

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

NMOCD

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

Hobbs OGD

5. Lease Serial No.  
NMNM108503

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NMNM130555

8. Well Name and No.  
VACA 24 FED COM 2H

9. API Well No.  
30-025-40528-00-S1

10. Field and Pool or Exploratory Area  
RED HILLS

11. County or Parish, State  
LEA COUNTY, NM

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

AUG 11 2017  
RECEIVED

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
EOG RESOURCES INCORPORATED  
Contact: LORI J NUGENT  
Email: Lori\_Nugent@eogresources.com

3a. Address  
MIDLAND, TX 79702

3b. Phone No. (include area code)  
Ph: 432-686-3670

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 24 T25S R33E SWSW 50FSL 430FWL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Venting and/or Flaring
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG Resources, Inc. contacted Jennifer Sanchez with the BLM on 12/14/2016 regarding flare sundries that inadvertently had not been filed from 3/2013 - 6/2016. EOG Resources, Inc. reviewed files to determine flare volumes and reasons for flaring. Ms. Sanchez asked that EOG Resources, Inc. submit one sundry for each lease listing all volumes flared for the time period stated. EOG Resources, Inc. is reviewing other lease files and will submit other sundries as these reviews are complete.

EOG Resources, Inc. respectfully requests royalty free flare dispositions under NTL-4A.

See attached Exhibit A for detailed flare information

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #368746 verified by the BLM Well Information System  
For EOG RESOURCES INCORPORATED, sent to the Hobbs  
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/06/2017 (17PP0314SE)

Name (Printed/Typed) LORI J NUGENT Title PREPARER

Signature (Electronic Submission) Date 03/03/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

ACCEPTED FOR RECORD  
JUL 26 2017  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2) \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Accepted for Record Only

MJB/OCD 8/16/2017

**Additional data for EC transaction #368746 that would not fit on the form**

**32. Additional remarks, continued**

See attached Exhibit B for additional well/lease information



ATTACHMENT - EXHIBIT A  
AGREEMENT  
LEASE

MULTIPLE - SEE ATTACHED EXHIBIT B  
NMNM108503

EQUIPMENT NAME

VACA 24 FC 2/3H 60387002 FLARE

To the best of my knowledge, the Flare meter is located on lease and is one of five Flare meters on this lease.

WELLS		VOLUME	TIME	REASON	GAS SALES
VACA 24 FC 2H	3/2013	8,249 Flare 16 days	290.5 hrs	Unavoidable Loss/SUG down	19343
	4/2013	28,453 Flare 30 days	691.75 hrs	Unavoidable Loss	55290
	5/2013	32,873 Flare 28 days	604.5 hrs	Unavoidable Loss/High Line Pressure / SUG shut in 5/18	58865
	6/2013	4,945 Flare 3 days	47.75 hrs	Unavoidable Loss/HLP / SUG down	79311
	7/2013	3,215 Flare 3 days	33 hrs	Unavoidable Loss/SUG down	61008
	8/2013	769 Flare 1 day	1.4 hrs	Unavoidable Loss/SUG down	62898
	1/2014	33 Flare 2 days	1.75 hrs	Unavoidable Loss	57756
	4/2014	48 Flare 2 days	.5 hrs	Unavoidable Loss/Tie in 2nd gas line to drop line pressure	56246
	5/2014	2,959 Flare 4 days	47 hrs	Unavoidable Loss/Regency Gas emergency shut in	41437
	7/2014	33 Flare 2 days	2 hrs	Unavoidable Loss	27099
	8/2014	375 Flare 4 days	10.5 hrs	Unavoidable Loss/Regency Gas shut in	42535
	9/2014	779 Flare 2 days	3.5 hrs	Unavoidable Loss/Regency Gas shut in	50422
	10/2014	737 Flare 3 days	36.5 hrs	Unavoidable Loss	49401
	11/2014	17 Flare 1 day	.5 hrs	Unavoidable Loss/Regency Gas shut in	51120
	1/2015	577 Flare 4 days	24.5 hrs	Unavoidable Loss/Regency Gas shut in	40524
	2/2015	1,567 Flare 6 days	64.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	26841
	3/2015	1,200 Flare 8 days	35.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	28824
	4/2015	105 Flare 1 day	53 hrs	Unavoidable Loss/Compressor issues	40040
	7/2015	3 Flare 7 days	1 hr	Unavoidable Loss/Regency Gas shut in	16632
	8/2015	60 Flare 1 day		Unavoidable Loss	30210
	9/2015	460 Flare 5 days	25.5 hrs	Unavoidable Loss/Regency Gas shut in	21771

