Chapter 5

Interest for Federal and Indian Oil and Gas Leases

Introduction

Each month, the Office of Natural Resources Revenue (ONRR) Interest Exception Processing module assesses late payment interest for late paid receivables (royalties, rents, minimum royalties, invoices, etc.). Beginning in October of 2014, ONRR began calculating interest using a new methodology — Running Balance Method. We believe this method better reflects the time value of money and is supported by a decision from our Solicitor.

5.1 Interest Liability

We will assess interest for late payments received after the due date for Federal and Indian leases. We will also make assessments for insufficient estimate reporting, where the royalties reported exceed the current estimate balance for Federal and Indian leases. Interest is calculated using the published IRS corporate interest rate compounded daily for Federal oil and gas, and Indian oil and gas leases.

Effective January 2, 2000, for Indian leases located in non-index zones, late payment interest on any major portion true-up reporting will not begin to accrue until the published major portion true-up date.

5.2 Avoiding Late Payment Interest

To avoid late payment interest on royalties, rents, minimum royalty, advance royalty, deferred bonus transactions, and other monies due the Federal government or Indians, you must submit and pay timely, royalty documents, invoices, and other receivables requiring payment to ONRR.

NOTE

Current late payment interest rates are updated quarterly on the ONRR website at http://onrr.gov/ReportPay/interest.htm.

5.3 Interest and Estimates

An estimate gives you an additional month to report and pay your actual royalties. The estimate can help reduce late payment interest charges. If sales data is not received timely to report to ONRR, an estimate will allow additional time to report without incurring interest charges. The estimate is set up at the lease level, and not by product code.

Insufficient Estimate Interest (Federal and Indian Oil and Gas)

You owe interest for insufficient estimates if actual royalties reported during the extended estimate period exceed the estimate you previously submitted for the lease. We define the extended estimate period as the time the due date is extended for a sales month, because of an estimate. For example, for the sales month of January 2017, royalties were due on February 28, 2017. If you previously had reported an estimate, the extended due date is March 31, 2017. The extended estimate period is one calendar month, in this case the month of March 2017.

We calculate insufficient estimate interest only on the insufficient portion for the number of days you actually use in the extended estimate period (the number of days in the extended estimate period or fewer if you report before the end of the extended estimate period). For example, suppose you have an estimate of \$100 on a lease for sales month January 2017. On March 20, 2017, you report royalties of \$300. You would owe insufficient estimate interest on \$200 (\$300 reported less \$100 estimate) for 20 days (March 1, 2017 through March 20, 2017 — the time used in the extended period).

NOTE

To get the benefit of the estimate, you must report within the extended period for both Federal and Indian leases. Reporting outside the estimate period does not get the benefit of the estimate.

EXAMPLE

This example shows how to calculate insufficient estimate interest based on the scenario just explained.

Assumptions:

You established an estimate for a lease for the January 2017 sales month.

Sales month 01/2017Due date without an estimate 02/28/2017Due date with an estimate 03/31/2017

Extended estimate period 03/01/2017 to 03/31/2017

Estimate amount filed \$100

Royalty amount reported and paid \$300

Estimate insufficiency <\$200>

If royalties are reported and paid you pay 20 days' insufficient estimate

on 03/20/2017, interest on \$200.

If royalties are reported and paid you pay 31 days' insufficient estimate

on 03/31/2017, interest on \$200.

If royalties are reported and paid you pay 47 days' late payment interest on

on 04/14/2017, \$300.

Note: Reporting on April 14, 2017, is after the extended period and does

not get the benefit of the estimate.

To avoid or minimize insufficient interest assessments:

• Establish an estimate equal to the highest historical sales for the lease, or

• Establish a lesser estimate that can be timely adjusted when you anticipate sales might exceed the estimate.

If you have an excessive estimate balance, you need to adjust those balances to reflect current production. If you are no longer paying on a lease that has an estimate balance, you should either move the estimate balance to another lease or reduce the estimate balance by taking a credit. You may also request a refund if you will no longer be reporting on the lease. If you have questions about your estimate balances, please contact your Royalty Reporting Error Correction Representative at the following web address:

http://onrr.gov/ReportPay/PDFDocs/royassign.pdf

Interest and Adjustment Reason Code 35 (ARC 35)

Late payment interest charges will not be assessed due to the formation, expansion, contraction, or termination of a Unit or Communization Agreement so long as retroactive royalties owed are received, by ONRR, by the end of the month following the month of approval by BLM, BIA, or BSEE.

