- 9639 – Invalid Agreement Number
- 9640 – Agreement Number not related to reported lease

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9639	N/A	Checks system for reported Agreement Number. If not found, Error occurs.
9640	N/A	Compares reported Agreement Number to system valid lease/agreement assignments, effective dates, etc.

Error Correction for ONRR Agreement Number Edits

The Reference Data section of Reporting Services maintains Lease and Agreement information. Please call your error correction analyst if you have looked at your agreement number and it is entered correctly. The error correction analyst will work with you and Reference Data to determine what the problem is. If you have documentation that shows the agreement number is effective, valid, etc. please scan the documents and send to your error correction analyst. They will be forwarded to Reference Data.

API Well Number

The *Minerals Revenue Reporter Handbook* describes the “API Well number” as a 15-character, API-Assigned well number. Report this number only if required by ONRR on certain Indian properties and offshore deepwater wells under royalty relief.

If you are required to report this number, enter a 15-character set that consists of the 12-digit API-assigned well number and the 3-character producing interval indicator, e.g., 490051234500S01.

API Well Number System Edit

ONRR uses system edits to determine the validity of data reported on Form 2014. The API Well Number edit is 9550 – API Well Number must contain a valid value.

Edit Specification

Edit Number	Edit Attached to TC(s)	Edit Description
9550	N/A	Checks the API well number format and if it is a valid well number. If well number is incorrectly formatted or not found, error occurs.

Error Correction for API Well Number Edits

The Reference Data section of Reporting Services maintains Lease and Agreement information. Please call your error correction analyst if you have looked at your agreement number and it is entered correctly. The error correction analyst will work with you and Reference Data to determine what the problem is. If you have documentation that shows the edit may be incorrect scan it and send it to your error correction analyst. They will be forwarded to Reference Data.

Product Code

The *Minerals Revenue Reporter Handbook* describes the product code as “a 2-digit code established by ONRR to identify the product sold or removed from the lease or from a lease-agreement combination.” A list of valid product codes is in Appendix C of the *Handbook*.

Product Code System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the product code is as follows:

- 9549 – Product Code is not a valid Product Type for the lease
- 9618 – Invalid Product Code
- 9620 – Product Type must be Oil and Gas
- 9621 – The Product Code must be blank
- 9623 – Product Code cannot be blank
- 9660 – Product Code must be 01 (Oil) or 02 (Condensate)

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9549	N/A	Compares PC reported on the detail line to the Minerals PC for the reported lease. For example, if the Minerals PC equals 01, the PC must be oil and gas. If the Mineral PC equals 03, then the PC must be geothermal. Edit looks at the PC mineral type first, then at the lease mineral PC to make sure that Solids leases cannot report oil and gas product codes.
9618	01, 06, 10, 11, 12, 13, 14, 15, 20, 31, 38, 37, 39, 40, 41, 42, 53, 54	Compares the PC reported on the detail line to the PC table to see if it is a valid product code.
9620	21, 22	Checks to see if the lease is oil and gas. Only oil and gas products can have interest calculated and reported.
9621	02, 03, 04, 05, 07, 16, 17, 18, 19, 21, 22, 25, 32, 33, 50, 51, 52	A PC is not reported if the TC is in the list to the left.
9623	01, 06, 10, 11, 12, 13, 14, 15, 20, 31, 37, 38, 39, 40, 41, 42, 53, 54	A valid PC is required if the TC is in the list to the left.
9660	13	Product codes 01 and 02 are invalid when reporting transaction code 13.

Error Correction for Product Code Edits

<p>9549– Product Code is not a valid Product Type for the lease</p>	<ol style="list-style-type: none"> 1. See Appendix C of the <i>Minerals Revenue Reporter Handbook</i> for a list of all valid product codes. The appendix lists Oil and Gas and Geothermal product codes
	<ol style="list-style-type: none"> 2. Call your error correction analyst for assistance.
<p>9618– Invalid Product Code</p>	<ol style="list-style-type: none"> 1. See Appendix C of the <i>Minerals Revenue Reporter Handbook</i> for a list of all valid product codes. Change the product code to a valid code.
<p>9620– Product Type must be Oil and Gas</p>	<ol style="list-style-type: none"> 1. Call your error correction analyst for assistance. 2. Compare the product code and the transaction code on the detail line. Contact the reporter to determine which valid product code is to be reported, or if an incorrect TC was used.
<p>9621– The Product Code must be blank</p>	<ol style="list-style-type: none"> 1. Compare the PC and the TC on the detail line for a valid combination. 2. Change the product code or transaction code to a valid code combination.
<p>9623– Product Code cannot be blank</p>	<ol style="list-style-type: none"> 1. Compare the PC and the TC on the detail line for a valid combination. 2. Change the product code/transaction code to a valid code combination.
<p>9660– Product Code must be 01 (Oil) or 02 (Condensate)</p>	<ol style="list-style-type: none"> 1. Compare the PC and the TC on the detail line for a valid combination. 2. Change the product code/transaction code to a valid code combination.

Sales Type Codes

The *Minerals Revenue Reporter Handbook* describes the “sales type code” as follows. “We require separate lines of royalty detail based on the nature of the sale. Report the disposition of production by the contract type. The sales type code for pooled sales allows reporting of both arm’s-length and non-arm’s-length sales under a single code. The sales type code applies only to sales contracts and not to the transportation or processing agreements. Leave the field blank for lease-level transactions, such as rental, minimum royalty, rent recoupment, or estimated royalty payments.”

For a list of sales type codes and help in determining which sales type code you should use (for example, arm’s-length [ARMS] or percentage-of-proceeds [POP] contracts), see Appendix D of the *Minerals Revenue Reporter Handbook*.

Sales Type Code System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the sales type code is as follows:

- 9560 – Sales Type Code must contain a valid value.
- 9670 – Z999 or Z700 sales type cannot be used for Sales Months after 09/2001.

Edit Specifications

Sales Type Code Edit	Edit Attached to TC(s)	Edit Description
9560	01, 11, 12, 14, 15, 41, 53, 54	If sales type code is required but missing, or not a valid code, then error. .
9670	01, 11, 12, 14, 15, 20, 41, 53, 54	If Sales Date \geq to 10/2001, and RVPA > 2.00, and Sales Type Code = Z999 or Z700, then error.

Error Correction for Sales Type Code Edits

9560– Sales Type Code must contain a valid value

1. If a sales type code is required but missing or not a valid code, then look at the Sales Type Code Edits in Appendix D of the *Minerals Revenue Reporter Handbook*.
2. Determine which sales type code should be used for the type of transaction.

9670– Z999 or Z700 sales type cannot be used for Sales Months after 09/2001

1. If the sales month/year is prior to 10/2001 and the royalty value less allowances is less than \$2.00, the sales type code is Z999 or Z700, which are pre-conversion sales type codes. All sales months equal to or after 10/2001 must have a valid sales type code.
2. Check the sales month/year to determine if it is on or after 10/2001. If so, determine what type of contract you have or what valid sales type code you should be using.

Sales Month and Year

The *Minerals Revenue Reporter Handbook* describes the “sales month and year” as the six-digit number corresponding to the month, century, and year in MMYYYY format; for example, enter 102012 for October 2012.

The following definitions of sales month/year are used when reporting on Form 2014:

Royalties: The month and year the product was sold or removed from the lease or used for geothermal resources.

Rentals: The month and year the rental is due; for example, a rental due date of December 1, 2012 – corresponding to a lease year that runs from December 1, 2012, through November 30, 2013 – is reported as 122012. A rental due date of March 15, 2013 – corresponding to a lease year running from March 15, 2013, through March 14, 2014 – is reported with a sales month/year of 032013.

Minimum royalties: The last month and year of the lease year that a minimum royalty obligation is due. A lease year running from December 1, 2012, through November 30, 2013, has a minimum royalty due date of November, 2013, and is reported with a sales month year of 11013.

Sales Month and Year System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the sales month and year system is as follows:

- 9530 – Invalid Sales MO/YR format
- 9531 – Sales MO/YR must be after the lease anniversary data
- 9532 – Sales MO/YR must be prior to the lease termination date or relinquished date
- 9554 – Sales MO/YR must be prior to the Report MO/YR
- 9556 – Sales MO/YR must be one month prior to Report MO/YR
- 9557 – Sales MO/YR must be greater than or equal to 01/1997
- 9559 – Sales MO/YR cannot be future dated
- 9667 – Sales Month cannot be greater than current year plus 5 years or less than year 1983

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9530	Common – runs on all detail lines	Checks sales date to see if it is valid
9531	Common – runs on all detail lines	Checks sales date against lease anniversary date. If sales date is before the lease anniversary date, then error.
9532	Common – runs on all detail lines	Checks to make sure lease is active and that effective date is less than sales date.
9554	01, 03, 06, 07, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 25, 31, 33, 37, 39, 40, 41, 42, 50, 51, 52, 53, 54	Compares reported sales date with the system report date. Sales date cannot be greater than system date.
9556	03	Compares sales month and report month. This is for TC 03 only.
9557	21, 22	Compares sales date to 01/1997; if less than, error occurs
9559	01, 03, 06, 10, 11, 12, 13, 14, 15, 18, 19, 20, 21, 22, 25, 31, 33, 37, 38, 39, 40, 41, 42, 50, 51, 52, 53, 54	Compares sales date to system date; sales date cannot be greater that system date.
9667		Compares Reported Sales Month Year to (Current year + 5 years). If Reported Sales Month year is greater, then error.

Error Correction for Sales Month and Year Edits

9530– Invalid Sales MO/YR format

1. Look at the sales date on the detail line for formatting. The sales month must be in the format MM/CCYY. Correct format and clear the line.

9531– Sales MO/YR must be after the lease anniversary data

This edit is connected to the lease anniversary date in ONRR’s Reference Data. The Reference Data section of Reporting Services maintains Lease and Agreement information. Please call your error correction analyst if you have looked at your agreement number and it is entered correctly. The error correction analyst will work with you and Reference Data to determine what the problem is. If you have documentation that shows the agreement number is effective, valid, etc. please scan the documents and send to your error correction analyst. They will be forwarded to Reference Data.

9532– Sales MO/YR must be prior to the lease termination date or relinquished date

This edit is connected to the lease termination date in ONRR's Reference Data. The Reference Data section of Reporting Services maintains Lease and Agreement information. Please call your error correction analyst if you have looked at your agreement number and it is entered correctly. The error correction analyst will work with you and Reference Data to determine what the problem is. If you have documentation that shows the agreement number is effective, valid, etc. please scan the documents and send to your error correction analyst. They will be forwarded to Reference Data.

9554– Sales MO/YR must be prior to the Report MO/YR

This is a TC-specific edit. It checks the line to see what TC the required fields match on the Data Elements by Transaction Code List. It is allowed only on the transaction codes listed above.

9556– Sales MO/YR must be one month prior to Report MO/YR

This edit only runs if TC is equal to 03, estimates. The sales date must be one month prior to the report date. If the sales month is not one month prior to the report month, change the date. If you are attempting to increase an estimate from a previous sales date you are not allowed to go back in time.

9557– Sales MO/YR must be greater than or equal to 01/1997

This edit only runs if TC is equal to 21 or 22. Check to see whether that TC is incorrect. Check Data Elements by Transaction Code to see what TC the line matches. This will give you all possible TC's.

- If the company is reporting TC 21 or 22 on a sales month prior to 01/1997, please delete the line. TC 21 or 22 can not be overridden.

9559– Sales MO/YR cannot be future dated

This is a TC-specific edit. It checks the line to see what TC the required fields match on the Data Elements by Transaction Code. This edit looks at the transaction code and determines if future sales dates are allowed.

9667– Sales Month cannot be greater than current year plus 5 years or less than year 1983

Compares reported sales year to (Current year + 5 years). The sales date cannot be dated any farther than 5 years into the future.

Transaction Codes

The *Minerals Revenue Reporter Handbook* describes a “transaction code” as a two-digit code that describes the reported transaction. A Transaction Code (TC) is required on all lines, and determines which fields on the line must be completed. For detailed instructions on reporting TC’s, see Chapter 4 of the *Minerals Revenue Reporter Handbook*. For a list of TC’s, see Appendix E of the *Minerals Revenue Reporter Handbook*.

Transaction Code System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the transaction code is as follows:

- 9525 – Invalid TC
- 9526 – ARC is invalid for the TC
- 9627 – TC is invalid for non-recoupable leases
- 9628 – TC is invalid for recoupable leases. Use TC 05
- 9631 – TC is only valid for gas storage agreements

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9525	Common – runs on all transactions	Checks PeopleSoft system for a valid TC. If it doesn’t find it, Error occurs.
9526	Common – runs on all transactions	Checks PeopleSoft system for a valid TC/ARC combination. If it doesn’t find it, Error occurs.
9627	05	Looks at PeopleSoft system for a valid lease and if the provision type is recoupable for rent. If the provision type is non-recoupable rent, Error occurs.
9628	04	Looks at PeopleSoft system for a valid lease and if the provision type is non-recoupable for rent. If the provision type is recoupable rent, Error occurs.
9631	17, 18, 19	Looks at PeopleSoft system for a valid type of contract. If the type is not gas storage, Error occurs.

Error Correction for Transaction Code Edits

9525 – Invalid TC	<ol style="list-style-type: none">1. Look at the TC and the rest of the detail line. Compare how the line is completed to the Data Elements by Transaction Code table.2. Determine which TC’s are possible, based on information in the table, then look at the reported TC. Check to see if the numbers were reversed or whether you used an Adjustment Reason Code (ARC) instead of a TC.
9626 – ARC is invalid for the TC	<ol style="list-style-type: none">1. Look at the TC and ARC combination. Compare how the line is completed to the Data Elements by Transaction Code table.2. Determine if the TC is being reported correctly. Look at the ARC and determine if it is valid (see Appendix F of the <i>Minerals Revenue Reporter Handbook</i>). To determine the TC/ARC combination that should have been used, look at the TC/ARC chart.
9627 – TC is invalid for non-recoupable leases	<ol style="list-style-type: none">1. Change TC from 05 to 04.2. Call your error correction analyst.
9628 – TC is invalid for recoupable leases. Use TC 05	<ol style="list-style-type: none">1. Change TC from 04 to 05.2. Call your error correction analyst.
9631 – TC is only valid for gas storage agreements	<ol style="list-style-type: none">1. Look at the line to make sure it matches the pattern for TC 17, 18, or 19 in the Data Elements table.2. Call you error correction analyst. Ask them to look at the lease to determine if it is a valid storage agreement.