VACA 24 FC 3H

	3/2013	2,756 Flare 16 days	290.5 hrs	Unavoidable Loss/High Line Pressure	6463
	4/2013	23,602 Flare 30 days	691.75 hrs	Unavoidable Loss	45864
	5/2013	32,957 Flare 28 days	604.5 hrs	Unavoidable Loss/High Line Pressure / SUG shut in 5/18	59014
	6/2013	5,192 Flare 3 days	47.75 hrs	Unavoidable Loss/HLP / SUG down	83260
	7/2013	2,950 Flare 3 days	33 hrs	Unavoidable Loss/SUG down	55968
	8/2013	736 Flare 1 day	1.4 hrs	Unavoidable Loss/SUG down	60124
	1/2014	25 Flare 2 days	1.75 hrs	Unavoidable Loss	42531
	4/2014	51 Flare 2 days	.5 hrs	Unavoidable Loss/Tie in 2nd gas line to drop line pressure	59083
	5/2014	3,537 Flare 4 days	47 hrs	Unavoidable Loss/Regency Gas emergency shut in	49532
	7/2014	37 Flare 2 days	2 hrs	Unavoidable Loss	30255
	8/2014	253 Flare 4 days	10.5 hrs	Unavoidable Loss/Regency Gas shut in	28645
	9/2014	582 Flare 2 days	3.5 hrs	Unavoidable Loss/Regency Gas shut in	37651
	10/2014	681 Flare 3 days	36.5 hrs	Unavoidable Loss	45689
	11/2014	12 Flare 1 day	.5 hrs	Unavoidable Loss/Regency Gas shut in	38665
	1/2015	389 Flare 4 days	24.5 hrs	Unavoidable Loss/Regency Gas shut in	27365
	2/2015	1,496 Flare 6 days	64.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	25610
	3/2015	1,255 Flare 8 days	35.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	30158
	4/2015	81 Flare 1 day	53 hrs	Unavoidable Loss/Compressor issues	31180
	7/2015	2 Flare 7 days	1 hr	Unavoidable Loss/Regency Gas shut in	7790
	8/2015	44 Flare 1 day		Unavoidable Loss	22465
	9/2015	338 Flare 5 days	25.5 hrs	Unavoidable Loss/Regency Gas shut in	16003

EQUIPMENT NAME

VACA 24 FC 4/5H FLARE GAS 60387003

To the best of my knowledge, the Flare meter is located on lease and is one of five Flare meters on this lease.

WELLS		VOLUME	TIME	REASON	GAS SALES
VACA 24 FC 4H	3/2013	8,663 Flare 9 days	147.5 hrs	Unavoidable Loss	16400
	4/2013	85 Flare 2 days	5 hrs	Unavoidable Loss	44085
	5/2013	2853 Flare 8 days	64.5 hrs	Unavoidable Loss/SUG shut in 5/18	55159
	6/2013	4446 Flare 3 days	47.75 hrs	Unavoidable Loss/HLP / SUG down	66300
	7/2013	1419 Flare 3 days	32.5 hrs	Unavoidable Loss/SUG down	55070
	8/2013	213 Flare 3 days	8.5 hrs	Unavoidable Loss/SUG down 1 day	41720
	12/2013	6 Flare 1 day	1 hr	Unavoidable Loss	1522
	1/2014	38 Flare 6 days	5 hrs	Unavoidable Loss	9810
	4/2014	588 Flare 19 days	30 hrs	Unavoidable Loss	37058
	5/2014	1249 Flare 4 days	45 hrs	Unavoidable Loss/Regency Gas emergency shut in	41798
	7/2014	159 Flare 2 days	6 hrs	Unavoidable Loss	30348
	8/2014	710 Flare 21 days	55 hrs	Unavoidable Loss/Regency Gas shut in	38771
	9/2014	470 Flare 2 days	29 hrs	Unavoidable Loss/Regency Gas shut in	41161
	10/2014	521 Flare 4 days	54 hrs	Unavoidable Loss	31969
	11/2014	71 Flare 2 days	5.5 hrs	Unavoidable Loss/Regency Gas shut in	38714
	1/2015	305 Flare 4 days	23.5 hrs	Unavoidable Loss/Regency Gas shut in	21831
	2/2015	3612 Flare 8 days	114.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	22326
	3/2015	1922 Flare 13 days	91 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	24940
	4/2015	632 Flare 6 days	46 hrs	Unavoidable Loss/Compressor issues	28451
	5/2015	884 Flare 20 days	122 hrs	Unavoidable Loss	10918
	6/2015	92 Flare 1 day	15 hrs	Unavoidable Loss	15560
	7/2015	592 Flare 7 days	90 hrs	Unavoidable Loss/Regency Gas shut in	8621