You may use ARC 35 **one time** per the event referenced above.

Interest will be calculated from the end of the next month following the approval date of the letter from BLM, BIA, or BSEE if not reported/paid timely.

5.5 What Is the Running Balance Method

Effective October 2014, ONRR implemented a new interest billing module. This module calculates interest using a netting methodology for all reporting for a lease on the same royalty document or Form ONRR-2014. This is basically the Running Balance Method (RBM) and it only comes into play when multiple sales months are reported for a lease on the same Form ONRR-2014. Previously, interest was calculated from the royalty due date to the payment date for each sales month. Under the RBM, interest is calculated from the royalty due date to the next transaction for the lease (when multiple sales months are reported). ONRR believes this is a more efficient process and better represents the concept of interest equaling the time value of money. Interest invoices will still have three supporting reports: the Interest Schedule, the Estimate Detail Report, and the Late Payment Allocation Report (see Figures 5-1 through 5-5).

NOTE

Insufficient estimate calculations were not changed by the new Running Balance Method of calculating interest.

EXAMPLE

Assumptions:

ONRR received a Form ONRR-2014 on February 29, 2020, containing one lease.

Sales Month	Due Date	Royalties Reported
07/2018	08/31/2018	\$1,200.00
09/2018	10/31/2018	(\$900.00)
09/2019	10/31/2019	(\$2,000.00)
10/2019	11/30/2019	\$2,000.00

Net balance of all royalties reported on Form ONNR-2014 received on 02/29/2020 is \$300.00.

5 Interest for Federal and Indian Oil and Gas Leases

Old Method Interest Sales Royalty Amount Reported Month **Due Date** Due **Interest Calculation Period** 07/2018 \$99.77 Interest due 08/31/2018 to 02/29/2020 08/31/2018 \$1,200.00 (\$900.00)\$0.00 No Interest due 09/2018 10/31/2018 09/2019 10/31/2019 (\$2,000.00)\$0.00 No Interest due 10/2019 11/30/2019 \$2,000.00 \$25.04 Interest due 11/30/2019 to

Net balance of all royalties reported on Form ONRR-2014 received on 02/29/2020 is \$300.00.

Total Interest Due

Running Balance - New Method

\$124.81

02/29/2020

Sales		Royalty		Interest Amount	Interest Calculation
Month	Due Date	Reported	New Balance	Due	Period
07/2018	08/31/2018	\$1,200.00	\$1,200.00	\$10.07	Interest due 08/31/2018 to 10/31/2018
09/2018	10/31/2018	(\$900.00)	\$300.00	\$17.52	Interest due 10/31/2018 to 10/31/2019
09/2019	10/31/2019	(\$2,000.00)	(\$1,700.00)	\$0.00	Interest due 10/31/2019 to 11/30/2019
10/2019	11/30/2019	\$2,000.00	\$300.00	<u>\$4.10</u>	Interest due 11/30/2019 to 02/29/2020
		Tota	al Interest Due	\$31.69	

Net balance of all royalties reported on Form ONRR-2014 received on 02/29/2020 is \$300.00.

5.6 **Calculating Interest**

For interest you owe ONRR, calculate that interest from the due date of the sales month you are adjusting to the date we receive your payment.

Interest is compounded daily. The interest rate table is updated quarterly on our website at ONRR.gov. Your current representative's contact information is available on our website:

Federal contacts: http://onrr.gov/ReportPay/PDFDocs/finserAssign.pdf
Indian contacts: http://onrr.gov/ReportPay/PDFDocs/FSIndianCoAssign.pdf

We use the following formula to calculate interest:

$$I = A \left[1 + \frac{R}{N} \right] n - 1$$

I = Interest amount

A = Assessment amount

R = Interest rate in decimal form

N = Number of days in the year (365 or 366)

n = Number of days in the period (n is an exponent)

You can use this formula in a spreadsheet program, such as Excel, to calculate the interest you owe us.