Adjustment Reason Codes

The *Minerals Revenue Reporter Handbook* describes the “adjustment reason code” as a 2-digit code that identifies the reason for an adjustment. A list of valid adjustment reason codes is in Appendix F of the *Minerals Revenue Reporter Handbook*.

Adjustment Reason Code System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits for the adjustment reason code is as follows:

- 9524 – Invalid ARC

- 9529 – ARC 15 (Marginal Property True Up) is invalid for Indian leases
- 9604 – ARC must be blank
- 9605 – An estimate balance exists so the ARC must be 32
- 9607 – An estimate balance does not exist so the ARC must be blank
- 9609 – ARC 16 (Major Portion) valid only for non-index Indian leases with gas product
- 9610 – Fund Adjustment Record must exist for ARC 16
- 9641 – Agreement Number is required for ARC 15 (Marginal Property True-Up)

Edit Specifications

Edit Number	Edit Attached to TC(s)	Edit Description
9524	N/A	This edit checks the PeopleSoft System for a valid ARC. If it doesn't find it, error occurs. Changed to warning as of 03/21/02.
9529	N/A	ARC 15 is used only if the document is Federal. If the F/I Indicator on the lease is I and the ARC = 15, error occurs.
9604	07	If ARC is not 00 or blank, and if any of the values are positive, error occurs. All values must be positive when a valid ARC other than 00 is used.
9605	03	Looks at the Estimates Lease Account Balance and checks for the Payor Code and Lease number to see if a balance has been established. If a reporter has ever reported an estimate for the specific Payor/Lease combination, an ARC 32 must be used. Note: The edit does not look at the LAB sum amount.
9607	03	Looks at the Estimates Lease Account Balance and checks for the Payor Code and Lease number to see if a balance has been established. If a reporter has ever reported an estimate for the specific Payor/Lease combination, no ARC is used
9609	01	This error is only performed when ARC – 16 is reported and when the following criteria are not met: The lease is a non-index lease The document reported is Indian The Product Code is gas The sales date is after the inception of the major portion date, 01/01/00.

Edit Number	Edit Attached to TC(s)	Edit Description
9610	01	This error will occur when the following criteria are not met: The document reported is Indian The ARC is 16 The Product Code is gas A fund adjustment record for the reported sales date must exist for the Distributee Code attached to the reported lease on the 2014 detail line.
9641	01, 43, 46, 49	If ARC is valid and 15 and there is not a agreement no. reported on the line, error occurs.

Error Correction for Adjustment Reason Code Edits

9524- Invalid ARC

1. Refer to Appendix F of the *Minerals Revenue Reporter Handbook* for a list of valid adjustment reason codes.
2. Determine if the adjustment reason code is listed in the Appendix.

9529- ARC 15 (Marginal Property True Up) is invalid for Indian leases

1. Look at the document and determine if it is a Federal document or an Indian document.
2. If the document is Indian, determine the appropriate ARC to be reported.

9605- An estimate balance exists so the ARC must be 32

1. If an estimate was set up previously for a specific Payor/Lease combination, an ARC 32 must be used.

9607- An estimate balance does not exist so the ARC must be blank

1. If a reporter has not previously reported estimates for a specific Payor/Lease combination, an ARC 32 is not required.

9609 ARC 16 (Major Portion) valid only for non-index Indian leases with gas product

1. Look at the document and determine if it is a Federal document or an Indian document.
2. ARC 16 can only be used for Indian non-index leases with a gas product code. Call your error correction analyst to find out if your lease is index or non-index in our system.

9610- Fund Adjustment Record must exist for ARC 16

1. The fund adjustment record is in a table maintained by Indian Compliance. If this error occurs, contact the person in Indian Compliance maintaining the table to find out if the lease is listed in the table for this company.
2. If it is not, Indian Compliance will add the lease and/or payor to the table if the lease is applicable to True-Up. When the lease and/or payor has been added to the table, the line will clear.
3. If the lease is not applicable to True-Up, determine the appropriate ARC to be reported.

9641- Agreement Number is required for ARC 15 (Marginal Property True-Up)

1. Go to Data Elements by Transaction Code table and find the reported TC. Compare the fields on the detail line with the fields on the table.
2. If the ARC is 15, an agreement number is required on the line. Determine if the agreement number is missing and needs to be added to the line, or if a valid ARC other than 15 needs to be used.

Sales Volume

The *Minerals Revenue Reporter Handbook* describes the “sales volume” as the volume of the product sold or removed from the lease or lease/agreement combination. The sales volume is measured in units depending on the product being reported. A sales volume is only required for royalty lines attributable to sales, not lease-level transactions such as rents, well fees, minimum royalties, recoupable balances, and estimate (“Data Elements by Transaction Code”). Reporters should report the volume that they are responsible for reporting royalties to ONRR.

Takes or Entitlements

Two methods exist to report sales: takes and entitlements.

ONRR defines “takes” as the actual volume of production sold or removed from the lease or lease agreement combination.

Formula = Actual Production Volume x F/I mineral ownership interest

ONRR defines “entitlements” as the volume of production sold or removed from the agreement allocated back to the lease(s) in the agreement under the approved BLM allocation schedule. The allocation schedule, which contains tract allocations per the approved leases, is received from BLM, logged, and input into the ONRRFS by the Reference Data Team. The allocations can be viewed in ONRRFS in the Subdivision screen.

Formula = Total Production Volume x Tract Allocation x F/I Mineral Ownership Interest x Company’s Working Interest

Reporting by Lease Type

The lease type being reported determines how a reporter should report to ONRR.

- For Indian leases
 - Report “takes” for all lease production.
 - Report “entitlements” for all agreement production.
- For Federal leases
 - Report “takes” for all lease production OR for 100% Federal agreements.
 - Note:** A Federal agreement is an agreement containing only Federal leases, and all leases within the agreement have the same royalty rate and same distribution (revenue is distributed to the same State or surface management agency).
 - A query is posted on the ONRR web site of agreements that are considered 100% Federal
 - Report “entitlements” for any mixed agreement

Note: A mixed agreement is defined by ONRR as any agreement that does NOT qualify as a 100% Federal Agreement as defined above. In essence, the total acres within the agreement boundaries are part Federal, part fee, or part Indian.

When reporters pay royalties to ONRR, they are only responsible for paying on the Federal or Indian portion. Therefore, ONRR only wants the volumes and values attributed to those royalties reported on the royalty line.

Division Order Percent (DOP)

Division Order Percent (DOP) is a term used by industry to determine the ONRR portion. The DOP is the combined total for the F or I Mineral Ownership Interest x Tract Allocation (if applicable) x Lease Royalty Rate x Company's Working Interest. Reporters sell their production to purchasers, and purchasers pay them revenues. Reporters distribute the revenues – usually in the form of a check – to the interest holders, based on their entitled interest. The ONRR is considered an interest holder.

When working with reporters to determine the correct volumes to report, consider that they may have paid the correct royalties based on the DOP, but reported all the volume when they should have reported only the Federal or Indian portion associated with the royalties. When they begin explaining how they arrived at the volumes and values reported, listen to whether they use the term “DOP.” Because the DOP includes a royalty rate, you cannot apply the DOP to the volumes reported on the line. The DOP must be separated into its respective components and applied to individual fields based on what is being reported. To determine the ONRR portion of the DOP, divide the DOP by the royalty rate. The result is the ONRR portion to be taken against the sales volume.

Units of Measurement for Products

Product	Code(s)	Unit of Measurement
Oil, Condensate, Plant Inlet Scrubber, Other	01, 02, 05, 06, 14, 20	Barrels
Residue, Unprocessed Gas	03, 04	Mcf with MMBtu
Coalbed Methane	39	Mcf with MMBtu
Flash Gas, Fuel Gas, Gas Lost	12, 15, 16	Mcf with MMBtu
Gas Plant Products	07	Gallons
Nitrogen, Carbon Dioxide Gas, Helium	09, 17, 22	Mcf with no MMBtu
Sulfur	19	Long tons (2,240 lbs)
Geothermal – Electrical Generation - kWh	31	kWh
Geothermal – Electrical Generation - lbs	32	Thousands of Pounds
Geothermal – Direct Utilization	36	Hundreds of Gallons

Sales Volume System Edits

ONRR uses system edits to determine the validity of the data reported on Form 2014. A list of edits for the sales volume is as follows:

- 9536 – Sales Vol must be positive if the ARC is blank and the RVPA is positive
- 9538 – Sales Vol must be negative if the ARC is not blank and the RVPA is negative
- 9598 – Sales Volume cannot be zero
- 9601 – Sales Volume must be positive if the Sales Value is positive
- 9658 – Sales Volume must be zero

Edit Specifications

Edit Number	Edit Attached to TC	Edit Description
9536	01, 06, 10, 18, 19, 31, 37, 38, 40, 53, 54	If the RVPA is ≤ 2.00 or ≥ -2.00 , the edit is bypassed. If the sales volume is negative and the RVPA is positive and the ARC is blank, error occurs.
9538	01, 06, 10, 18, 19, 31, 37, 38, 40, 53, 54	If the RVPA is ≤ 2.00 or ≥ -2.00 , the edit is bypassed. If the sales volume is negative and the RVPA is negative and the ARC is blank, error occurs.
9598	01, 06, 10, 18, 19, 31, 37, 38, 39, 40, 41, 43, 53, 54, 44, 45, 46, 47, 48, 49	If the RVPA ≤ 2.00 or ≥ -2.00 , then the edit is bypassed. Checks to see if sales value is populated. If it is, it checks to see if the sales volume is populated. If the sales volume is zero or blank, error occurs.
9601	39, 41, 43, 44, 45, 47, 48, 49	If sales volume is not zero, error occurs. Sales volume is not required for the TC
9658	02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 20, 21, 22, 25, 32, 33, 42, 50, 51, 52, 53	Checks to see if sales volume is populated, if sales volume is populated, error occurs.

Error Correction for Sales Volume Edits

9536– Sales Vol must be positive if the ARC is blank and the RVPA is positive

1. Check for an ARC on the line.
2. If no ARC has been reported, compare the sign on the sales volume with the sign on the RVPA.
3. If the signs don't match, log into the ONRR Data Warehouse and run a Standard Royalty Report by lease and sales month to determine whether there is an offsetting line accepted in the history. If there is an offsetting line, scan the documentation and send it to the error correction analyst. Prepare an override.
4. If there is not an offsetting line the line cannot be overridden.

9538– Sales Vol must be negative if the ARC is not blank and the RVPA is negative

1. Check for an ARC on the line.
2. If no ARC has been reported, log into the ONRR Data Warehouse, run a Standard Royalty Report by, lease, and sales month to determine if there is an offsetting line accepted in the history.
3. If an offsetting line is found and is an exact match, determine an appropriate ARC to add to the rejecting line. When an ARC has been determined, make the necessary correction.
4. If there is not an offsetting line the line cannot be overridden.

9598– Sales Volume cannot be zero

1. Check the line for the TC being used. If it is one of the TC's listed above and related to this edit, check for an amount in the sales value field.
2. If an amount is present, check for an amount in the sales volume. If the sales volume is zero or blank, provide an amount for the sales volume.

9601– Sales Volume must be positive if the Sales Value is positive

1. Check the line for the TC being used. If it is one of the TC's listed above and related to this edit, check for an amount in the sales volume field.
2. If the TC is correct, remove the sales volume to clear the error.

9658– Sales Volume must be zero

This error occurs on lease-level transactions such as rent or rent recoupment, estimate, well fee, etc., when a sales volume has been reported.

1. Go to Data Elements by Transaction Code, and compare the fields required for the reported transaction code to determine whether the fields look consistent with the required fields for the transaction code.
 - If so, remove the sales volume to clear the line.
 - If not, log into the data warehouse to see if there is a reversing line. If there is a reversing line, prepare an override and contact your error correction analyst.

Gas MMBtu

The *Minerals Revenue Reporter Handbook* describes “gas MMBtu” as the MMBtu contained in the gas stream when sold or removed from the lease or from the lease-agreement combination. If product codes 03, 04, 12, 15, 16, or 39 have been reported, the sales volume and gas MMBtu must also be reported. The *Minerals Revenue Reporter Handbook* also describes several fields used in the royalty value calculation. The fields used in investigating errors dealing with the Gas MMBtu are listed and described below.

- **Sales Volume**
The sales volume for gas is usually in mcf and is used to calculate the gas MMBtu. ONRR is paid based on the grade of gas produced. The gas MMBtu equals the sales volume multiplied by the Btu factor divided by 1000.
- **Sales Value**
The gas MMBtu is used to calculate the sales value. Sales value equals the gas MMBtu multiplied by the price per unit.

Gas MMBtu System Edits

ONRR uses system edits to determine the validity of the data reported on Form 2014. A list of edits that deal with gas MMBtu is as follows:

- 9602 – Gas MMBTU must not be reported for the specified Product Code
- 9603 – Gas MMBTU must be reported for the specified Product Code
- 9657 – The sign on the Gas MMBTU must match the sign on the RVPA
- 9659 – Gas MMBTU must be zero

Edit Specifications

Edit Number	Edit Attached to TC	Edit Description
9602	01, 06, 10, 31, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47, 48, 49	If Product Code reported on line is not 03, 04, 12, 15, 16, or 39 and the Gas MMBtu field is not blank, error occurs.
9603	01, 06, 10, 31, 37, 38, 39, 40, 41, 43, 44, 45, 46, 47, 49	If the RVPA is ≤ 2.00 or ≥ -2.00 , the edit is bypassed. If Product Code reported on line is 03, 04, 12, 15, 16, or 39 and the Gas MMBtu field is blank, error occurs
9657	01, 06, 10, 31, 37, 38, 40, 43, 46, 49	Compares the sign of the Gas MMBtu reported to the RVPA reported. If the signs do not match, error occurs.
9659	02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 25, 32, 33, 42, 50, 51, 52, 53, 54	Looks at the TC. If it is one of the TC's listed to the right, and the Gas MMBtu field is populated, error occurs.

Error Correction for Gas MMBtu Edits

9602– Gas MMBTU must not be reported for the specified Product Code

1. Look at Product Code field. If the reporter is reporting oil products and the product code is not 03, 04, 12, 15, 16, or 39, then the reporter is reporting oil products but reporting a Gas MMBtu. Determine what product code should be used.
2. If oil then remove the Gas MMBtu and clear the line. .