VACA 24 FC 5H

	12/2013	12 Flare 1 day	1 hr	Unavoidable Loss	2,785
	1/2014	73 Flare 6 days	5 hrs	Unavoidable Loss	18,500
	4/2014	724 Flare 19 days	30 hrs	Unavoidable Loss	45,589
	5/2014	957 Flare 4 days	45 hrs	Unavoidable Loss/Regency Gas emergency shut in	32,010
	7/2014	81 Flare 2 days	6 hrs	Unavoidable Loss	15,542

8/2014	1108	Flare 21 days	55 hrs	Unavoidable Loss/Regency Gas shut in	60,527
9/2014	821	Flare 2 days	29 hrs	Unavoidable Loss/Regency Gas shut in	71,839
10/2014	932	Flare 4 days	54 hrs	Unavoidable Loss	57,223
11/2014	97	Flare 2 days	5.5 hrs	Unavoidable Loss/Regency Gas shut in	52,332
1/2015	590	Flare 4 days	23.5 hrs	Unavoidable Loss/Regency Gas shut in	42,271
2/2015	4788	Flare 8 days	114.5 hrs	Unavoidable Loss/Regency Gas shut in 1 day; compressor issues	29,593
3/2015	2534	Flare 13 days	91 hrs	Unavoidable Loss/Regency Gas shut in 1 day ; compressor issues	32,868
4/2015	601	Flare 6 days	46 hrs	Unavoidable Loss/Compressor issues	27,063
5/2015	845	Flare 20 days	122 hrs	Unavoidable Loss	10,425
6/2015	130	Flare 1 day	15 hrs	Unavoidable Loss	22,016
7/2015	954	Flare 7 days	90 hrs	Unavoidable Loss/Regency Gas shut in	13,892

**EQUIPMENT NAME**

CABALLO 23 CTB FLARE 60387004

To the best of my knowledge, the Flare meter is located on lease and is one of five Flare meters on this lease.