Instructions on rounding and how to account for a time period containing changes in the interest rate are located on the ONRR.gov website at http://onrr.gov/ReportPay/interest.htm.

Figure 5-1 Interest Invoice

U.S. Department of the Interior Office of Natural Resources Revenue

Please Remit To:

ONRR using Pay.gov or another type of Electronic Funds Transfer.

Page: Invoice No: Invoice Date: Customer Number: Due Date:

FED01 INT100101010 05/31/2019 44444 06/30/2019

INVOICE

Customer:

AMBER NADARKO PO BOX 123321 DENVER CO 80331-34567 TOTAL AMOUNT DUE:

132.70

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For hilling questions, please amail, TAKE CALLWETHER@ONDR COV

For billing questi	<u>ions, piease</u>						
Description		Line	Document ID	PAD Number	Sales Date	Receipt Date	AMOUNT DUE:
	MMS Lease N	No. Agency Lease)		Lease Name		
PLEASE	INCLUDE THE CO	USTOMER AND INVOIC	E NUMBERS ON YO	OUR ELECTRONIC	PAYMENT SUBMISSIO	I DATA.	
Interest on Estimate		1	ESTIMATE		01/2019	03/25/2019	6.06
	0540999990	OCS-G 99999					
Interest on Estimate		2	ESTIMATE		01/2019	03/25/2019	2.73
	0540909990	OCS-G 90999					
Interest on Royalty		3	ROY100000123	22198F31	09/2018	03/25/2019	1.90
	0540299990	OCS-G 29999					
Interest on Royalty		4	ROY100000123	22198F31	09/2018	03/25/2019	2.90
	0540399990	OCS-G 39999					
Interest on Royalty		5	ROY100000123	22198F31	09/2018	03/25/2019	118.07
	0540499990	OCS-G 49999					
Interest on Royalty		6	ROY100000123	22198F31	09/2018	03/25/2019	1.08
	0540599990	OCS-G 59999				•	

Figure 5-2 Interest Schedule

Report ID: ZEPRPT01					Office of I	epartment of th Natural Resour erest Schedule -	ces Revenue									Page No. 1 Run Date 0 Run Time 0	4/05/20:	19
Business Unit: FED01 Dist Code: 0 Bankruptcy Petition D	Customer: 44		AMBER NADARKO															
LINE DOCID	Lease No. 0540999990	Sale Dt 01/31/19	Roy/Bill Lease Amt \$ 6,944.65	Receipt Date Ent Rsn 03/25/19 INTES	Est Ind Y	Due Date 02/28/19	Payment Date 03/25/19	Payment Amount	Bali \$	ncipal ance 2,944.65	Asse \$	-,	Total for E		Days 25	Int. Rate 0.03	\$ 1 \$	6.06 6.06
2	0540909990	01/31/19	\$ 4,329.13	3/25/19 INTES	Y	02/28/19	03/25/19		\$	1,329.13	\$	1,329.13	02/28/19 Total for 8	03/25/19 Bill Line	25	0.03	2 \$	2.73 2.73
3 ROY100000125		09/30/18 10/31/18 11/30/18 12/31/18	\$ 460.21 \$ (785.27) \$ (371.72)	03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY	N N N	10/31/18 11/30/18 12/31/18 01/31/19	03/25/19		\$ \$ \$ \$	460.21 (325.06) (696.78) (968.40)	\$ \$	460.21 (325.06) (696.78) (968.40)	10/31/18 11/30/18 12/31/18 01/31/19 Total for E	11/30/18 12/31/18 01/31/19 03/31/19	30 0 0	0.05 0.00 0.00 0.00		1.90 0.00 0.00 0.00 1.90
4 ROY100000125	3 0540399990	09/30/18 10/31/18 11/30/18 12/31/18	\$ 703.75 \$ (1,200.82) \$ (568.45) \$ (415.35) \$ (1,480.87)	03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY	N N N	10/31/18 11/30/18 12/31/18 01/31/19	03/25/19		\$ \$ \$	703.75 (497.07) (1,065.52) (1,480.87)	\$	703.75 (497.07) (1,065.52)	10/31/18 11/30/18 12/31/18 01/31/19 Total for E	11/30/18 12/31/18 01/31/19 03/31/19	30 0 0	0.05 0.00 0.00 0.00	\$ 4 <u>\$</u>	2.90 0.00 0.00 0.00 2.90
5 ROY10000012	3 0540499990	09/30/18 10/31/18 11/30/18 12/31/18	\$ 1,703.98 \$ 3,108.56 \$ 2,667.51 \$ 2,624.62 \$ 10,104.67	03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY	N N N	10/31/18 11/30/18 12/31/18 01/31/19	03/25/19 03/31/16	\$ 7,784.19 \$ 2,320.48	\$ \$ \$ \$	1,703.98 4,812.54 7,480.05 10,104.67 2,320.48	\$ \$ \$ \$	1,703.98 4,819.56 7,507.58 10,170.55 2,475.35	10/31/18 11/30/18 12/31/18 01/31/19 03/25/19 Total for 8	11/30/18 12/31/18 01/31/19 03/25/19 03/31/19 Bill Line	30 31 31 53 6 0	0.05 0.05 0.06 0.06 0.06 0.06	\$ \$ \$ \$ \$	7.02 20.51 38.35 88.99 2.44 -
6 ROY10000012	3 0540599990 0540599990 0540599990 0540599990	09/30/18 10/31/18 11/30/18 12/31/18	\$ 252.42 \$ (430.70) \$ (203.87) \$ (148.98) \$ (531.13)	03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY 03/25/19 LPROY	N N N	10/31/18 11/30/18 12/31/18 01/31/18					\$ \$ \$	252.42 (178.28) (382.15) (531.13)	10/31/18 11/30/18 12/31/18 01/31/19 Total for 8	11/30/18 12/31/18 01/31/19 03/31/19	30 0 0 0	0.05 0.05 0.06 0.06		1.04 0.00 0.00 0.00 1.04
			\$ 7,124.27						••••		Tota	l of all Negati I of all Negati I of all Negati	ve Bill Lines f	or Invoice I	NT1001	01010		0 124.27 124.27