9603– Gas MMBTU must be reported for the specified Product Code

1. Look at product code field. If the reporter is reporting oil products and the product code is not 03, 04, 12, 15, 16, or 39, then the reporter is reporting oil products but not reporting a Gas MMBtu.
2. Determine what product code should be used.
3. If gas then enter a Gas MMbtu. (formula = sales volume x btu factor divided by 1000.
4. If product code is incorrect then change product code and clear the line.

9657– The sign on the Gas MMBTU must match the sign on the RVPA

1. Determine why the signs are mixed on the line. Check ONRR Data Warehouse to see if a reversing line can be found.
2. If a reversing line is found then scan the documentation and send to the error correction analyst. Prepare override.
3. If no reversing line is found then fix the mixed sign and clear the line.

9659– Gas MMBTU must be zero

1. Look at the transaction code and see if it matches the Data Elements by Transaction Code chart, then see if it matches the pattern for a lease-level transaction code.
2. If you are reporting a lease-level transaction then remove the Gas MMBtu.

Sales Value

The *Minerals Revenue Reporter Handbook* describes several fields that are used in the royalty price calculation. The fields used to investigate errors dealing with Sales Value errors are listed and described below.

Sales Value

If you report product codes 03, 04, 12, 15, 16, or 39, use the MMBtu price. Sales value equals gas MMBtu multiplied by price. If you report any other oil or gas product codes, use the bbl, Mcf, gal, and long ton price. Sales value equals sales volume multiplied by price. See 30 CFR 206 and the *Oil and Gas Payor Handbook, Volume III—Product Valuation* for specific guidance on valuation.

If you report Indian leases for gas prices in an index zone, or for monthly major portion prices and due dates, see Appendix A of the *Minerals Revenue Reporter Handbook*.

If you report geothermal production, see the *Geothermal Payor Handbook—Product Valuation* for specific reporting guidance.

Royalty Value Prior to Allowances

This field must be completed. Royalty Value Prior to Allowances is the sales value multiplied by the royalty rate.

Geothermal reporters: This field applies only to geothermal byproduct royalties. It is critical that you use the correct royalty rate when calculating your payment to ONRR.

The lease royalty rate is specified in the lease terms. However, your royalty rate may be modified by various royalty relief programs. Do not confuse royalty rate with your

division order percent (DOP). The royalty rate is a *component* of the DOP. If you are uncertain of the royalty rate, contact a Reporting Services representative. (Refer to Appendix A of the *Minerals Revenue Reporter Handbook*.)

Sales Value System Edits

ONRR uses system edits to determine the validity of data reported on Form 2014. A list of edits that deal with Sales Value is as follows:

- 9561 – Sales Value must be positive if ARC is zero and the RVPA is positive
- 9563 – Sales Value and RVPA must have the same sign
- 9565 – The RVLA must be zero
- 9612 – Fed Sales Val/Vol not within price limits for specified product code
- 9613 – Fed Gas MMBtu Val/Vol not within price limits for specified product code
- 9614 – Ind Sales Val/Vol not within price limits for specified product code
- 9615 – Ind Gas MMBtu val/vol not within price limits for specified product code
- 9665 – Sales Value must be zero
- 9666 – Sales Value cannot be zero

Edit Specifications

Edit Code	Edit Attached to TC	Edit Procedure
9561	01, 06, 10, 31, 37, 38, 40, 53, 54	If RVPA is positive, the Sales Value is negative and the ARC is blank, error occurs.
9563	01, 06, 10, 31, 37, 38, 40, 42, 53, 54	Compares the sign reported on the Sales Value with the sign reported on the RVPA. If they don't match, error occurs.
9565	20, 39, 41	If the Royalty Value Less Allowances is populated, error occurs.
9612	01, 06, 10, 37, 38, 40, 41, 53, 54	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Fed/Ind indicator is Federal, the product is oil and Sales Volume has been reported, divide the Sales Value by the Sales Volume to get a price per unit.</p> <p>Compares the unit price with the unit price tolerance in PeopleSoft system. If the calculated unit price is below or above the unit price tolerance, error occurs.</p>

Edit Code	Edit Attached to TC	Edit Procedure
9613	01, 06, 10, 37, 38, 40, 41	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Fed/Ind indicator is Federal, the product is gas and Gas MMBtu has been reported, divide the Sales Value by the Gas MMBtu to get a price per unit.</p> <p>Compares the unit price with the unit price tolerance in PeopleSoft system.</p> <p>If the calculated unit price is below or above the unit price tolerance, error occurs.</p>
9614	01, 06, 10	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Fed/Ind indicator is Indian, the product is oil and Sales Volume has been reported, divide the Sales Value by the Sales Volume to get a price per unit.</p> <p>Compares the unit price with the unit price tolerance in PeopleSoft. If the calculated unit price is below or above the unit price tolerance, error occurs.</p>
9615	01, 06, 10, 31	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Fed/Ind indicator is Indian, the product is gas and Gas MMBtu has been reported, divide the Sales Value by the Gas MMBtu to get a price per unit.</p> <p>Compares the unit price with the unit price tolerance in PeopleSoft. If the calculated unit price is below or above the unit price tolerance, error occurs.</p>
9665	02, 03, 04, 05, 07, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 25, 32, 33, 50, 51, 52	<p>If Sales Value is populated, error occurs.</p>
9666	01, 06, 10, 31, 37, 38, 39, 40, 41, 52, 53, 54	<p>If the lease is a solids lease (has a mineral production code other than 01 or 03) and if the Calculation Method on the lease is M or U exit the edit. If sales Value is zero then error</p>

Error Correction for Sales Value Edits

9561– Sales Value must be positive if ARC is zero and the RVPA is positive

Check for an ARC on the line. If no ARC has been reported, compare the sign on the sales value with the sign on the RVPA.

- Change the sales value from a negative to a positive.
- Check ONRR data warehouse for reversing line. If reversing line is found fill in the ARC with the appropriate code. Scan documentation and send to error correction analyst. Prepare override.

9563– Sales Value and RVPA must have the same sign

Check for an ARC on the line. If no ARC has been reported, log into the ONRR Data Warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.

- If an offsetting line is found and is an exact match, determine an appropriate ARC to add to the rejecting line.

9565– The RVLA must be zero

Look at Royalty Value Less Allowance. If there is a value, look at the transaction code and compare the line to the Data Elements by Transaction Code.

9612 Fed Sales Val/Vol not within price limits for specified product code

Calculate the price that was reported (sales value divided by sales volume).

- If the amount is not reasonable for oil pricing, determine whether the reported product code is incorrect. Was there a Gas MMBtu reported? If so, chances are that the product code is incorrect. Change the product code to clear the line.
- If the amount is reasonable, determine which volumes or values might be wrong. Look at the run tickets to assure the correct price was used.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9613– Fed Gas
MMBtu Val/Vol not
within price limits
for specified product
code

Calculate the price that was reported (sales value divided by gas MMBtu).

- If the amount is reasonable for gas prices, determine whether the the wrong product code was entered. Is there a Gas MMBtu reported?
- If the amount is not reasonable for gas prices determine which volumes or values might be wrong. If the RVLA is correct but one of the other fields is incorrect, fix the error.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9614– Ind Sales
Val/Vol not within
price limits for
specified product
code

Calculate the price that was reported (sales value divided by sales volume).

- If the amount is not reasonable for oil pricing, determine whether the reported product code is incorrect. Was there a Gas MMBtu reported? If so, chances are that the product code is incorrect. Change the product code to clear the line.
- If the amount is reasonable, determine which volumes or values might be wrong. Look at the run tickets to assure the correct price was used.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9615– Ind Gas
MMBtu val/vol not
within price limits
for specified product
code

Calculate the price that was reported (sales value divided by gas MMBtu).

- If the amount is reasonable for gas prices, determine whether the wrong product code was entered. Is there a Gas MMBtu reported?
- If the amount is not reasonable for gas prices determine which volumes or values might be wrong. If the RVLA is correct but one of the other fields is incorrect, fix the error.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9665– Sales Value
must be zero

- Compare the transaction code to the Data Elements by Transaction Code and see what if the wrong Transaction Code was used.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9666– Sales Value
cannot be zero

- Compare the transaction code to the Data Elements by Transaction Code. Does it match the pattern for a lease-level transaction code but have something in the sales value? If so, remove the sales value.
- Does the line look like a royalty line? If so, enter the sales value.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

Allowances

The *Minerals Revenue Reporter Handbook* describes several fields used in reporting transportation allowances. Those fields are listed and described below.

Royalty Value Prior to Allowances

This is the result of sales value multiplied by royalty rate. **Geothermal reporters:** This field applies only to geothermal by product royalties. It is critical that you use the correct royalty rate when calculating your payment to ONRR. The lease royalty rate is specified in your lease terms. However, your royalty rate may be modified by various royalty relief programs. Do not confuse royalty rate with division order percent (DOP). The royalty rate is a *component* of DOP.

Transportation Allowance Deduction

This is a deduction from royalty due for reasonable, actual costs of transporting production from the lease to a sales point or point of value determination off the lease. For specific guidelines, see 30 CFR 206 and the *Oil and Gas Payor Handbook, Volume III—Product Valuation*. ONRR encourages you to report the transportation allowance deduction as part of your royalty transaction. If you are reporting a transportation allowance deduction associated with a royalty-in-kind (RIK) lease, see Chapter 8. **Geothermal reporters:** This field applies only to geothermal byproduct royalties.

Processing Allowance Deduction

This is a deduction from royalty due for reasonable, actual costs of extracting and recovering gas plant products from a gas stream. For specific guidelines, see 30 CFR 206 and the *Oil and Gas Payor Handbook, Volume III—Product Valuation*. ONRR encourages you to report the processing allowance deduction as part of your royalty transaction. **Geothermal reporters:** This field does not apply to geothermal resources.

Royalty Value Less Allowances

This is the royalty value after you deduct transportation and/or processing allowances.

Allowances System Edits

ONRR uses system edits to determine the validity of the data reported on the Form 2014. A list of edits that deal with allowances is as follows:

- 9633 – Transportation Allowance cannot be reported
- 9636 – Trans Allowance cannot be reported for Offshore Continental Shelf Sec 6 Leases
- 9655 – Transportation Allowance must be negative unless an ARC is reported
- 9662 – Transportation Allowance cannot be zero
- 9634 – Processing Allowance cannot be reported

9637 – Processing Allowance is invalid for the Product Code

9638 – Processing Allowance cannot be reported for a Product Type of Oil

9656 – Processing Allowance must be negative

9663 - Processing allowance cannot be zero

Edit Specifications

Edit Code	Edit Attached to TC	Edit Procedure
9633	02, 03, 04, 05, 06, 07, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 25, 31, 32, 33, 37, 38, 41, 42, 50, 51, 52, 53, 54	If the Transaction Code reported is any one of the codes listed to the left and there is a transportation allowance reported on the line, error occurs.
9636	01, 11, 43, 46, 49	Checks the system for Section 6 leases. If the lease is Section 6 and Transportation Allowance has been reported, error occurs. (Edit has been downgraded to warning.)
9655	01, 10, 11, 39, 40	If the Transportation Allowance reported on the line is positive and no ARC is used, error occurs.
9662	11	If the Transaction Code is 11 and the transportation allowance is zero, error occurs.
9634	02, 03, 04, 05, 06, 07, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, 22, 25, 31, 32, 33, 37, 38, 41, 42, 50, 51, 52, 53, 54 , 44, 45, 47, 48, C1, C2, C3, C4	If the Transaction Code reported is any one of the codes listed to the left and processing allowance has been reported on the line, error occurs.
9637	01, 15, 43, 46, 49	If the product code is not 07 and processing allowance has been reported on the line, error occurs.
9638	01, 10, 15, 43, 46, 49	If product code is product type of oil, error occurs.
9656	01, 10, 15, 39, 40, 43, 46, 49	If the Processing Allowance reported is positive and no ARC is used, error occurs.
9663	15	If the Transaction Code is 15 and the processing allowance is zero, error occurs.

Error Correction for Allowances Edits

9633 –
Transportation
Allowance cannot be
reported

- Look at the Data Elements by Transaction Code chart to see if the transaction being reported allows Transportation Allowance.
- If the transaction does not allow transportation allowance remove the transportation allowance.
- Determine if the line can be corrected.
- If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
- Scan documentation and send to error correction analyst. Prepare override.

9636 – Trans
Allowance cannot be
reported for Offshore
Continental Shelf
Sec 6 Leases

This edit has been temporarily disconnected.

9655 –
Transportation
Allowance must be
negative unless an
ARC is reported

Transportation allowances are natural negatives. If a transportation allowance is reported positive, then it must have an Adjustment Reason Code to show that it is reversing data.

1. Look in the ONRR Data Warehouse for a reversing line.
2. If you find one, add an appropriate adjustment reason code and validate. If line does not clear go to next step.
3. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
4. Scan documentation and send to error correction analyst. Prepare override.

9662 –
Transportation
Allowance cannot be
zero

Check the transaction code used on the line. It should be an 11.

1. If it is a Transaction Code 11, check to be sure the allowance was placed in the Transportation Allowance field.
2. If it is not 11, look at the Data Element by Transaction Code chart to determine what type of transaction should be reported.

9634 – Processing Allowance cannot be reported

1. Look at the Data Elements by Transaction Code chart to see if the transaction being reported allows Processing Allowance.
2. If the transaction does not allow processing allowance, determine if the transaction is being reported incorrectly.

9637 – Processing Allowance is invalid for the Product Code

Processing Allowance can only be taken if product code is 07, 19, 17, or 22, unless the lease has an extraordinary provision.

1. Check the product code reported on the line. If it is not 07, 19, 17, or 22, contact the company to determine what they are trying to report.
2. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
3. Scan documentation and send to error correction analyst. Prepare override.

9638 – Processing Allowance cannot be reported for a Product Type of Oil

Processing Allowance can only be taken on gas products.

1. Check the product code reported on the line. If it is an oil product, determine if this is really what you wanted to report.
2. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
3. Scan documentation and send to error correction analyst. Prepare override.

9656 – Processing Allowance must be negative

Processing allowances are natural negatives. If a processing allowance is reported positive, then it must have an Adjustment Reason Code to show that it is reversing data.

1. Look in the ONRR Data Warehouse for a reversing line.
2. If you find one, enter an appropriate adjustment reason code. Run validation and try to clear the line.
3. If it does not clear. Scan documentation and send to error correction analyst. Prepare override.

9663 – Processing allowance cannot be zero

Check the transaction code used on the line. It should be a 15.

1. If it is 15, check to be sure the allowance was placed in the Processing Allowance field.
2. If it is not 15, determine what type of transaction should be reported.