WELLS		VOLUME		REASON	GAS SALES
CABALLO 23 FED 1H	5/2013	14	Flare 1 day 2.5 hrs	Unavoidable Loss	5,632
	6/2013	623	Flare 3 days 48.5 hrs	Unavoidable Loss	6,967
	7/2013	153	Flare 2 days 31.5 hrs	Unavoidable Loss	8,871
	8/2013	60	Flare 1 day 8.5 hrs	Unavoidable Loss / SUG Plant Problems	10,355
	8/2014	218	Flare 5 days 39.5 hrs	Unavoidable Loss / Power Outage phase out	8,605
	9/2014	197	Flare 2 days 27.5 hrs	Unavoidable Loss / Regency shut in	6,014
	10/2014	68	Flare 1 day 20 hrs	Unavoidable Loss / Regency shut in	4,153
	1/2015	1	Flare 1 day .1 hrs	Unavoidable Loss / compressor problem	5,792
	2/2015	165	Flare 3 days 41.5 hrs	Unavoidable Loss / Regency shut in	3,702
	7/2015	3247	Flare 6 days 100.8 hrs	Unavoidable Loss / Regency shut in	19,667
	8/2015	13234	Flare 20 days 464.75 hrs	Unavoidable Loss / Regency shut in	10,471
	12/2015	24	Flare 3 days 49.75 hrs	Unavoidable Loss / Regency shut in	393
	1/2016	493	Flare 4 days 61.6 hrs	Unavoidable Loss / Regency shut in	12,049
CABALLO 23 FED 2H	5/2013	60	Flare 1 day 2.5 hrs	Unavoidable Loss	24,055
	6/2013	1638	Flare 3 days 48.5 hrs	Unavoidable Loss	18,306
	7/2013	416	Flare 2 days 31.5 hrs	Unavoidable Loss	24,089
	8/2013	167	Flare 1 day 8.5 hrs	Unavoidable Loss / SUG Plant Problems	28,726
	5/2014	651	Flare 2 days 23 hrs	Unavoidable Loss / Stuck Pump	30,534
	8/2014	558	Flare 5 days 39.5 hrs	Unavoidable Loss / Power Outage phase out	21,997
	9/2014	640	Flare 2 days 27.5 hrs	Unavoidable Loss / Regency shut in	19,564
	10/2014	337	Flare 1 day 20 hrs	Unavoidable Loss / Regency shut in	20,458
	1/2015	2	Flare 1 day .1 hrs	Unavoidable Loss / compressor problem	10,500
	2/2015	684	Flare 3 days 41.5 hrs	Unavoidable Loss / Regency shut in	10,880
	7/2015	4411	Flare 6 days 100.8 hrs	Unavoidable Loss / Regency shut in	26,717
	8/2015	16541	Flare 20 days 464.75 hrs	Unavoidable Loss / Regency shut in	13,087
	12/2015	1795	Flare 3 days 49.75 hrs	Unavoidable Loss / Regency shut in	29,282
	1/2016	1011	Flare 4 days 61.6 hrs	Unavoidable Loss / Regency shut in	24,715
CABALLO 23 FED 3H	5/2013	34	Flare 1 day 2.5 hrs	Unavoidable Loss	13,768
	6/2013	1636	Flare 3 days 48.5 hrs	Unavoidable Loss	18,283
	7/2013	499	Flare 2 days 31.5 hrs	Unavoidable Loss	28,877
	8/2013	232	Flare 1 day 8.5 hrs	Unavoidable Loss / SUG Plant Problems	39,816
	5/2014	185	Flare 2 days 23 hrs	Unavoidable Loss / Stuck Pump	8,674
	8/2014	158	Flare 5 days 39.5 hrs	Unavoidable Loss / Power Outage phase out	6,248
	9/2014	127	Flare 2 days 27.5 hrs	Unavoidable Loss / Regency shut in	3,883
	10/2014	106	Flare 1 day 20 hrs	Unavoidable Loss / Regency shut in	6,452
	1/2015	2	Flare 1 day .1 hrs	Unavoidable Loss / compressor problem	8,195
	2/2015	457	Flare 3 days 41.5 hrs	Unavoidable Loss / Regency shut in	7,269
	7/2015	555	Flare 6 days 100.8 hrs	Unavoidable Loss / Regency shut in	3,364
	8/2015	31	Flare 20 days 464.75 hrs	Unavoidable Loss / Regency shut in	25
	12/2015	212	Flare 3 days 49.75 hrs	Unavoidable Loss / Regency shut in	3,452
	1/2016	87	Flare 4 days 61.6 hrs	Unavoidable Loss / Regency shut in	2,128
CABALLO 23 FED 4H	5/2013	11	Flare 1 day 2.5 hrs	Unavoidable Loss	4,242
	6/2013	455	Flare 3 days 48.5 hrs	Unavoidable Loss	5,085
	7/2013	109	Flare 2 days 31.5 hrs	Unavoidable Loss	6,283
	8/2013	36	Flare 1 day 8.5 hrs	Unavoidable Loss / SUG Plant Problems	6,240
	5/2014	239	Flare 2 days 23 hrs	Unavoidable Loss / Stuck Pump	11,229
	8/2014	233	Flare 5 days 39.5 hrs	Unavoidable Loss / Power Outage phase out	9,199
	9/2014	229	Flare 2 days 27.5 hrs	Unavoidable Loss / Regency shut in	6,999
	10/2014	92	Flare 1 day 20 hrs	Unavoidable Loss / Regency shut in	5,582
	1/2015	1	Flare 1 day .1 hrs	Unavoidable Loss / compressor problem	6,190
	2/2015	353	Flare 3 days 41.5 hrs	Unavoidable Loss / Regency shut in	5,623
	7/2015	699	Flare 6 days 100.8 hrs	Unavoidable Loss / Regency shut in	4,236
	8/2015	3852	Flare 20 days 464.75 hrs	Unavoidable Loss / Regency shut in	3,048
CABALLO 23 FED 5H	5/2013	45	Flare 1 day 2.5 hrs	Unavoidable Loss	18,109
	6/2013	1712	Flare 3 days 48.5 hrs	Unavoidable Loss	19,137
	7/2013	432	Flare 2 days 31.5 hrs	Unavoidable Loss	25,014
	8/2013	179	Flare 1 day 8.5 hrs	Unavoidable Loss / SUG Plant Problems	30,731
	5/2014	451	Flare 2 days 23 hrs	Unavoidable Loss / Stuck Pump	21,175
	8/2014	391	Flare 5 days 39.5 hrs	Unavoidable Loss / Power Outage phase out	15,440
	9/2014	541	Flare 2 days 27.5 hrs	Unavoidable Loss / Regency shut in	16,546
	10/2014	320	Flare 1 day 20 hrs	Unavoidable Loss / Regency shut in	19,399
	1/2015	5	Flare 1 day .1 hrs	Unavoidable Loss / compressor problem	20,070