Figure 5-3 Estimate Exception Bill Details

							rtment of the 1			
Report ID: ZEPRE	PT06				Off:	ice of Na	itural Resources	Revenue		Page No. 1
										Run Date 04/05/20
					Estimat	e Except	ion Bill Detail	ls - Prebill		Run Time 06:30:15
Business Unit: FF		ice: INT100101								
Dist Code: 0		omer: 44444	AMBER NADA							
Contract	Sale Dt	Document	Line	Receipt dt	Prod Cd '	Frans Cd	Royalty Amt	Estimate Amt	Variance	
Line No.: 9 Beginning Balance	Lease No.:	0540999990						4,000.00		
*** No Change								1,000.00		
Ending Balance	31-JAN-2019							4,000.00		
0540999990		ROY100000123	00000135	03/25/2019	01	13	4,341,16			
0540999990		ROY100000123	00000136	03/25/2019	01	13	-4.386.06			
0540999990	07/31/2019	ROY100000123	00000139	03/25/2019	04	01	394.55			
0540999990	07/31/2019	ROY100000123	00000133	03/25/2019	01	01	-131,077.49			
0540999990	07/31/2019	ROY100000123	00000134	03/25/2019	01	01	137,672.49			
				Lin	e Total		6,944.65	4,000.00	2,944.65	
Line No.: 10	Lease No.:	0540909990								
Beginning Balance								3,000.00		
*** No Change	***									
Ending Balance	31-JAN-2019							3,000.00		
0540909990	07/31/2019	ROY100000123	00000140	03/25/2019	01	01	-81,710.64			
0540909990	07/31/2019	ROY100000123	00000141	03/25/2019	01	01	85,821.81			
0540909990	07/31/2019	ROY100000123	00000142	03/25/2019	01	13	2,706.18			
0540909990	07/31/2019	ROY100000123	00000143	03/25/2019	01	13	-2,734.17			
0540909990	07/31/2019	ROY100000123	00000146		04	01	245.95			
				Lin	e Total		4,329.13	3,000.00	1,329.13	

Figure 5-4 Late Payment Allocation (Payment Detail)