Royalty Value

The *Minerals Revenue Reporter Handbook* describes several fields that are used in the royalty value calculation. The fields used in investigating errors dealing with the Royalty Value errors are listed and described below.

Sales Value

Equals gas MMBtu multiplied by price. If you report any other oil or gas product codes, use the bbl, Mcf, gal, or long ton price. Sales value equals sales volume multiplied by price. See 30CFR 206 and the *Oil and Gas Payor Handbook*, Volume III – Product Valuation for specific guidance on valuation.

If you report Indian leases, or for gas prices in an index zone, or for monthly major portion prices and due dates, see Appendix A.

If you report Geothermal production, see Chapter 7 of this handbook or the *Geothermal Payor Handbook – Product Valuation* for specific reporting guidance.

Royalty Value Prior to Allowances

This is an optional field that may be completed or left blank. It contains the result of the sales value multiplied by the royalty rate.

Geothermal reporters: This field applies only to geothermal by product royalties. It is critical that you use the correct royalty rate when calculating your payment to ONRR.

The lease royalty rate is specified in your lease terms. However, your royalty rate may be modified by various royalty relief programs. Do not confuse royalty rate with your division order percent (DOP). The royalty rate is a component of DOP. If you are uncertain of your royalty rate, contact Reporting Services (for contact information, see Appendix A).

Transportation Allowance Deduction

A deduction from royalty due for the reasonable, actual costs of transporting production from the lease to a sales point or point of value determination off the lease. For specific guidelines, see 30 CFR 206 and the *Oil and Gas Payor Handbook*, Volume III – Product Valuation. ONRR encourages reporting transportation allowance deduction as part of royalty transactions. If you are reporting a transportation allowance deduction associated with a royalty-in-kind (RIK) lease, see Chapter 8. **Geothermal reporters:** This field applies only to geothermal byproduct royalties.

Processing Allowance Deduction

A deduction from royalty due for the reasonable, actual costs of extracting and recovering gas plant products from a gas stream. For specific guidelines, see 30 CFR 206 and the *Oil and Gas Payor Handbook*, Volume III – Product Valuation. ONRR encourages reporting of processing the allowance deduction as part of royalty transactions.

Geothermal reporters: This field does not apply to geothermal resources.

Royalty Value Less Allowances

Royalty value after deducting transportation and/or processing allowances.

Royalty Value System Edits

ONRR uses system edits to determine the validity of the data reported on Form 2014. A list of edits that deal with royalty valuation follows:

- 9574 – RVLA must be positive if the ARC is zero
- 9575 – RVPA must be zero
- 9576 – The RVLA cannot be zero
- 9581 – Reported RVLA must equal the RVPA plus allowances
- 9611 – RVPA is invalid for the ARC
- 9668 – Transportation/Processing fields must have opposite signs of the RVLA
- 9570 – RVLA must be zero or positive
- 9571 – The RVLA must be zero or negative
- 9572 – RVPA must be positive if the ARC is zero
- 9573 – RVPA must be negative if the ARC is zero
- 9616 – Implied federal royalty rate is not consistent with the lease royalty rate
- 9617 – Implied Indian royalty rate is not consistent with the lease royalty rate
- 9661 – Implied Royalty Rate (RVPA/Sale Value) cannot exceed 1.00
- 9669 – RVPA must match the RVLA

Edit Specifications

Edit Number	Edit Attached to TC	Edit Description
9574	01, 02, 03, 04, 05, 06, 10, 14, 16, 17, 18, 19, 31, 32, 37, 38, 40, 50, 53, 54	If ARC is null, or ARC is zero and Royalty Value Less Allowances is ≤ 0 , error occurs.
9575	20, 39, 41, 60, 11*, 15*, 66, 67, 70	Looks at Transaction Code Table. If TC reported is a match to TC on Table and RVLA is 0 equals Y, and Royalty Value Prior to Allowances is not equal to 0, error occurs. This edit will catch when the RVLA and Transportation/ Processing have different signs. When the signs are different, the RVPA is calculated and it will not be 0.
9576	01, 02, 03, 04, 05, 06, 07, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 31, 32, 33, 37, 38, 40, 42, 50, 51, 53, 54	If TC reported is 06 and ARC reported is 20, do not perform edit. If Royalty Value Less Allowances = 0, error occurs.
9581	01, 06, 10, 31, 37, 38, 40, 53, 54, 02	Computation Error in Reported Royalty Value Less Allowances – error Computes $RVPA + \text{Transportation Allowance} + \text{Processing Allowance} = RVLA$
9668	01, 10, 39, 40	Compare the RVLA to the Processing field and Transportation field. If Processing field and/or Transportation field is ≥ 0 , then the sign of the RVLA must be opposite.
9570	21	If Royalty Value After Allowances is ≤ 0 , error occurs.
9571	22	If Royalty Value After Allowances is ≥ 0 , error occurs.
9572	01, 02, 03, 04, 05, 06, 10, 14, 16, 17, 18, 19, 31, 32, 37, 38, 40, 50, 53, 54	If Sales Value is within range, if ARC-Valid-Flag = Y and ARC = null or ARC = 0, and Royalty Value Prior to Allowances is ≤ 0 , then error.
9573	12, 25, 33, 42, 51, 52	TC's listed do not have Sales Value), if ARC-Valid-Flag = Y, and ARC is Num or ARC is 0, and Royalty Value Prior to Allowances is ≥ 0 , error occurs.

Edit Number	Edit Attached to TC	Edit Description
9616	01, 06, 10, 31, 40, 42	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Product Code reported on the line matches the Product Code Table and the Mineral Production = 01 or 03 and F/I indicator is Federal and Sales Value reported does not equal 0, then calculate the implied royalty rate based on the RVPA and the Sales Value reported on the 2014.</p> <p>Gets the royalty rate from all contracts/royalty provision</p> <p>Calculates the difference between the royalty rate on the royalty provision and the implied royalty rate. Round the difference to 6 decimals</p> <p>Checks the tolerance table for the acceptable tolerance for royalty rate (FRR)</p> <p>If difference is positive, the payor is paying more than they are obligated to pay. No error will display.</p> <p>If difference is negative, the payor is paying less than they are obligated to pay. Display error.</p>
9617	01, 06, 10, 31	<p>If the RVPA is ≤ 2.00 or ≥ -2.00, the edit is bypassed.</p> <p>If Product Code reported on the line matches the Product Code Table, and the Mineral Production equals 01 or 03, and the F/I indicator is Indian, and Sales Value reported does not equal 0, then calculate the implied royalty rate based on the RVPA and the Sales Value reported on the 2014.</p> <p>Gets the royalty rate from all contracts/royalty provision</p> <p>Calculates the difference between the royalty rate on the royalty provision and the implied royalty rate. Round the difference to 6 decimals</p> <p>Checks the tolerance table for the acceptable tolerance for royalty rate (IRR)</p> <p>If difference is positive, the payor is paying more than they are obligated to pay. No error will display.</p> <p>If difference is negative, the payor is paying less than they are obligated to pay. Display error.</p>
9661	01, 06, 10, 31, 40, 42	<p>Divides RVPA by Sales Value</p> <p>If RR is > 1, then error.</p>

Edit Number	Edit Attached to TC	Edit Description
9669	02, 03, 04, 05, 07, 12, 13, 14, 16, 17, 18, 19, 21, 22, 25, 31, 32, 33, 37, 38, 41, 42, 50, 51, 52, 53, 54	Compare the RVPA to the RVLA. If RVPA does not equal the RVLA then error.

Error Correction for Royalty Value Edits

9574 – RVLA must be positive if the ARC is zero

Royalty Value Less Allowances is a natural positive amount. If it is a negative amount, an adjustment reason code must be included on the line.

1. Look at the Data Elements by Transaction Code chart and find the TC that is reported on the line. See if it matches the pattern for reporting and whether the fields are negative or positive. (On the chart, negative fields are indicated by parenthesis.) For all of the TC's that are indicated for this edit, the RVLA will be a natural positive. If the line is being reported as an adjustment line, the reported fields including the RVLA may be negative, and the ARC field will be filled in.
2. Look at the line to see if the signs on the line are mixed. If so, it could possibly be an adjustment line for a previously rejected or accepted line but the reporter forgot to use an ARC.
3. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
4. Scan documentation and send to error correction analyst. Prepare override.

9575 – RVPA must be zero

1. Look at the Data Elements by Transaction Code chart. Notice that all of the listed TC's do not have an RVLA or RVPA, except for 11 and 15.
2. If the rejected line shows an RVPA, make sure that the TC reported fits the reported fields. If it doesn't, it is possible the wrong TC could have been used.
3. If the TC is 11 or 15 and the RVPA is not blank, then double-check to see if the signs on the RVLA and allowance fields are the same. If so, correct the allowance field and clear the line.
4. If the TC is not 11 or 15 and it does match the chart, call the company and let them know that there should not be an RVPA. Remove the RVPA and clear the line.

9576 – The RVLA cannot be zero

1. Look at the Data Elements by Transaction Code chart. Notice that all listed TC's must have an RVLA.
2. If the rejected line shows no RVLA, make sure the TC reported fits the reported fields. If it does not, the wrong TC could have been used.

9581 – Reported RVLA must equal the RVPA plus allowances

This edit computes the RVPA + Transportation Allowance + Processing Allowance = RVLA. Look at the RVPA, Transportation Allowance, Processing Allowance, and RVLA. There are several possibilities for this error.

1. Wrong TC. Does the TC reported match the Data Elements by Transaction Code chart? What TC does it match? If the RVPA matches the RVLA, that indicates a lease-level transaction. Change TC and clear the line.
2. The signs on the RVPA and RVLA don't match. Contact the company to determine which sign is incorrect. If changing the sign on the RVPA to match the RVLA does not affect the royalty rate calculation, change the sign on the RVPA and clear the line.

The signs on the RVLA and Allowance fields are the same. Determine how the line should have been reported. If changing the sign on the Allowances does not affect the royalty rate calculation, change the sign on the Allowances and clear the line.

The signs are all OK but the RVPA is incorrect. Subtract all the fields in reverse order to get the correct RVPA.

Example: RVLA 100.00 – PROCESSING (+10.00) –
TRANSPORTATION (+10.00) = 120.00.

If this calculation does not affect the royalty rate calculation, enter the correct RVPA and clear the line.

9668 – Transportation/Processing fields must have opposite signs of the RVLA

Compare the RVLA to the Processing field and the Transportation field. If either the Processing field and/or Transportation field is ≥ 0 , the sign of the RVLA must be the opposite. This edit is to assure that the signs on the line are correct.

1. Check the Data Elements by Transaction Code to see what the signs should be.
2. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
3. Scan documentation and send to error correction analyst. Prepare override.

9570 – RVLA must be zero or positive

TC 21 is a natural positive. The company uses it to project interest owed to ONRR. TC 21 is rare and can cause problems with the Interest Module. If their projection is incorrect, they attempt to reverse the original TC 21 in lieu of the amount shown on an interest invoice. This will cause the reversal to error.

9571 – The RVLA must be zero or negative

TC 22 is a natural negative. The company uses it to project interest owed to the company. TC 22 is rare and can cause problems with the Interest Module

9572 – RVPA must be positive if the ARC is zero

Royalty Value Prior to Allowances is a natural positive for specific TC's. If it is negative, an ARC must be included on the line.

1. Look at the Data Elements by Transaction Code chart and find the TC that is reported on the line. See if it matches the pattern for reporting and whether the fields are negative or positive. (On the chart, negative fields are indicated by parentheses.) For all TC's indicated for this edit, the RVLA will be a natural positive. If the line is reported as an adjustment line, the reported fields including the RVLA may be negative, and the ARC field will be filled in.
2. Look at the line to see if the signs on the line are mixed. If they are, it could possibly be an adjustment line for a previously rejected or accepted line but the user forgot to use an ARC. If you find one, add an appropriate ARC.
3. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.

Scan documentation and send to error correction analyst. Prepare override.

9573 – RVPA must be negative if the ARC is zero

Royalty Value Prior to Allowances is a natural negative for specific TC's. If it is negative, an ARC must be included on the line.

1. Look at the Data Elements by Transaction Code chart and find the TC reported on the line. See whether it matches the pattern for reporting and whether the fields are negative or positive. (On the chart, negative fields are indicated by parentheses.) For all TC's indicated for this edit, the RVPA will be a natural negative. If the line is reported as an adjustment line, then reported fields including the RVPA will be positive and the ARC field will be filled in.
2. Look at the line to see if the signs on the line are mixed. If they are, it could possibly be an adjustment line for a rejected or accepted line but the reporter forgot to use an ARC.
3. Determine appropriate ARC and add it.

4. If this is a reversing line go to ONRR data warehouse, run a Standard Royalty Report by lease, and sales month to determine if there is an offsetting line accepted in the history.
5. Scan documentation and send to error correction analyst. Prepare override.

9616 – Implied
Federal royalty rate
is not consistent with
the lease royalty rate

This is a Federal Oil/Gas, Geothermal royalty rate error.

1. Calculate the RR by dividing the Royalty Value Prior to Allowance by the Sales Value. This will give you the Royalty Rate. If Royalty Rate does not match the Royalty Rate on the Lease Contract look at the entire line to see how the user reported it. Is there an error regarding the lease? If so, it could be that the user reported the wrong lease. Once reference data corrects the lease number, look at the line again to see if the error cleared.
2. If the implied royalty rate value is nowhere near the correct royalty rate, it is possible the user is using the Division Order Percentage as the royalty rate. If so, the other fields will need to be corrected to reflect the correct amounts.
3. It is possible the RVPA is incorrect. Look at the $RVPA + Transportation + Processing = RVLA$. If it indicates an error was made in the math calculation, correct the RVPA and clear the line.

9617 – Implied
Indian royalty rate is
not consistent with
the lease royalty rate

This is an Indian Oil/Gas, Geothermal royalty rate error.

4. Calculate the RR by dividing the Royalty Value Prior to Allowance by the Sales Value. This will give you the Royalty Rate. If Royalty Rate does not match the Royalty Rate on the Lease Contract look at the entire line to see how the user reported it. Is there an error regarding the lease? If so, it could be that the user reported the wrong lease. Once reference data corrects the lease number, look at the line again to see if the error cleared.
5. It is possible the RVPA is incorrect. Look at the $RVPA + Transportation + Processing = RVLA$. If it indicates an error was made in the math calculation, correct the RVPA and clear the line.
6. If the implied royalty rate value is nowhere near the correct royalty rate, it is possible the reporter is using the Division Order Percentage as the royalty rate. Determine if the RVLA is correct. If so, fix the other fields to reflect the correct amounts.