2/2015	1164	Flare 3 days	41.5 hrs	Unavoidable Loss / Regency shut in	18,524
7/2015	844	Flare 6 days	100.8 hrs	Unavoidable Loss / Regency shut in	5,111
8/2015	3555	Flare 20 days	464.75 hrs	Unavoidable Loss / Regency shut in	2,813

**CABALLO 23 FED 6H**

5/2013	13	Flare 1 day	2.5 hrs	Unavoidable Loss	5,054
6/2013	542	Flare 3 days	48.5 hrs	Unavoidable Loss	6,061
7/2013	138	Flare 2 days	31.5 hrs	Unavoidable Loss	7,998
8/2013	38	Flare 1 day	8.5 hrs	Unavoidable Loss / SUG Plant Problems	6,497
5/2014	235	Flare 2 days	23 hrs	Unavoidable Loss / Stuck Pump	11,005
8/2014	141	Flare 5 days	39.5 hrs	Unavoidable Loss / Power Outage phase out	5,569
9/2014	326	Flare 2 days	27.5 hrs	Unavoidable Loss / Regency shut in	9,978
10/2014	174	Flare 1 day	20 hrs	Unavoidable Loss / Regency shut in	10,588
1/2015	3	Flare 1 day	.1 hrs	Unavoidable Loss / compressor problem	11,866
2/2015	597	Flare 3 days	41.5 hrs	Unavoidable Loss / Regency shut in	9,492
7/2015	549	Flare 6 days	100.8 hrs	Unavoidable Loss / Regency shut in	3,322
8/2015	745	Flare 20 days	464.75 hrs	Unavoidable Loss / Regency shut in	590
12/2015	335	Flare 3 days	49.75 hrs	Unavoidable Loss / Regency shut in	5,472
1/2016	144	Flare 4 days	61.6 hrs	Unavoidable Loss / Regency shut in	3,510

**EQUIPMENT NAME**

VACA 11 FED 2H FL 60387029

To the best of my knowledge, the Flare meter is located on lease and is one of five Flare meters on this lease.

**WELLS**

VACA 11 FED 2H

**VOLUME**

**REASON**

**GAS SALES**

7/2014	1014	Flare 4 days	38.5 hrs	Unavoidable Loss	21,723
8/2014	300	Flare 1 day	6.5 hrs	Unavoidable Loss / compressor problem	18,661
11/2014	4886	Flare 15 days	142.5 hrs	Unavoidable Loss / compressor problem	11,830
12/2014	1948	Flare 8 days	44 hrs	Unavoidable Loss / compressor problem	9,965
1/2015	679	Flare 5 days	27.5 hrs	Unavoidable Loss / compressor problem	16,921
2/2015	3437	Flare 17 days	81.5 hrs	Unavoidable Loss / compressor problem/Regency shut in/high line pressure	4,055
3/2015	1476	Flare 7 days	32.5 hrs	Unavoidable Loss /Regency shut in / high line pressure	10,732
4/2015	30	Flare 2 days	1 hr	Unavoidable Loss / high line pressure	8,967
9/2015	3	Flare 1 day	.15 hr	Unavoidable Loss	9,226
12/2015	14	Flare 2 days	.75 hr	Unavoidable Loss / high line pressure	4,539
1/2016	1548	Flare 4 days	48 hrs	Unavoidable Loss /Regency shut in	3,619
2/2016	79	Flare 1 day	20 hrs	Unavoidable Loss	6,726
3/2016	143	Flare 1 day	3.75 hrs	Unavoidable Loss	6,209
4/2016	981	Flare 10 days	36.5 hrs	Unavoidable Loss / hole in hhs unit	3,952

**EQUIPMENT NAME**

VACA 14 CTB 60387014 FLARE

To the best of my knowledge, the Flare meter is located on lease and is one of five Flare meters on this lease.