				. S. Department of the Inte		
Report ID: ZEPRP	103		Off	ice of Natural Resources Re	venue	Page No. 3 Run Date 04/05/201
			La	te Payment Allocation - Pro	ebill	Run Time 06:30:15
Business Unit: FE		INT100101010				
Dist Code: 0	Customer	: 44444 AMBER N.	ADARKO			
Document: ROY1000	00123 PAD Numbe	er: MX000MX	Receipt Date: 03/	25/2019 TOTAL AMOUNT:	\$2,320.48	
Payment ID	Daniel Danie		Total Payment per Date	D 0 10		
		Payment Amount \$9200.57	\$9200.57	Pay Seq Nbr		
Rptd <0 Lines	03/25/2019			1 2		
1971	03/31/2019	\$2320.48	\$2320.48	2		

	annonna o								3. Department						P N- 1
Report ID:	ZEPRPT03							OII 1CE	of Natural	Resour	ces R	evenue			Page No. 1 Run Date 04/05/20
								Late	Payment Allo	cation	ı - Pr	ebill			Run Time 06:30:15
Business Un:	it: FED01	Invoice: INT1	0010101	0											
Dist Code:	0	Customer: 444	44 AI	MBER N	ADARKO										
Document: R	OY100000123	PAD Number: X	XXOOOXX			Receipt D	ate: 0	3/25/	/2019 TOTA	L AMOU	INT:	\$2,320.48			
Bill Line	Lease	Doc Line/	Geo	Nst	Man	Sales	TC	ARC	Due	Est	Int	Accepted Amount	Allocated Amount	Pay Seq	
Nbr		Item Line	Ind	Ind	Flag	Date			Date	Ind	Ind			Nbr	
3	0540299990	1	N	N	N	09/2018	01	10	10/31/2018	N		\$-1814.08			
3	0540299990	2	N	N	N	09/2018	01	10	10/31/2018	N		\$2274.29			
									SUBT	OTAL:	Y	\$460.21	\$460.21	1	
	0540299990	3	N	N	N	10/2018	01	10	11/30/2018	N		\$-3360.54			
	0540299990	4	N	N	N	10/2018	01	10	11/30/2018	N		\$2575.27			
									SUBT	OTAL:	N	\$-785.27			
	0540299990	5	N	N	N	11/2018	01	10	12/31/2018	N		\$-1913.77			
	0540299990	6	N	N	N	11/2018	01	10	12/31/2018	N		\$1542.05			
										OTAL:	N	\$-371.72			
	0540299990	7	N	N	N	12/2018		10	01/31/2019	N		\$-684.34			
	0540299990	8	N	N	N	12/2018	01	10	01/31/2019	N		\$412.72			
										OTAL:	N	\$-271.62			
										OTAL:		\$-968.40	\$460.21		
4	0540399990	9	N	N	N	09/2018		10	10/31/2018	N		\$-2774.04			
4	0540399990	10	N	N	N	09/2018	01	10	10/31/2018	N		\$3477.79			
	0540399990					100000000000000000000000000000000000000				OTAL:	Y	\$703.75	\$703.75	1	
		11	N	N	N	10/2018		10	11/30/2018	N		\$-5138.85			
	0540399990	12	N	N	N	10/2018	01	10	11/30/2018	N	100	\$3938.03			
	0540399990	13				11/2018	1500			OTAL:	N	\$-1200.82			
	0540399990		N	N	N			10	12/31/2018	N		\$-2926.49			
	0340333330	14	N	N	N	11/2018	01	10	12/31/2018	N OTAL:		\$2358.04			
	0540399990	15	N	N	N	12/2018	01	10	01/31/2019	N N	IN	\$-568.45 \$-1046.48			
	0540399990	16	N	N	N	12/2018		10	01/31/2019	N		\$631.13			
		16	IN	14	IN	12/2016	01	10		OTAL:	NT.	\$-415.35			
										OTAL:	IN	\$-415.35	\$703.75		
5	0540499990	17	N	N	N	09/2018	0.1	10	10/31/2018	N N		\$-1480.87	\$703.75		
5	0540499990	18	N	N	N	09/2018	01	10	10/31/2018	N		\$16734.54			
5	0540499990	25	N	N	N	09/2018		10	10/31/2018	N		\$-440.26			
5	0540499990	26	N	N	N	09/2018		10	10/31/2018	N		\$551.95			
	33404333330			-		,				OTAL:	Y	\$1703.98	\$1703.98	1	
5	0540499990	19	N	N	N	10/2018	01	10	11/30/2018	N		\$-10261.18	4	-	
5	0540499990	20	N	N	N	10/2018	01	10	11/30/2018	N		\$13560.32			
5	0540499990	27	N	N	N	10/2018	01	10	11/30/2018	N		\$-815.58			
5	0540499990	28	N	N	N	10/2018		10	11/30/2018	N		\$625.00			
									SUBT	OTAL:	Y	\$3108.56	\$3108.56	1	
5	0540499990	21	N	N	N	11/2018	01	10	12/31/2018	N		\$-6826.95			
5	0540499990	22	N	N	N	11/2018	01	10	12/31/2018	N		\$9584.67			
5	0540499990	29	N	N	N	11/2018	01	10	12/31/2018	N		\$-464.45			