9661 – Implied Royalty Rate (RVPA/Sale Value) cannot exceed 1.00

7. It is possible the RVPA is incorrect. Look at the $RVPA + Transportation + Processing = RVLA$. If it indicates an error was made in the math calculation, correct the RVPA and clear the line.

This can be either Federal or Indian.

1. Find the implied royalty rate. Compare it to the royalty rate listed on the contract.
2. Look at the entire line to see how the user reported it. Is there an error regarding the lease? If so, it could be the user reported the wrong lease.
3. Look at the line to see if the sales volume is .01. If it is, look for rolled-up reporting. The sales volume will be .01, the gas MMBtu will be .01, and the sales value should be the $RVPA / Royalty Rate$. Divide the RVPA by the royalty rate correct sales value and clear the line.
4. If the implied royalty rate value is nowhere near the correct royalty rate, it is possible the user is using the Division Order percentage as the royalty rate. Determine if the RVLA is correct. If so, the other fields to reflect the correct amounts. If it cannot be corrected, have them reverse and correct the line. If Indian, don't forget to remind them about the Indian Recoupment Rules.
5. It is possible that the RVPA is incorrect. Look at the $RVPA + Transportation + Processing = RVLA$. If it indicates an error was made in the math calculation, correct the RVPA and clear the line.

9669 – RVPA must match the RVLA

Look at the Data Elements by Transaction Code to see if the TC reported matches. For all lease-level transaction codes, the RVPA must be the same as the RVLA. .

1. – If the RVLA is correct, fix the RVPA and clear the line.
– If the RVPA is correct, fix the RVLA and clear the line.

Payment Method Code

The *Minerals Revenue Reporter Handbook* describes the Payment Method Code as a one-digit code identifying how and to whom you make the payment. This is the amount of payment due to ONRR. For a list of payment method codes, see Appendix G of the *Minerals Revenue Reporter Handbook* 3-21.

Payment Method Code System Edits

ONRR uses system edits to determine the validity of the data reported on Form 2014. A list of edits for the payment method code follows.

- 9520 – Payment Method must contain a valid value
- 9522 – CIRC lease type requires a Payment Method 02
- 9523 – Payment Method is inconsistent with the F/I Indicator
- 9584 – Must use Payment Method 04 for this TC
- 9585 – Payment Method 04 is invalid for this TC

Edit Specifications

Edit Number	Edit Attached to TC	Edit Description
9520	Common – runs on all detail lines	Checks for valid code. Required field
9522	Common – runs on all detail lines	Checks all contracts table/land categories for a land category of mixed, and if the F/I Land Classification on the lease is Indian, and if the PM is 02. If the PM is not 02, then error.
9523	Common – runs on all detail lines	Checks payment method/lease type xref table for valid payment method for particular leases.
9584	06	Looks at the Payment Method on the detail line. If it is not equal to 04, then error.
9585	01, 02, 03, 04, 05, 07, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 31, 32, 33, 37, 38, 39, 40, 41, 42, 50, 51, 52, 53, 54	Looks at the Payment Method on the detail line. If it is equal to 04, then error.

Error Correction for Payment Method Code Edits

9520 – Payment Method must contain a valid value

- Checks payment method field on the line for valid code. Refer to the list of valid codes in Appendix G of the *Minerals Revenue Reporter Handbook*.
- With a pull down menu this error does not occur in Ecommerce but does occur when reporting paper 2014.

9522 – CIRI lease type requires a Payment Method 02

Make sure the F/I indicator on the Header is Indian. Look at the lease number – it should begin with 002. If both of these are true, then change the payment method to 02. User must use a PM 02 for the Indian portion of a CIRI lease. CIRI leases are mixed and must be reported as both Indian and Federal on separate reports.

9523 – Payment Method is inconsistent with the F/I Indicator

Check payment method/lease type xref table for valid payment method for particular leases. The edit is telling you that the lease and the payment method do not agree.

- Federal documents can only be used on 01, 03
- Indian documents can only use payment methods 02, 05, 06, 07

9584 – Must use Payment Method 04 for this TC

This should be an RIK Lease.

- There are only a few Navajo leases that use RIK leases.
- If it is not a Navajo lease, do not report payment method 04.

9585 – Payment Method 04 is invalid for this TC

Payment method 04 should only be used on RIK contracts.

- Check to see whether this is an RIK contract. If it is, then the transaction code is incorrect.

Lease Account Balance

In order to research and resolve Lease Account Balance (LAB) edits, you must understand that ONRR has defined several Transaction Codes to be reported at the lease level. This means the transactions are reported without an agreement number, product code, or sales type code, and there are no volumes or values associated with the transaction. The payments associated with these transactions are based on lease terms. The Transaction Codes that are reported at the lease level are also associated with Lease Account Balances.

Lease Account Balance System Edits

ONRR uses system edits to determine the validity of the data reported on the Form 2014. The following edits deal with the Lease Account Balance.

9578 – Estimate recoupment amount cannot be greater than current estimate balance

9580 – Recoupment not possible – insufficient summed amount

Edit Specifications

Edit Number	Edit Attached to TC	Edit Description
9578	03	Estimate recoupment amount reported on the line cannot be greater than the current estimate balance on the estimate lease account balance header.
9580	04, 05, 25, 32, 33, 50, 51, 52	If RVLA is greater than the lease account balance header, then error.

Error Correction for Royalty Value Edits

9578

1. Go to the ONRR Data Warehouse and to Lease Account Balances. Look at the Reported Amount on the header which is the bottom line total of the estimate account. The total is less than the recoupment being taken.
2. Change RVPA and RVLA to reflect correct estimate amount.

9580 – Recoupment not possible – insufficient summed amount

- The recoupment amount reported on a line cannot be greater than the current balance on the lease account balance header.
1. In the ONRRFS, open Lease Account Balance.

The screenshot shows the PeopleSoft interface for LAB Detail. The header information includes:

- LAB Acct Type: Rent
- Contract Number: 0490048710
- Contract Type: LEAS
- FI Indicator: FED
- Total Open Billed Amt: 0.00
- Anniversary Date: 04/01/1967

The table below shows the LAB details:

Select Detail	LAB Date	PM02 Reported Amt	Reported Amt Not PM02	Recoupment Amount	Summed Amount	Paid Amount	Amount Due	Due Date
1	01/01/1984	0.00	20.00	0.00	20.00	20.00	20.00	01/01
2	01/01/1985	0.00	20.00	0.00	20.00	20.00	20.00	01/01
3	01/01/1986	0.00	20.00	0.00	20.00	20.00	20.00	01/01
4	01/01/1987	0.00	20.00	0.00	20.00	20.00	20.00	01/01
5	01/01/1988	0.00	20.00	0.00	20.00	20.00	20.00	01/01
6	01/01/1989	0.00	20.00	0.00	20.00	20.00	20.00	01/01

2. Look at the LAB dates and find the one that will match the sales month reported on the line. (For example, SM on the line is 12/2012, the lease year would be 01/01/2013.)
3. Look at the header information. The **Rptd Not PM2** amount is less than the recoupment being taken. Look at the recoupment amount. Has the recoupment already been taken?