**WELLS**

VACA 14 3H

**VOLUME**

**REASON**

**GAS SALES**

8/2013	34	Flare 1 day	10.5 hrs	Unavoidable Loss / SUG High Line Pressure	2,269
9/2013	8	Flare 1 day	2 hrs	Unavoidable Loss	1,959
10/2013	5	Flare 1 day	9 hrs	Unavoidable Loss	1,894
12/2013	23	Flare 4 days	17.5 hrs	Unavoidable Loss / High Line Pressure	2,927
1/2014	7	Flare 3 days	6 hrs	Unavoidable Loss / Faulty cooler	5,416
7/2014	44	Flare 4 days	30 hrs	Unavoidable Loss	1,684
8/2014	5	Flare 1 day	5 hrs	Unavoidable Loss / power failure	1,992
11/2014	1035	Flare 16 days	341.5 hrs	Unavoidable Loss	1,927
12/2014	163	Flare 5 days	51 hrs	Unavoidable Loss /high line pressure enterprise shut in	3,114
2/2015	557	Flare 8 days	75.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	3,773
3/2015	896	Flare 7 days	100.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	5,951
4/2015	513	Flare 9 days	86.5 hrs	Unavoidable Loss /Enterprise shut in/ high line pressure	2,601
5/2015	32	Flare 5 days	15.5 hrs	Unavoidable Loss / High Line Pressure	1,271
6/2015	25	Flare 5 days	16.5 hrs	Unavoidable Loss	1,240
7/2015	98	Flare 9 days	58.5 hrs	Unavoidable Loss / power failure	2,547
8/2015	855	Flare 7 days	191.5 hrs	Unavoidable Loss	2,856
9/2015	47	Flare 2 days	4.5 hrs	Unavoidable Loss	6,504
10/2015	4	Flare 1 day	1 hr	Unavoidable Loss / High Line Pressure	2,069
12/2015	624	Flare 6 days	111 hrs	Unavoidable Loss / High Line Pressure	233
1/2016	135	Flare 3 days	15.9 hrs	Unavoidable Loss	6,431
2/2016	23	Flare 1 day	6 hrs	Unavoidable Loss	6,070
3/2016	23	Flare 4 days	10.5 hrs	Unavoidable Loss	10,245
4/2016	267	Flare 13 days	136.6 hrs	Unavoidable Loss	11,129

VACA 14 4H

8/2013	525	Flare 1 day	10.5 hrs	Unavoidable Loss / SUG High Line Pressure	35,202
9/2013	140	Flare 1 day	2 hrs	Unavoidable Loss	35,765
10/2013	81	Flare 1 day	9 hrs	Unavoidable Loss	30,793
12/2013	231	Flare 4 days	17.5 hrs	Unavoidable Loss / High Line Pressure	28,833
1/2014	27	Flare 3 days	6 hrs	Unavoidable Loss / Faulty cooler	21,225
7/2014	292	Flare 4 days	30 hrs	Unavoidable Loss	11,130
8/2014	32	Flare 1 day	5 hrs	Unavoidable Loss / power failure	13,171
11/2014	6840	Flare 16 days	341.5 hrs	Unavoidable Loss	12,740
12/2014	695	Flare 5 days	51 hrs	Unavoidable Loss /high line pressure enterprise shut in	13,318
2/2015	1401	Flare 7 days	75.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	9,487
3/2015	2258	Flare 7 days	100.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	14,992
4/2015	4101	Flare 9 days	86.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	20,773
5/2015	622	Flare 5 days	15.5 hrs	Unavoidable Loss / High Line Pressure	24,858
6/2015	515	Flare 5 days	16.5 hrs	Unavoidable Loss	25,869
7/2015	1174	Flare 9 days	58.5 hrs	Unavoidable Loss / power failure	30,535

8/2015	8298	Flare 7 days	191.5 hrs	Unavoidable Loss	27,715
9/2015	190	Flare 2 days	4.5 hrs	Unavoidable Loss	26,305
10/2015	44	Flare 1 day	1 hr	Unavoidable Loss / High Line Pressure	21,800
11/2015	60	Flare 1 day	5 hrs	Unavoidable Loss	16,147
12/2015	9137	Flare 6 days	111 hrs	Unavoidable Loss / High Line Pressure	8,958
1/2016	577	Flare 3 days	15.9 hrs	Unavoidable Loss	27,504
2/2016	97	Flare 1 day	6 hrs	Unavoidable Loss	25,816
3/2016	60	Flare 4 days	10.5 hrs	Unavoidable Loss	27,151
4/2016	644	Flare 13 days	136.6 hrs	Unavoidable Loss	26,863