Figure 5-5 Late Payment Allocation – Prebill

Report ID:	ZEPRPT03						c		of Natural						Page No. 2 Run Date 04/05/20
								Late	Payment Allo	cation	ı - Pr	ebill			Run Time 06:30:1
Business Un:	t: FED01	Invoice: INT1	0010101	0											
Dist Code: 0)	Customer: 4444	14 A	MBER N	ADARKO										
Document: RO	Y100000123	PAD Number: X	KOOOXX			Receipt Da	te: 0	3/25/	2019 TOTA	L AMOU	JNT:	\$2,320.48			
Bill Line	Lease	Doc Line/	Geo	Nst	Man	Sales	TC	ARC	Due	ve+	Int	Accepted Amount	Allocated Amount	Pay Sec	•
Mbr	rease	Item Line	Ind	Ind	Flag	Date	10	ARC	Date		Ind	Accepted Amount	Allocated Amount	Nbr	4
5	0540499990	30	N	N	N	11/2018	01	10	12/31/2018	N	Ind	\$374.24		NDI	
-	MERICE REPORT OF THE	50				11/2010	01	10		OTAL:	v	\$2667.51	\$2667.51	1	
5	0540499990	23	N	N	N	12/2018	01	10	01/31/2019	N		\$-4129.89	44007104		
5	0540499990	24	N	N	N	12/2018	01	10	01/31/2019	N		\$6820.43			
5	0540499990	31	N	N	N	12/2018		10	01/31/2019	N		\$-166.08			
5	0540499990	32	N	N	N	12/2018	01	10	01/31/2019	N		\$100.16			
									SUBT	OTAL:	Y	\$2624.62	\$304.14	1	
												\$2624.62	\$2320.48	2	
									Т	OTAL:		\$10104.67	\$10104.67		
6	0540599990	33	N	N	N	09/2018	01	10	10/31/2018	N		\$-994.97			
6	0540599990	34	N	N	N	09/2018	01	10	10/31/2018	N		\$1247.39			
6	0540599990								SUBT	OTAL:	Y	\$252.42	\$252.42	1	
6	0540599990	35	N	N	N	10/2018	01	10	11/30/2018	N		\$-1843.16			
6	0540599990	36	N	N	N	10/2018	01	10	11/30/2018	N		\$1412.46			
									SUBT	OTAL:	N	\$-430.70			
6	0540599990	37	N	N	N	11/2018	01	10	12/31/2018	N		\$-1049.64			
6	0540599990	38	N	N	N	11/2018	01	10	12/31/2018	N		\$845.77			
									SUBT	OTAL:	N	\$-203.87			
6	0540599990	39	N	N	N	12/2018	01	10	01/31/2019	N		\$-375.35			
6	0540599990	40	N	N	N	12/2018	01	10	01/31/2019	N		\$226.37			
									SUBT	OTAL:	N	\$-148.98			
									Т	OTAL:		\$-531.13	\$252.42		
									Т	OTAL:					
									DOCUMENT T	OTAL.		\$2320.48	\$11521.05		