TC_TO_ERROR_TABLE	1057				
SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	01	26000	9536	1/1/1900	A
MRM	01	26000	9554	1/1/1900	A
MRM	01	26000	9572	1/1/1900	A
MRM	01	26000	9610	1/1/1900	A
MRM	01	26000	9612	1/1/1900	A
MRM	01	26000	9638	1/1/1900	A
MRM	01	26000	9561	1/1/1900	A
MRM	01	26000	9598	1/1/1900	A
MRM	01	26000	9618	1/1/1900	A
MRM	01	26000	9623	1/1/1900	A
MRM	01	26000	9636	1/1/1900	A
MRM	01	26000	9656	1/1/1900	A
MRM	01	26000	9609	1/1/1900	A
MRM	01	26000	9616	1/1/1900	A
MRM	01	26000	9617	1/1/1900	A
MRM	01	26000	9626	1/1/1900	A
MRM	01	26000	9630	1/1/1900	A
MRM	01	26000	9655	1/1/1900	A
MRM	01	26000	9661	1/1/1900	A
MRM	01	26000	9668	1/1/1900	A
MRM	01	26000	9560	1/1/1900	A
MRM	01	26000	9615	1/1/1900	A
MRM	01	26000	9641	1/1/1900	A
MRM	01	26000	9574	1/1/1900	A
MRM	01	26000	9613	1/1/1900	A
MRM	01	26000	9637	1/1/1900	A
MRM	01	26000	9666	1/1/1900	A
MRM	01	26000	9738	1/1/1900	A
MRM	01	26000	9538	1/1/1900	A
MRM	01	26000	9670	1/1/1900	A
MRM	01	26000	9614	1/1/1900	A
MRM	01	26000	9739	2/7/2009	A
MRM	01	26000	9559	1/1/1900	A
MRM	01	26000	9563	1/1/1900	A
MRM	01	26000	9576	1/1/1900	A
MRM	01	26000	9581	1/1/1900	A
MRM	01	26000	9585	1/1/1900	A
MRM	01	26000	9602	1/1/1900	A
MRM	01	26000	9603	1/1/1900	A
MRM	01	26000	9657	1/1/1900	A
MRM	02	26000	9581	10/9/2003	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	02	26000	9593	1/1/1900	A
MRM	02	26000	9659	1/1/1900	A
MRM	02	26000	9574	1/1/1900	A
MRM	02	26000	9576	1/1/1900	A
MRM	02	26000	9585	1/1/1900	A
MRM	02	26000	9658	1/1/1900	A
MRM	02	26000	9665	1/1/1900	A
MRM	02	26000	9621	1/1/1900	A
MRM	02	26000	9633	1/1/1900	A
MRM	02	26000	9572	1/1/1900	A
MRM	02	26000	9634	1/1/1900	A
MRM	02	26000	9669	1/1/1900	A
MRM	03	26000	9559	1/1/1900	A
MRM	03	26000	9630	1/1/1900	A
MRM	03	26000	9659	1/1/1900	A
MRM	03	26000	9556	1/1/1900	A
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MRM	03	26000	9665	1/1/1900	A
MRM	03	26000	9572	1/1/1900	A
MRM	03	26000	9578	1/1/1900	A
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MRM	03	26000	9669	1/1/1900	A
MRM	03	26000	9554	1/1/1900	A
MRM	03	26000	9581	10/9/2003	A
MRM	03	26000	9605	1/1/1900	A
MRM	03	26000	9574	1/1/1900	A
MRM	03	26000	9607	1/1/1900	A
MRM	03	26000	9621	1/1/1900	A
MRM	03	26000	9634	1/1/1900	A
MRM	04	26000	9669	1/1/1900	A
MRM	04	26000	9621	1/1/1900	A
MRM	04	26000	9581	10/9/2003	A
MRM	04	26000	9634	1/1/1900	A
MRM	04	26000	9572	1/1/1900	A
MRM	04	26000	9591	1/1/1900	A
MRM	04	26000	9659	1/1/1900	A
MRM	04	26000	9580	1/1/1900	A
MRM	04	26000	9585	1/1/1900	A
MRM	04	26000	9633	1/1/1900	A
MRM	04	26000	9665	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	04	26000	9574	1/1/1900	A
MRM	04	26000	9576	1/1/1900	A
MRM	04	26000	9628	1/1/1900	A
MRM	04	26000	9658	1/1/1900	A
MRM	05	26000	9572	1/1/1900	A
MRM	05	26000	9585	1/1/1900	A
MRM	05	26000	9633	1/1/1900	A
MRM	05	26000	9621	1/1/1900	A
MRM	05	26000	9581	10/9/2003	A
MRM	05	26000	9634	1/1/1900	A
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MRM	05	26000	9665	1/1/1900	A
MRM	05	26000	9669	1/1/1900	A
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MRM	05	26000	9576	1/1/1900	A
MRM	05	26000	9580	1/1/1900	A
MRM	05	26000	9574	1/1/1900	A
MRM	05	26000	9591	1/1/1900	A
MRM	05	26000	9627	1/1/1900	A
MRM	06	26000	9616	1/1/1900	A
MRM	06	26000	9603	1/1/1900	A
MRM	06	26000	9613	1/1/1900	A
MRM	06	26000	9617	1/1/1900	A
MRM	06	26000	9618	1/1/1900	A
MRM	06	26000	9657	1/1/1900	A
MRM	06	26000	9738	1/1/1900	A
MRM	06	26000	9739	2/7/2009	A
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MRM	06	26000	9623	1/1/1900	A
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MRM	06	26000	9559	1/1/1900	A
MRM	06	26000	9581	1/1/1900	A
MRM	06	26000	9602	1/1/1900	A
MRM	06	26000	9611	1/1/1900	A
MRM	06	26000	9634	1/1/1900	A
MRM	06	26000	9554	1/1/1900	A
MRM	06	26000	9563	1/1/1900	A
MRM	06	26000	9598	1/1/1900	A
MRM	06	26000	9626	1/1/1900	A
MRM	06	26000	9661	1/1/1900	A
MRM	06	26000	9561	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	06	26000	9572	1/1/1900	A
MRM	06	26000	9574	1/1/1900	A
MRM	06	26000	9630	1/1/1900	A
MRM	06	26000	9536	1/1/1900	A
MRM	06	26000	9538	1/1/1900	A
MRM	06	26000	9633	1/1/1900	A
MRM	06	26000	9551	5/6/2002	A
MRM	06	26000	9576	1/1/1900	A
MRM	06	26000	9614	1/1/1900	A
MRM	06	26000	9615	1/1/1900	A
MRM	10	26000	9563	1/1/1900	A
MRM	10	26000	9602	1/1/1900	A
MRM	10	26000	9638	1/1/1900	A
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MRM	10	26000	9616	1/1/1900	A
MRM	10	26000	9626	1/1/1900	A
MRM	10	26000	9661	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	10	26000	9668	1/1/1900	A
MRM	11	26000	9610	1/1/1900	A
MRM	11	26000	9658	1/1/1900	A
MRM	11	26000	9670	1/1/1900	A
MRM	11	26000	9576	1/1/1900	A
MRM	11	26000	9618	1/1/1900	A
MRM	11	26000	9634	1/1/1900	A
MRM	11	26000	9560	1/1/1900	A
MRM	11	26000	9609	1/1/1900	A
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MRM	11	26000	9659	1/1/1900	A
MRM	11	26000	9665	1/1/1900	A
MRM	11	26000	9581	10/8/2003	A
MRM	11	26000	9623	1/1/1900	A
MRM	11	26000	9636	1/1/1900	A
MRM	11	26000	9554	1/1/1900	A
MRM	11	26000	9559	1/1/1900	A
MRM	11	26000	9575	5/16/2002	A
MRM	11	26000	9585	1/1/1900	A
MRM	11	26000	9662	1/1/2000	A
MRM	12	26000	9554	1/1/1900	A
MRM	12	26000	9665	1/1/1900	A
MRM	12	26000	9659	1/1/1900	A
MRM	12	26000	9633	1/1/1900	A
MRM	12	26000	9581	10/9/2003	A
MRM	12	26000	9630	1/1/1900	A
MRM	12	26000	9551	1/1/1900	A
MRM	12	26000	9560	1/1/1900	A
MRM	12	26000	9576	1/1/1900	A
MRM	12	26000	9632	1/1/1900	A
MRM	12	26000	9658	1/1/1900	A
MRM	12	26000	9670	1/1/1900	A
MRM	12	26000	9573	1/1/1900	A
MRM	12	26000	9585	1/1/1900	A
MRM	12	26000	9618	1/1/1900	A
MRM	12	26000	9559	1/1/1900	A
MRM	12	26000	9623	1/1/1900	A
MRM	12	26000	9634	1/1/1900	A
MRM	12	26000	9669	1/1/1900	A
MRM	13	26000	9554	1/1/1900	A
MRM	13	26000	9585	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	13	26000	9659	1/1/1900	A
MRM	13	26000	9665	1/1/1900	A
MRM	13	26000	9618	1/1/1900	A
MRM	13	26000	9633	1/1/1900	A
MRM	13	26000	9634	1/1/1900	A
MRM	13	26000	9581	10/9/2003	A
MRM	13	26000	9623	1/1/1900	A
MRM	13	26000	9660	1/1/1900	A
MRM	13	26000	9559	1/1/1900	A
MRM	13	26000	9658	1/1/1900	A
MRM	13	26000	9576	1/1/1900	A
MRM	13	26000	9630	1/1/1900	A
MRM	13	26000	9669	1/1/1900	A
MRM	14	26000	9572	1/1/1900	A
MRM	14	26000	9658	1/1/1900	A
MRM	14	26000	9630	1/1/1900	A
MRM	14	26000	9659	1/1/1900	A
MRM	14	26000	9585	1/1/1900	A
MRM	14	26000	9559	1/1/1900	A
MRM	14	26000	9554	1/1/1900	A
MRM	14	26000	9581	10/9/2003	A
MRM	14	26000	9574	1/1/1900	A
MRM	14	26000	9670	1/1/1900	A
MRM	14	26000	9560	1/1/1900	A
MRM	14	26000	9576	1/1/1900	A
MRM	14	26000	9618	1/1/1900	A
MRM	14	26000	9669	1/1/1900	A
MRM	14	26000	9623	1/1/1900	A
MRM	14	26000	9633	1/1/1900	A
MRM	14	26000	9634	1/1/1900	A
MRM	14	26000	9665	1/1/1900	A
MRM	15	26000	9656	1/1/1900	A
MRM	15	26000	9665	1/1/1900	A
MRM	15	26000	9670	1/1/1900	A
MRM	15	26000	9560	1/1/1900	A
MRM	15	26000	9585	1/1/1900	A
MRM	15	26000	9609	1/1/1900	A
MRM	15	26000	9610	1/1/1900	A
MRM	15	26000	9637	1/1/1900	A
MRM	15	26000	9638	1/1/1900	A
MRM	15	26000	9663	1/1/2000	A
MRM	15	26000	9575	5/16/2002	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	15	26000	9581	10/9/2003	A
MRM	15	26000	9623	1/1/1900	A
MRM	15	26000	9633	1/1/1900	A
MRM	15	26000	9559	1/1/1900	A
MRM	15	26000	9658	1/1/1900	A
MRM	15	26000	9554	1/1/1900	A
MRM	15	26000	9576	1/1/1900	A
MRM	15	26000	9630	1/1/1900	A
MRM	15	26000	9618	1/1/1900	A
MRM	15	26000	9659	1/1/1900	A
MRM	16	26000	9572	1/1/1900	A
MRM	16	26000	9630	1/1/1900	A
MRM	16	26000	9581	10/9/2003	A
MRM	16	26000	9594	1/1/1900	A
MRM	16	26000	9634	1/1/1900	A
MRM	16	26000	9576	1/1/1900	A
MRM	16	26000	9665	1/1/1900	A
MRM	16	26000	9621	1/1/1900	A
MRM	16	26000	9585	1/1/1900	A
MRM	16	26000	9658	1/1/1900	A
MRM	16	26000	9633	1/1/1900	A
MRM	16	26000	9669	1/1/1900	A
MRM	16	26000	9574	1/1/1900	A
MRM	16	26000	9659	1/1/1900	A
MRM	17	26000	9572	1/1/1900	A
MRM	17	26000	9574	1/1/1900	A
MRM	17	26000	9658	1/1/1900	A
MRM	17	26000	9581	10/9/2003	A
MRM	17	26000	9585	1/1/1900	A
MRM	17	26000	9634	1/1/1900	A
MRM	17	26000	9633	1/1/1900	A
MRM	17	26000	9659	1/1/1900	A
MRM	17	26000	9665	1/1/1900	A
MRM	17	26000	9669	1/1/1900	A
MRM	17	26000	9576	1/1/1900	A
MRM	17	26000	9595	1/1/1900	A
MRM	17	26000	9621	1/1/1900	A
MRM	17	26000	9631	1/1/1900	A
MRM	18	26000	9559	1/1/1900	A
MRM	18	26000	9581	10/9/2003	A
MRM	18	26000	9574	1/1/1900	A
MRM	18	26000	9621	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	18	26000	9634	1/1/1900	A
MRM	18	26000	9669	1/1/1900	A
MRM	18	26000	9554	1/1/1900	A
MRM	18	26000	9585	1/1/1900	A
MRM	18	26000	9659	1/1/1900	A
MRM	18	26000	9572	1/1/1900	A
MRM	18	26000	9576	1/1/1900	A
MRM	18	26000	9598	1/1/1900	A
MRM	18	26000	9631	1/1/1900	A
MRM	18	26000	9536	1/1/1900	A
MRM	18	26000	9596	1/1/1900	A
MRM	18	26000	9538	1/1/1900	A
MRM	18	26000	9633	1/1/1900	A
MRM	18	26000	9665	1/1/1900	A
MRM	19	26000	9554	1/1/1900	A
MRM	19	26000	9559	1/1/1900	A
MRM	19	26000	9572	1/1/1900	A
MRM	19	26000	9585	1/1/1900	A
MRM	19	26000	9633	1/1/1900	A
MRM	19	26000	9536	1/1/1900	A
MRM	19	26000	9538	1/1/1900	A
MRM	19	26000	9581	10/9/2003	A
MRM	19	26000	9598	1/1/1900	A
MRM	19	26000	9665	1/1/1900	A
MRM	19	26000	9634	1/1/1900	A
MRM	19	26000	9574	1/1/1900	A
MRM	19	26000	9631	1/1/1900	A
MRM	19	26000	9669	1/1/1900	A
MRM	19	26000	9576	1/1/1900	A
MRM	19	26000	9621	1/1/1900	A
MRM	19	26000	9659	1/1/1900	A
MRM	19	26000	9597	1/1/1900	A
MRM	20	26000	9670	1/1/1900	A
MRM	20	26000	9623	1/1/1900	A
MRM	20	26000	9565	1/1/1900	A
MRM	20	26000	9658	1/1/1900	A
MRM	20	26000	9575	1/1/1900	A
MRM	20	26000	9554	1/1/1900	A
MRM	20	26000	9618	1/1/1900	A
MRM	20	26000	9559	1/1/1900	A
MRM	20	26000	9665	1/1/1900	A
MRM	20	26000	9659	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	20	26000	9633	1/1/1900	A
MRM	20	26000	9634	1/1/1900	A
MRM	21	26000	9585	1/1/1900	A
MRM	21	26000	9633	1/1/1900	A
MRM	21	26000	9665	1/1/1900	A
MRM	21	26000	9669	1/1/1900	A
MRM	21	26000	9634	1/1/1900	A
MRM	21	26000	9659	1/1/1900	A
MRM	21	26000	9553	1/1/1900	A
MRM	21	26000	9576	1/1/1900	A
MRM	21	26000	9581	10/9/2003	A
MRM	21	26000	9554	1/1/1900	A
MRM	21	26000	9557	1/1/1900	A
MRM	21	26000	9570	1/1/1900	A
MRM	21	26000	9621	1/1/1900	A
MRM	21	26000	9658	1/1/1900	A
MRM	21	26000	9559	1/1/1900	A
MRM	21	26000	9620	1/1/1900	A
MRM	22	26000	9576	1/1/1900	A
MRM	22	26000	9585	1/1/1900	A
MRM	22	26000	9621	1/1/1900	A
MRM	22	26000	9669	1/1/1900	A
MRM	22	26000	9554	1/1/1900	A
MRM	22	26000	9581	10/9/2003	A
MRM	22	26000	9658	1/1/1900	A
MRM	22	26000	9553	1/1/1900	A
MRM	22	26000	9633	1/1/1900	A
MRM	22	26000	9634	1/1/1900	A
MRM	22	26000	9659	1/1/1900	A
MRM	22	26000	9665	1/1/1900	A
MRM	22	26000	9559	1/1/1900	A
MRM	22	26000	9557	1/1/1900	A
MRM	22	26000	9571	1/1/1900	A
MRM	22	26000	9620	1/1/1900	A
MRM	25	26000	9659	1/1/1900	A
MRM	25	26000	9665	1/1/1900	A
MRM	25	26000	9576	1/1/1900	A
MRM	25	26000	9581	10/9/2003	A
MRM	25	26000	9621	1/1/1900	A
MRM	25	26000	9585	1/1/1900	A
MRM	25	26000	9591	1/1/1900	A
MRM	25	26000	9627	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	25	26000	9630	1/1/1900	A
MRM	25	26000	9559	1/1/1900	A
MRM	25	26000	9669	1/1/1900	A
MRM	25	26000	9580	1/1/1900	A
MRM	25	26000	9554	1/1/1900	A
MRM	25	26000	9573	1/1/1900	A
MRM	25	26000	9633	1/1/1900	A
MRM	25	26000	9634	1/1/1900	A
MRM	25	26000	9658	1/1/1900	A
MRM	31	26000	9536	1/1/1900	A
MRM	31	26000	9576	1/1/1900	A
MRM	31	26000	9581	1/1/1900	A
MRM	31	26000	9615	1/1/1900	A
MRM	31	26000	9669	1/1/1900	A
MRM	31	26000	9739	2/7/2009	A
MRM	31	26000	9554	1/1/1900	A
MRM	31	26000	9559	1/1/1900	A
MRM	31	26000	9616	1/1/1900	A
MRM	31	26000	9538	1/1/1900	A
MRM	31	26000	9617	1/1/1900	A
MRM	31	26000	9630	1/1/1900	A
MRM	31	26000	9657	1/1/1900	A
MRM	31	26000	9585	1/1/1900	A
MRM	31	26000	9598	1/1/1900	A
MRM	31	26000	9633	1/1/1900	A
MRM	31	26000	9634	1/1/1900	A
MRM	31	26000	9666	1/1/1900	A
MRM	31	26000	9561	1/1/1900	A
MRM	31	26000	9602	1/1/1900	A
MRM	31	26000	9603	1/1/1900	A
MRM	31	26000	9661	1/1/1900	A
MRM	31	26000	9618	1/1/1900	A
MRM	31	26000	9623	1/1/1900	A
MRM	31	26000	9563	1/1/1900	A
MRM	31	26000	9572	1/1/1900	A
MRM	31	26000	9574	1/1/1900	A
MRM	32	26000	9574	1/1/1900	A
MRM	32	26000	9580	1/1/1900	A
MRM	32	26000	9585	1/1/1900	A
MRM	32	26000	9572	1/1/1900	A
MRM	32	26000	9633	1/1/1900	A
MRM	32	26000	9634	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	32	26000	9658	1/1/1900	A
MRM	32	26000	9621	1/1/1900	A
MRM	32	26000	9576	1/1/1900	A
MRM	32	26000	9669	1/1/1900	A
MRM	32	26000	9592	1/1/1900	A
MRM	32	26000	9659	1/1/1900	A
MRM	32	26000	9665	1/1/1900	A
MRM	33	26000	9659	1/1/1900	A
MRM	33	26000	9669	1/1/1900	A
MRM	33	26000	9559	1/1/1900	A
MRM	33	26000	9658	1/1/1900	A
MRM	33	26000	9665	1/1/1900	A
MRM	33	26000	9580	1/1/1900	A
MRM	33	26000	9613	1/1/1900	A
MRM	33	26000	9634	1/1/1900	A
MRM	33	26000	9585	1/1/1900	A
MRM	33	26000	9621	1/1/1900	A
MRM	33	26000	9554	1/1/1900	A
MRM	33	26000	9573	1/1/1900	A
MRM	33	26000	9633	1/1/1900	A
MRM	33	26000	9576	1/1/1900	A
MRM	33	26000	9592	1/1/1900	A
MRM	37	26000	9572	1/1/1900	A
MRM	37	26000	9574	1/1/1900	A
MRM	37	26000	9576	1/1/1900	A
MRM	37	26000	9623	1/1/1900	A
MRM	37	26000	9669	1/1/1900	A
MRM	37	26000	9538	1/1/1900	A
MRM	37	26000	9554	1/1/1900	A
MRM	37	26000	9598	1/1/1900	A
MRM	37	26000	9612	1/1/1900	A
MRM	37	26000	9602	1/1/1900	A