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8/2013	328	Flare 1 day	10.5 hrs	Unavoidable Loss / SUG High Line Pressure	21,969
9/2013	82	Flare 1 day	2 hrs	Unavoidable Loss	20,932
10/2013	51	Flare 1 day	9 hrs	Unavoidable Loss	19,453
12/2013	106	Flare 4 days	17.5 hrs	Unavoidable Loss / High Line Pressure	13,244
1/2014	22	Flare 3 days	6 hrs	Unavoidable Loss / Faulty cooler	17,325
7/2014	319	Flare 4 days	30 hrs	Unavoidable Loss	12,140
8/2014	31	Flare 1 day	5 hrs	Unavoidable Loss / power failure	13,002
11/2014	6761	Flare 16 days	341.5 hrs	Unavoidable Loss	12,954
12/2014	937	Flare 5 days	51 hrs	Unavoidable Loss /high line pressure enterprise shut in	17,959
2/2015	3447	Flare 7 days	75.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	23,338
3/2015	1996	Flare 7 days	100.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	13,254
4/2015	2652	Flare 9 days	86.5 hrs	Unavoidable Loss /Regency shut in/ high line pressure	13,435
5/2015	403	Flare 5 days	15.5 hrs	Unavoidable Loss / High Line Pressure	16,107
6/2015	333	Flare 5 days	16.5 hrs	Unavoidable Loss	16,745
7/2015	390	Flare 9 days	58.5 hrs	Unavoidable Loss / power failure	10,140
8/2015	2909	Flare 7 days	191.5 hrs	Unavoidable Loss	9,715
9/2015	111	Flare 2 days	4.5 hrs	Unavoidable Loss	15,340
10/2015	40	Flare 1 day	1 hr	Unavoidable Loss / High Line Pressure	20,227
11/2015	88	Flare 1 day	5 hrs	Unavoidable Loss	23,622
12/2015	7633	Flare 6 days	111 hrs	Unavoidable Loss / High Line Pressure	2,845
1/2016	550	Flare 3 days	15.9 hrs	Unavoidable Loss	26,184
2/2016	101	Flare 1 day	6 hrs	Unavoidable Loss	26,955
3/2016	57	Flare 4 days	10.5 hrs	Unavoidable Loss	25,767
4/2016	610	Flare 13 days	136.6 hrs	Unavoidable Loss	25,454

ATTACHMENT - EXHIBIT B  
 5. Lease Serial No., continued

Wells/Facilities, continued

Agreement	Lease	Well/Fac Name, Number	API Number	Location	Type	Field/Pool	County	State
NMNM130555	NMNM108503	VACA 24 FC 2H	30-025-40528-00-S1	SEC 24 T25S R33E SWSW 50 FSL 430 FWL	OIL	RED HILLS	LEA	NM
NMNM130555	NMNM108503	VACA 24 FC 3H	30-025-40530-00-S1	SEC 24 T25S R33E SESW 50 FSL 1390 FWL	OIL	RED HILLS	LEA	NM
NMNM130555	NMNM108503	VACA 24 FC 4H	30-025-40529-00-S1	SEC 24 T25S R33E SESW 50 FSL 430 FWL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 24 FC 5H	30-025-40536-00-S1	SEC 24 T25S R33E SWSE 50 FSL 2190 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 1H	30-025-40050-00-S1	SEC 23 T25S R33E NENE 50 FNL 440FWL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 2H	30-025-40051-00-S1	SEC 23 T25S R33E NENW 50 FNL 2200 FWL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 3H	30-025-40052-00-S1	SEC 23 T25S R33E NENE 58 FNL 2200 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 4H	30-025-40053-00-S1	SEC 23 T25S R33E NENE 50 FNL 440FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 5H	30-025-40247-00-S1	SEC 23 T25S R33E NWNW 40 FNL 1295 FWL	OIL	RED HILLS	LEA	NM
	NMNM108503	CABALLO 23 FED 6H	30-025-40248-00-S1	SEC 23 T25S R33E NENE 20 FNL 1310 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 11 FED 2H	30-025-41523-00-S1	SEC 11 T25S R33E SESE 170 FSL 1200 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 14 3H	30-025-39327-00-S1	SEC 14 T25S R33E NENE 660 FNL 1980 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 14 4H	30-025-39892-00-S1	SEC 14 T25S R33E NENE 330 FNL 660 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 14 6H	30-025-39943-00-S1	SEC 14 T25S R33E NENW 50 FNL 2130 FWL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 13 FED 8H	30-025-35846-00-S1	SEC 13 T25S R33E NWSE 2310 FSL 2310 FEL	OIL	RED HILLS	LEA	NM
	NMNM108503	VACA 14 FED 2H	30-025-37839-00-S1	SEC 14 T25S R33E NESE 1980 FSL 330 FEL	OIL	RED HILLS	LEA	NM
NMNM126316	NMNM108503	VACA 14 FED 5H	30-025-39944-00-S1	SEC 14 T25S R33E NWNW 50 FNL 330 FWL	OIL	RED HILLS	LEA	NM