MRM	37	26000	9666	1/1/1900	A
MRM	37	26000	9618	1/1/1900	A
MRM	37	26000	9739	2/7/2009	A
MRM	37	26000	9552	1/1/1900	A
MRM	37	26000	9603	1/1/1900	A
MRM	37	26000	9738	1/1/1900	A
MRM	37	26000	9559	1/1/1900	A
MRM	37	26000	9563	1/1/1900	A
MRM	37	26000	9630	1/1/1900	A
MRM	37	26000	9657	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	37	26000	9536	1/1/1900	A
MRM	37	26000	9561	1/1/1900	A
MRM	37	26000	9585	1/1/1900	A
MRM	37	26000	9613	1/1/1900	A
MRM	37	26000	9633	1/1/1900	A
MRM	37	26000	9581	1/1/1900	A
MRM	37	26000	9634	1/1/1900	A
MRM	38	26000	9612	1/1/1900	A
MRM	38	26000	9630	1/1/1900	A
MRM	38	26000	9657	1/1/1900	A
MRM	38	26000	9538	1/1/1900	A
MRM	38	26000	9623	1/1/1900	A
MRM	38	26000	9536	1/1/1900	A
MRM	38	26000	9552	1/1/1900	A
MRM	38	26000	9563	1/1/1900	A
MRM	38	26000	9602	1/1/1900	A
MRM	38	26000	9738	1/1/1900	A
MRM	38	26000	9581	1/1/1900	A
MRM	38	26000	9618	1/1/1900	A
MRM	38	26000	9554	1/1/1900	A
MRM	38	26000	9572	1/1/1900	A
MRM	38	26000	9669	1/1/1900	A
MRM	38	26000	9739	2/7/2009	A
MRM	38	26000	9561	1/1/1900	A
MRM	38	26000	9574	1/1/1900	A
MRM	38	26000	9576	1/1/1900	A
MRM	38	26000	9585	1/1/1900	A
MRM	38	26000	9603	1/1/1900	A
MRM	38	26000	9613	1/1/1900	A
MRM	38	26000	9633	1/1/1900	A
MRM	38	26000	9634	1/1/1900	A
MRM	38	26000	9559	1/1/1900	A
MRM	38	26000	9598	1/1/1900	A
MRM	38	26000	9666	1/1/1900	A
MRM	39	26000	9666	1/1/1900	A
MRM	39	26000	9565	1/1/1900	A
MRM	39	26000	9598	1/1/1900	A
MRM	39	26000	9603	1/1/1900	A
MRM	39	26000	9630	1/1/1900	A
MRM	39	26000	9554	1/1/1900	A
MRM	39	26000	9559	1/1/1900	A
MRM	39	26000	9585	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	39	26000	9623	1/1/1900	A
MRM	39	26000	9655	1/1/1900	A
MRM	39	26000	9668	1/1/1900	A
MRM	39	26000	9601	1/1/1900	A
MRM	39	26000	9575	1/1/1900	A
MRM	39	26000	9602	1/1/1900	A
MRM	39	26000	9618	1/1/1900	A
MRM	39	26000	9656	1/1/1900	A
MRM	40	26000	9581	1/1/1900	A
MRM	40	26000	9612	1/1/1900	I
MRM	40	26000	9538	1/1/1900	A
MRM	40	26000	9552	1/1/1900	I
MRM	40	26000	9554	1/1/1900	A
MRM	40	26000	9572	1/1/1900	A
MRM	40	26000	9585	1/1/1900	A
MRM	40	26000	9666	1/1/1900	A
MRM	40	26000	9616	1/1/1900	A
MRM	40	26000	9738	1/1/1900	A
MRM	40	26000	9598	1/1/1900	A
MRM	40	26000	9630	1/1/1900	A
MRM	40	26000	9563	1/1/1900	A
MRM	40	26000	9613	1/1/1900	A
MRM	40	26000	9623	1/1/1900	A
MRM	40	26000	9656	1/1/1900	A
MRM	40	26000	9536	1/1/1900	A
MRM	40	26000	9559	1/1/1900	A
MRM	40	26000	9618	1/1/1900	A
MRM	40	26000	9655	1/1/1900	A
MRM	40	26000	9668	1/1/1900	A
MRM	40	26000	9739	2/7/2009	A
MRM	40	26000	9574	1/1/1900	A
MRM	40	26000	9576	1/1/1900	A
MRM	40	26000	9661	1/1/1900	A
MRM	41	26000	9602	1/1/1900	A
MRM	41	26000	9612	1/1/1900	A
MRM	41	26000	9575	1/1/1900	A
MRM	41	26000	9738	1/1/1900	A
MRM	41	26000	9581	10/9/2003	A
MRM	41	26000	9634	1/1/1900	A
MRM	41	26000	9559	1/1/1900	A
MRM	41	26000	9618	1/1/1900	A
MRM	41	26000	9623	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	41	26000	9666	1/1/1900	A
MRM	41	26000	9585	1/1/1900	A
MRM	41	26000	9633	1/1/1900	A
MRM	41	26000	9670	1/1/1900	A
MRM	41	26000	9552	1/1/1900	A
MRM	41	26000	9554	1/1/1900	A
MRM	41	26000	9565	1/1/1900	A
MRM	41	26000	9598	1/1/1900	A
MRM	41	26000	9601	1/1/1900	A
MRM	41	26000	9603	1/1/1900	A
MRM	41	26000	9613	1/1/1900	A
MRM	41	26000	9630	1/1/1900	A
MRM	41	26000	9560	1/1/1900	A
MRM	41	26000	9669	1/1/1900	A
MRM	42	26000	9634	1/1/1900	A
MRM	42	26000	9554	1/1/1900	A
MRM	42	26000	9563	1/1/1900	A
MRM	42	26000	9658	1/1/1900	A
MRM	42	26000	9659	1/1/1900	A
MRM	42	26000	9559	1/1/1900	A
MRM	42	26000	9581	10/9/2003	A
MRM	42	26000	9623	1/1/1900	A
MRM	42	26000	9576	1/1/1900	A
MRM	42	26000	9633	1/1/1900	A
MRM	42	26000	9661	1/1/1900	A
MRM	42	26000	9573	1/1/1900	A
MRM	42	26000	9618	1/1/1900	A
MRM	42	26000	9585	1/1/1900	A
MRM	42	26000	9630	1/1/1900	A
MRM	42	26000	9552	1/1/1900	A
MRM	42	26000	9616	1/1/1900	A
MRM	42	26000	9666	1/1/1900	A
MRM	42	26000	9669	1/1/1900	A
MRM	43	26000	9536	1/1/1900	A
MRM	43	26000	9560	1/1/1900	A
MRM	43	26000	9602	1/1/1900	A
MRM	43	26000	9638	1/1/1900	A
MRM	43	26000	9657	1/1/1900	A
MRM	43	26000	9637	1/1/1900	A
MRM	43	26000	9656	1/1/1900	A
MRM	43	26000	9670	1/1/1900	A
MRM	43	26000	9572	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	43	26000	9603	1/1/1900	A
MRM	43	26000	9610	1/1/1900	A
MRM	43	26000	9618	1/1/1900	A
MRM	43	26000	9630	1/1/1900	A
MRM	43	26000	9661	1/1/1900	A
MRM	43	26000	9666	1/1/1900	A
MRM	43	26000	9668	1/1/1900	A
MRM	43	26000	9561	1/1/1900	A
MRM	43	26000	9581	1/1/1900	A
MRM	43	26000	9585	1/1/1900	A
MRM	43	26000	9598	1/1/1900	A
MRM	43	26000	9655	1/1/1900	A
MRM	43	26000	9674	1/1/1900	A
MRM	43	26000	9552	1/1/1900	A
MRM	43	26000	9563	1/1/1900	A
MRM	43	26000	9576	1/1/1900	A
MRM	43	26000	9609	1/1/1900	A
MRM	43	26000	9623	1/1/1900	A
MRM	43	26000	9636	1/1/1900	A
MRM	43	26000	9538	1/1/1900	A
MRM	43	26000	9574	1/1/1900	A
MRM	43	26000	9613	1/1/1900	A
MRM	43	26000	9738	1/1/1900	A
MRM	43	26000	9554	1/1/1900	A
MRM	43	26000	9559	1/1/1900	A
MRM	43	26000	9612	1/1/1900	A
MRM	43	26000	9616	1/1/1900	A
MRM	43	26000	9641	1/1/1900	A
MRM	44	26000	9560	1/1/1900	A
MRM	44	26000	9633	1/1/1900	A
MRM	44	26000	9738	1/1/1900	A
MRM	44	26000	9559	1/1/1900	A
MRM	44	26000	9603	1/1/1900	A
MRM	44	26000	9613	1/1/1900	A
MRM	44	26000	9602	1/1/1900	A
MRM	44	26000	9666	1/1/1900	A
MRM	44	26000	9669	1/1/1900	A
MRM	44	26000	9565	1/1/1900	A
MRM	44	26000	9585	1/1/1900	A
MRM	44	26000	9598	1/1/1900	A
MRM	44	26000	9630	1/1/1900	A
MRM	44	26000	9634	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	44	26000	9673	1/1/1900	A
MRM	44	26000	9575	1/1/1900	A
MRM	44	26000	9674	1/1/1900	A
MRM	44	26000	9601	1/1/1900	A
MRM	44	26000	9612	1/1/1900	A
MRM	44	26000	9670	1/1/1900	A
MRM	44	26000	9552	1/1/1900	A
MRM	44	26000	9554	1/1/1900	A
MRM	44	26000	9581	1/1/1900	A
MRM	44	26000	9618	1/1/1900	A
MRM	44	26000	9623	1/1/1900	A
MRM	45	26000	9575	1/1/1900	A
MRM	45	26000	9623	1/1/1900	A
MRM	45	26000	9633	1/1/1900	A
MRM	45	26000	9634	1/1/1900	A
MRM	45	26000	9738	1/1/1900	A
MRM	45	26000	9618	1/1/1900	A
MRM	45	26000	9674	1/1/1900	A
MRM	45	26000	9560	1/1/1900	A
MRM	45	26000	9676	1/1/1900	A
MRM	45	26000	9602	1/1/1900	A
MRM	45	26000	9612	1/1/1900	A
MRM	45	26000	9552	1/1/1900	A
MRM	45	26000	9581	1/1/1900	A
MRM	45	26000	9585	1/1/1900	A
MRM	45	26000	9669	1/1/1900	A
MRM	45	26000	9670	1/1/1900	A
MRM	45	26000	9554	1/1/1900	A
MRM	45	26000	9565	1/1/1900	A
MRM	45	26000	9613	1/1/1900	A
MRM	45	26000	9666	1/1/1900	A
MRM	45	26000	9673	1/1/1900	A
MRM	45	26000	9559	1/1/1900	A
MRM	45	26000	9598	1/1/1900	A
MRM	45	26000	9601	1/1/1900	A
MRM	45	26000	9603	1/1/1900	A
MRM	45	26000	9630	1/1/1900	A
MRM	46	26000	9563	1/1/1900	A
MRM	46	26000	9610	1/1/1900	A
MRM	46	26000	9637	1/1/1900	A
MRM	46	26000	9670	1/1/1900	A
MRM	46	26000	9536	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	46	26000	9572	1/1/1900	A
MRM	46	26000	9576	1/1/1900	A
MRM	46	26000	9585	1/1/1900	A
MRM	46	26000	9603	1/1/1900	A
MRM	46	26000	9626	1/1/1900	A
MRM	46	26000	9630	1/1/1900	A
MRM	46	26000	9657	1/1/1900	A
MRM	46	26000	9673	1/1/1900	A
MRM	46	26000	9538	1/1/1900	A
MRM	46	26000	9609	1/1/1900	A
MRM	46	26000	9612	1/1/1900	A
MRM	46	26000	9616	1/1/1900	A
MRM	46	26000	9636	1/1/1900	A
MRM	46	26000	9738	1/1/1900	A
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MRM	46	26000	9656	1/1/1900	A
MRM	46	26000	9552	1/1/1900	A
MRM	46	26000	9561	1/1/1900	A
MRM	46	26000	9598	1/1/1900	A
MRM	46	26000	9666	1/1/1900	A
MRM	46	26000	9560	1/1/1900	A
MRM	46	26000	9581	1/1/1900	A
MRM	46	26000	9623	1/1/1900	A
MRM	46	26000	9638	1/1/1900	A
MRM	46	26000	9559	1/1/1900	A
MRM	46	26000	9574	1/1/1900	A
MRM	46	26000	9602	1/1/1900	A
MRM	46	26000	9618	1/1/1900	A
MRM	46	26000	9641	1/1/1900	A
MRM	46	26000	9554	1/1/1900	A
MRM	46	26000	9661	1/1/1900	A
MRM	46	26000	9668	1/1/1900	A
MRM	46	26000	9674	1/1/1900	A
MRM	46	26000	9676	1/1/1900	A
MRM	47	26000	9565	1/1/1900	A
MRM	47	26000	9585	1/1/1900	A
MRM	47	26000	9602	1/1/1900	A
MRM	47	26000	9612	1/1/1900	A
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MRM	47	26000	9633	1/1/1900	A
MRM	47	26000	9601	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
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MRM	47	26000	9598	1/1/1900	A
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MRM	47	26000	9559	1/1/1900	A
MRM	47	26000	9613	1/1/1900	A
MRM	47	26000	9674	1/1/1900	A
MRM	47	26000	9575	1/1/1900	A
MRM	47	26000	9738	1/1/1900	A
MRM	47	26000	9560	1/1/1900	A
MRM	47	26000	9603	1/1/1900	A
MRM	47	26000	9634	1/1/1900	A
MRM	47	26000	9669	1/1/1900	A
MRM	47	26000	9618	1/1/1900	A
MRM	47	26000	9666	1/1/1900	A
MRM	47	26000	9677	1/1/1900	A
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MRM	48	26000	9623	1/1/1900	A
MRM	48	26000	9559	1/1/1900	A
MRM	48	26000	9601	1/1/1900	A
MRM	48	26000	9738	1/1/1900	A
MRM	48	26000	9560	1/1/1900	A
MRM	48	26000	9565	1/1/1900	A
MRM	48	26000	9581	1/1/1900	A
MRM	48	26000	9602	1/1/1900	A
MRM	48	26000	9634	1/1/1900	A
MRM	48	26000	9603	1/1/1900	A
MRM	48	26000	9612	1/1/1900	A
MRM	48	26000	9613	1/1/1900	A
MRM	48	26000	9669	1/1/1900	A
MRM	48	26000	9670	1/1/1900	A
MRM	48	26000	9674	1/1/1900	A
MRM	48	26000	9666	1/1/1900	A
MRM	48	26000	9575	1/1/1900	A
MRM	48	26000	9630	1/1/1900	A
MRM	48	26000	9633	1/1/1900	A
MRM	48	26000	9552	1/1/1900	A
MRM	48	26000	9554	1/1/1900	A
MRM	48	26000	9598	1/1/1900	A
MRM	48	26000	9618	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
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MRM	49	26000	9565	1/1/1900	A
MRM	49	26000	9585	1/1/1900	A
MRM	49	26000	9613	1/1/1900	A
MRM	49	26000	9618	1/1/1900	A
MRM	49	26000	9552	1/1/1900	A
MRM	49	26000	9601	1/1/1900	A
MRM	49	26000	9612	1/1/1900	A
MRM	49	26000	9670	1/1/1900	A
MRM	49	26000	9575	1/1/1900	A
MRM	49	26000	9598	1/1/1900	A
MRM	49	26000	9623	1/1/1900	A
MRM	49	26000	9633	1/1/1900	A
MRM	49	26000	9634	1/1/1900	A
MRM	49	26000	9738	1/1/1900	A
MRM	49	26000	9602	1/1/1900	A
MRM	49	26000	9554	1/1/1900	A
MRM	49	26000	9581	1/1/1900	A
MRM	49	26000	9630	1/1/1900	A
MRM	49	26000	9674	1/1/1900	A
MRM	49	26000	9560	1/1/1900	A
MRM	49	26000	9666	1/1/1900	A
MRM	49	26000	9603	1/1/1900	A
MRM	49	26000	9669	1/1/1900	A
MRM	50	26000	9554	1/1/1900	A
MRM	50	26000	9576	1/1/1900	A
MRM	50	26000	9621	1/1/1900	A
MRM	50	26000	9551	1/1/1900	A
MRM	50	26000	9658	1/1/1900	A
MRM	50	26000	9669	1/1/1900	A
MRM	50	26000	9559	1/1/1900	A
MRM	50	26000	9572	1/1/1900	A
MRM	50	26000	9634	1/1/1900	A
MRM	50	26000	9580	1/1/1900	A
MRM	50	26000	9574	1/1/1900	A
MRM	50	26000	9581	10/9/2003	A
MRM	50	26000	9585	1/1/1900	A
MRM	50	26000	9665	1/1/1900	A
MRM	50	26000	9633	1/1/1900	A
MRM	50	26000	9659	1/1/1900	A
MRM	51	26000	9554	1/1/1900	A
MRM	51	26000	9669	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
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MRM	51	26000	9634	1/1/1900	A
MRM	51	26000	9665	1/1/1900	A
MRM	51	26000	9551	1/1/1900	A
MRM	51	26000	9580	1/1/1900	A
MRM	51	26000	9585	1/1/1900	A
MRM	51	26000	9576	1/1/1900	A
MRM	51	26000	9581	10/9/2003	A
MRM	51	26000	9658	1/1/1900	A
MRM	51	26000	9633	1/1/1900	A
MRM	51	26000	9659	1/1/1900	A
MRM	51	26000	9559	1/1/1900	A
MRM	51	26000	9573	1/1/1900	A
MRM	52	26000	9576	1/1/1900	A
MRM	52	26000	9585	1/1/1900	A
MRM	52	26000	9593	1/1/1900	A
MRM	52	26000	9658	1/1/1900	A
MRM	52	26000	9669	1/1/1900	A
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MRM	52	26000	9621	1/1/1900	A
MRM	52	26000	9629	1/1/1900	A
MRM	52	26000	9634	1/1/1900	A
MRM	52	26000	9559	1/1/1900	A
MRM	52	26000	9633	1/1/1900	A
MRM	52	26000	9665	1/1/1900	A
MRM	52	26000	9580	1/1/1900	A
MRM	52	26000	9630	1/1/1900	A
MRM	52	26000	9573	1/1/1900	A
MRM	52	26000	9659	1/1/1900	A
MRM	53	26000	9572	1/1/1900	A
MRM	53	26000	9585	1/1/1900	A
MRM	53	26000	9618	1/1/1900	A
MRM	53	26000	9659	1/1/1900	A
MRM	53	26000	9538	1/1/1900	A
MRM	53	26000	9563	1/1/1900	A
MRM	53	26000	9666	1/1/1900	A
MRM	53	26000	9738	1/1/1900	A
MRM	53	26000	9612	1/1/1900	A
MRM	53	26000	9623	1/1/1900	A
MRM	53	26000	9634	1/1/1900	A
MRM	53	26000	9739	2/7/2009	A
MRM	53	26000	9574	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	53	26000	9560	1/1/1900	A
MRM	53	26000	9576	1/1/1900	A
MRM	53	26000	9598	1/1/1900	A
MRM	53	26000	9669	1/1/1900	A
MRM	53	26000	9670	1/1/1900	A
MRM	53	26000	9559	1/1/1900	A
MRM	53	26000	9581	1/1/1900	A
MRM	53	26000	9630	1/1/1900	A
MRM	53	26000	9536	1/1/1900	A
MRM	53	26000	9561	1/1/1900	A
MRM	53	26000	9554	1/1/1900	A
MRM	53	26000	9633	1/1/1900	A
MRM	54	26000	9538	1/1/1900	A
MRM	54	26000	9559	1/1/1900	A
MRM	54	26000	9561	1/1/1900	A
MRM	54	26000	9576	1/1/1900	A
MRM	54	26000	9585	1/1/1900	A
MRM	54	26000	9633	1/1/1900	A
MRM	54	26000	9634	1/1/1900	A
MRM	54	26000	9612	1/1/1900	A
MRM	54	26000	9560	1/1/1900	A
MRM	54	26000	9669	1/1/1900	A
MRM	54	26000	9598	1/1/1900	A
MRM	54	26000	9630	1/1/1900	A
MRM	54	26000	9536	1/1/1900	A
MRM	54	26000	9618	1/1/1900	A
MRM	54	26000	9623	1/1/1900	A
MRM	54	26000	9670	1/1/1900	A
MRM	54	26000	9572	1/1/1900	A
MRM	54	26000	9666	1/1/1900	A
MRM	54	26000	9659	1/1/1900	A
MRM	54	26000	9738	1/1/1900	A
MRM	54	26000	9739	2/7/2009	A
MRM	54	26000	9554	1/1/1900	A
MRM	54	26000	9563	1/1/1900	A
MRM	54	26000	9574	1/1/1900	A
MRM	54	26000	9581	1/1/1900	A
MRM	55	26000	9552	1/1/1900	A
MRM	55	26000	9554	1/1/1900	A
MRM	55	26000	9575	1/1/1900	A
MRM	55	26000	9612	1/1/1900	A
MRM	55	26000	9630	1/1/1900	A

SetID	Trans Code	Set	Msg	Eff Date	Status
MRM	55	26000	9560	1/1/1900	A
MRM	55	26000	9601	1/1/1900	A
MRM	55	26000	9623	1/1/1900	A
MRM	55	26000	9666	1/1/1900	A
MRM	55	26000	9634	1/1/1900	A
MRM	55	26000	9633	1/1/1900	A
MRM	55	26000	9673	1/1/1900	A
MRM	55	26000	9674	1/1/1900	A
MRM	55	26000	9670	1/1/1900	A
MRM	55	26000	9559	1/1/1900	A
MRM	55	26000	9581	1/1/1900	A
MRM	55	26000	9598	1/1/1900	A
MRM	55	26000	9602	1/1/1900	A
MRM	55	26000	9613	1/1/1900	A
MRM	55	26000	9675	1/1/1900	A
MRM	55	26000	9565	1/1/1900	A
MRM	55	26000	9585	1/1/1900	A
MRM	55	26000	9603	1/1/1900	A
MRM	55	26000	9618	1/1/1900	A
MRM	55	26000	9669	1/1/1900	A

DATA ELEMENTS
BY
TRANSACTION CODE

Office of Natural Resources Revenue
Form 2014
Data Elements by Transaction Code

Transaction Code	ONRR Lease No.	API Well No.	ONRR Agreement No.	Product Code	Sales Type Code	Sales Mo/Yr	Adjustment Reason	Sales Volume	Gas MMBtu	Sales Value	Royalty Value Prior to Allowance	Transport. Allowance Deduct	Processing Allowance Deduct	Royalty Value Less Allowance	Payment Method Code
01 Royalty Due	X	E	A	X	X	X	O	X	M	X	O	(B)	(B)	X	X
02 Minimum Royalty Payment	X					X	O				O			X	X
03 Estimated Royalty Payment	X					X	O				O			X	X
04 Rental Payment	X					X	O				O			X	X
05 Advance Rental Credit	X					X	O				O			X	X
06 Royalty In Kind Transaction - No Cash Payment to ONRR	X	E	A	X	O	X	O	X	M	X	O			X	X
07 ONRR Settlement Agreement	X					X					O			X	X
08 Royalty In Kind Reserved for Future Use	X	E	A	X	X	X	O	X	M	X	O	(B)	(B)	X	X
10 Compensatory Royalty Payment	X		A	X	O	X	O	X	M	X	O	(B)	(B)	X	X
11 Transportation Allowance	X	E	A	X	X	X	O					(B)		X	X
12 Tax Credit	X	E	A	X	X	X	O				O			(X)	X
13 RIK Quality Bank and Gravity Bank Adjustment	X	E	A	X	X	X	O				O			X	X
14 Tax Reimbursement Payment	X	E	A	X	X	X	O				O			X	X
15 Processing Allowance	X	E	A	X	X	X	O						(B)	(X)	X
16 Well Fees	X					X	O				O			X	X
17 Gas Storage Agreement - Flat Fee	X					X	O				O			X	X
18 Gas Storage Agreement - Injection Fee	X					X	O	X			O			X	X

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Transaction Code	ONRR Lease No.	API Well No.	ONRR Agreement No.	Product Code	Sales Type Code	Sales Mo/Yr	Adjustment Reason	Sales Volume	Gas MMBtu	Sales Value	Royalty Value Prior to Allowance	Transport. Allowance Deduct	Processing Allowance Deduct	Royalty Value Less Allowance	Payment Method Code
19 Gas Storage Agreement – Withdrawal Fee	X					X	O	X			O			X	X
20 No Sales (Solids only)	X	E	A	X	X	X	O								X
21 Interest Amount Due ONRR	X					X	O				O			X	X
22 Interest Amount owed to payor	X					X	O				(O)			(X)	X
25 Recoup Advance Rental Credit	X					X	O				(O)			(X)	X
31 Contract Settlement Payment	X	E	A	X	O	X	O	X	M	X	O			X	X
32 Advance Royalty (Solids Coal Leases Only)	X					X					O			X	X
33 Recoup Advance Royalty (Solids Only)	X					X					(O)			(X)	X
37 Royalties Due In Lieu of Severance Tax	X	E	A	X	O	X	O	X	M	X	O			X	X
38 Additional Royalties Due for OCSLA, Section 6(a)(9) Leases	X	E	A	X	O	X	O	X	M	X	O			X	X
39 Net Profit Share – Unprofitable	X	E	A	X	O	X	O	X	M	X	O	(B)	(B)	X*	X
40 Net Profit Share – Profitable	X	E	A	X	O	X	O	X	M	X	O	(B)	(B)	X	X
41 Offshore Deep Water Royalty Relief	X	E	A	X	X	X	O	X	M	X					X
42 Net Revenue Share Lease, Allotment for Operating Costs	X	E	A	X	O	X	O			(X)	(O)			(X)	X
43 EPA Sec 343 – Marginal Property Royalty Relief (RRR)	X	E	A	X	X	X	O	X	M	X	O			X	X

Office of Natural Resources Revenue
Form 2014
Data Elements by Transaction Code

Transaction Code	ONRR Lease No.	API Well No.	ONRR Agreement No.	Product Code	Sales Type Code	Sales Mo/Yr	Adjustment Reason	Sales Volume	Gas MMBtu	Sales Value	Royalty Value Prior to Allowance	Transport. Allowance Deduct	Processing Allowance Deduct	Royalty Value Less Allowance	Payment Method Code
44 EPA DWRRA and EPA Sec 344 Shallow Water Deep Gas Royalty Relief	X	E	A	X	X	X	O	X	M	X					X
45 EPA Sec 346 - Alaska Offshore Royalty Relief (SV)	X	E	A	X	X	X	O	X	M	X					X
46 EPA Sec 346 - Alaska Offshore Royalty Relief (RRR)	X	E	A	X	X	X	O	X	M	X	O			X	X
47 EPA Sec 353 - Gas Hydrate Royalty Relief	X	E	A	X	X	X	O	X	M	X					X
48 EPA Sec 354 - Carbon Dioxide Injection Royalty Relief	X	E	A	X	X	X	O	X	M	X					X
49 EPA Sec 343 - Marginal Property Royalty Relief (SV)	X	E	A	X	X	X	O	X	M	X					X
50 Indian Recoupable Balance	X					X	O				O			X	X
51 Indian Recoupment Taken	X					X	O				(O)			(X)	X
52 Recoup Minimum Royl Paid In Advance (Solids and Certain Navajo Leases)	X					X	O				(O)			(X)	X
53 Effluent injection reimbursement (Geothermal)	X	E	A	X	X	X	O	X		X	O			X	X
54 Geothermal Field Operations Reimbursement	X	E	A	X	X	X	O	X		X	O			X	X
55 - DWRRA and EPA Sec 345 - Deep Water Royalty Relief	X		A	X	X	X	O	X	M	X					X

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Form 2014
Data Elements by Transaction Code

Transaction Code	ONRR Lease No.	API Well No.	ONRR Agreement No.	Product Code	Sales Type Code	Sales Mo/Yr	Adjustment Reason	Sales Volume	Gas MMBtu	Sales Value	Royalty Value Prior to Allowances	Transport. Allowance Deduction	Processing Allowance Deduction	Royalty Value Less Allowances	Payment Method Code
60 Strategic Petroleum Reserve	X	E	A	X	X	X	O	X							X
C1 EPA Sec 383 - 100% Federal Credit Burden	X				X	X	O							(X)	X
C2 EPA Section 349 - State/County Share Credit Burden	X				X	X	O							(X)	X
C3 EPA Section 224 - State Geothermal Credit Burden	X				X	X	O							(X)	X
C4 EPA Section 224 - County Geothermal Credit Burden					X		O							(X)	X

X - Required
 B - Required if Reporting a deduction from Royalty Due
 A - Required if Reporting Production Attributable to an Agreement
 M - Required Only on Gas Product Codes 03, 04, 12, 15, 16, & 39
 * - TC 39 Requires a "Royalty Value Less Allowances" If Allowances are taken. If No Allowance is taken "Royalty Value Less Allowances" will be Blank.

E - Report only if Required on Indian Lands and Offshore Deep Water Wells under Royalty Relief
 O - Optional
 () - Must be negative when adjustment reason code is blank

FOR FURTHER INFORMATION ON ANY OF THE ABOVE FIELDS OR TRANSACTION CODES PLEASE REFER TO THE MINERALS REVENUE REPORTER HANDBOOK - OIL, GAS, AND GEO