**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

Pursuant to, 43 CFR 3179

Lessees or operators are hereby authorized to vent or flare gas on a short-term basis without incurring a royalty obligation in the following circumstances:

- A. 43 CFR 3179.105 **Emergencies** (a) An operator may flare or, if flaring is not feasible given the emergency, vent gas royalty-free under §3179.4 (a) (vi) of this subpart during an emergency. For purposes of this subpart, an "emergency" is a temporary, infrequent and unavoidable situation in which the loss of gas or oil is uncontrollable or necessary to avoid risk of an immediate and substantial adverse impact on safety, public health, or the environment. For purposes of royalty assessment, an "emergency" is limited to a short-term situation of 24 hours or less (unless the BLM agrees that the emergency conditions necessitating venting or flaring extend for a longer period) caused by an unanticipated event or failure that is out of the operator's control and was not due to operator negligence.
- B. 43 CFR 3179.4 **Determining when the loss of oil or gas is avoidable or unavoidable.**  
(2) *Avoidably lost oil or gas* means: Lost oil or gas that is not "unavoidably lost," as defined in paragraph (a) of this section; waste oil that became waste oil through operator negligence; and, any "excess flared gas," as defined in §3179.7.
- C. 43 CFR 3179.5 **When lost production is subject to royalty.**  
(a) Royalty is due on all avoidably lost oil or gas.  
(b) Royalty is not due on any unavoidably lost oil or gas.

**Condition of Approval to Flare Gas**

- 1. The first 24 hours of a temporary emergency flare is considered "unavoidably lost" and is therefore royalty free. Flared volumes that are considered unavoidably lost are not to be included in Sundry Notice (Form 3160-5). These Volumes are not royalty bearing and shall be reported on OGOR "B" as either disposition code "21" or "22".
- 2. Flared volumes considered to be "avoidably lost":  
These flare events will require prior approval via Notice of Intent- Sundry Notice (Form 3160-5). Volumes flared beyond limits defined in 43 CFR 3179.7 are considered "avoidably lost" and will require payment of royalties, unless an exception is granted in accordance with 43 CFR 3179. Volumes for avoidably lost gas shall be reported on OGOR "B" reports as disposition code "08".

If the operator believes that the flared volumes were "unavoidably lost" and the BLM determines them to be "avoidably lost", the operator can submit a more detailed request via Sundry Notice (Form 3160-5) for an exception in accordance with 43 CFR 3179.4, 3179.103 - 3179.105. As an alternative to producing oil and flaring gas the operator may choose to shut the well in and avoid paying royalties on otherwise avoidably lost gas.

- 3. Approval not to exceed 90 days, if flaring is still required past 90 days submit new request for approval.



4. Submit Subsequent Report with actual volumes of gas flared for each month gas is flared on a Sundry Notice (Form 3160-5). Include method for volume determination and duration. Report unavoidably lost (first 24 hrs. of unexpected event) and avoidably lost (exceeding the first 24 hrs. or flared gas that has been approved as avoidably lost by the Authorized Officer) volumes and durations on the Subsequent Report.
5. In determining the volumes of gas to be reported, shall be in accordance with 43 CFR 3179.4, 43 CFR 3179.5, 43 CFR 3179.9 and 43 CFR 3179.10
6. The operator must estimate or measure all volumes of gas vented or flared gas by one of the following methods.
  - i. Measure the flare gas by a meter. The meter shall meet all requirements for a sales meter as per Federal Regulations, 43 CFR 3175 (due to volume of gas being flared). Include meter serial number on Sundry Notice (Form 3160-5).
  - ii. Calculate the volume of the flared gas based on the results of a regularly performed GOR test and measured values for the volumes of oil production and gas sales, so as to allow BLM to independently verify the volume, rate, and heating value of the gas flared.

Regulation Ref: Link to 43 CFR 3179 **Waste Prevention and Resources Conservation**;  
<https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&SID=dbd49eda8cdc488870172ed096d47be9&ty=HTML&h=L&mc=true&n=sp43.2.3170.3179&r=SUBPART>