HESS CORPORATION
3015 16th Street SW, Suite 20
Minot, ND 58701

October 24, 2018

NEXT DAY DELIVERY

Office of Enforcement, Compliance & Environmental Justice (8ENF-AT)
U. S. Environmental Protection Agency Region VIII
1595 Wynkoop Street
Denver, Colorado 80202-1129

RECEIVED
OCT 29 2018
Office of Enforcement, Compliance and Environmental Justice

RE: NSPS SUBPART OOOOa - 2018 ANNUAL REPORT

Dear Madam/Sir:

Per the requirements of the EPA's New Source Performance Standard (NSPS) Subpart OOOOa, please find the attached 2018 annual report addressing Hess's NSPS Subpart OOOOa affected facilities for our North Dakota operations for die reporting period of August 2, 2017 to August 2, 2018.

If you should have any questions regarding this information, please contact Ms. Vicky Sund at (701) 420-7020, Ms. Dayna Morton at (701) 420-7065 or me at (701) 420-7020.

Sincerely,

(b) (6) [redacted]

Kim Boles
Director, Bakken Operations

Attachments

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/24/2018

General Information					
Facility(s) Name:	Hess North Dakota (Bakken) Production Operations				
Facility (Field Office) Physical Address					
Street:	3015 16th Street SW, Suite 20				
City:	**Minot**		**County:** Ward		
State:	North Dakota	**Zipcode:**	58701		
Responsible Official					
Name:	Kim Boles	**Title:**	Director, Bakken Operations		
Email:	KBoles0hess.com	**Phone:**	701-420-6951	**Mobile:**	281-685-9587
Regulatory Contact					
Name:	Vicky Sund	**Title:**	Manager, Regulatory		
Email:	VSund@hess.com	**Phone:**	701-420-7020	**Mobile:**	701-570-5677
Report Preparer					
N.ime:	Dayna Morton	**Title:**	Regulatory Specialist		
Email:	DMorton@hess.com	**Phone:**	701-420-7065	**Mobile:**	701-389-7179

Affected Facilities	*Included in this report?*
Hydraulically Fractured Production Wells	S
LDAR Applicable Facilities - Compressors & Production	✓
Applicable Reciprocating Compressor Operating Hours	✓

Determined Non-Applicability For The Following Potentially Affected Facilities:

1. Gas Processing Sweetening Units
2. Gas Processing Leak Detection And Repair (LDAR)
3. Compressors - Centrifugal
4. Pneumatic Devices At Gas Processing Plants
5. Pneumatic Devices At Production Sites
6. Storage Vessels

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT
REPORTING PERIOD: 8/2/17 to 8/2/18

Certification

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete.

Kim Boles	Director, Bakken Operations
Name of Responsible Official	**Title**
(b) (6) [redacted]	10/24/2018
Signature of Responsible Official	**Date signed**

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/22/2017 to 8/22/2018

Affected Facilities: ***Hydraulically Fractured or Refractured Production Wells***

Any well completion with hydraulic fracturing or refracturing occurring at an affected facility. Digitial photograph, as allowed peT 40 CFR 60.5420a (c)(1)(v), noted as being attached in lieu of including detailed flowback data report.

Well Name	API #	Digital Photograph(s) Attached (40 CFR 60.5420a (c)(1)(v))	Flowback Data Report	Duration of Venting (hours) (40 CFR 60.5420a (c)(1)(H))
AN-DINWOODIE-153-94-2833H-2	33053076900000	Yes		0
AN-DINWOODIE-153-94-2833H-3	33053076910000	Yes		0
AN-DINWOODIE-LE-153-94-2833H-1	33053076920000	Yes		0
AN-DOUBLE BAR V-152-95-0106H-1	33053082060000	Yes		0
AN-DOUBLE BAR V-152-95-0106H-2	33053082070000	Yes		0
AN-DOUBLE BAR V-152-95-0106H-3	33053082080000	Yes		0
AN-GUDBRANSON-153-94-2215H-3	33053054510000	Yes		0
AN-GUDBRANSON-153-94-2215H-4	33053054520000	Yes		0
AN-GUDBRANSON-153-94-2215H-5	33053054530000	Yes		0
AN-GUDBRANSON-153-94-2215H-6	33053054540000	Yes		0
AN-GUDBRANSON-153-94-2215H-7	33053054550000	Yes		0
AN-GUDBRANSON-LW-153-94-2215H-1	33053078950000	Yes		0
AN-LONE TREE-152-95-1207H-1	33053064440000	Yes		0
AN-LONE TREE-152-95-1207H-2	33053080230000	Yes		0
AN-LONE TREE-152-95-1207H-3	33053080220000	Yes		0
BB-FEDERAL A-151-95-0910H-2	33053065230000	Yes		0
BB-FEDERAL A-151-95-0910H-3	33053065240000	Yes		0
BB-FEDERAL A-151-95-0910H-4	33053065250000	Yes		0
BB-FEDERAL A-151-95-0910H-5	33053065260000	Yes		0
BB-FEDERAL A-151-95-0910H-6	33053065270000	Yes		0
BB-LARS ROTHIE-151-95-3229H-5	33053076720000	Yes		0
BB-LARS ROTHIE-151-95-3229H-6	33053076730000	Yes		0
BB-LARS ROTHIE-151-95-3229H-7	33053076740000	Yes		0
BB-LARS ROTHIE-151-95-3229H-8	33053076750000	Yes		0
BB-LARS ROTHIE-LW-151-95-3229H-1	33053076760000	Yes		0
BB-OLE ANDERSON-151-95-3130H-9	33053079920000	Yes		0
BB-OLE ANDERSON-LW-151-95-3130H-1	33053079930000	No	Attached	0
BB-SIGRID LOOMER-150-95-0817H-4	33053081240000	Yes		0
BB-SIGRID LOOMER-150-95-0817H-5	33053081250000	Yes		0
BB-SIGRID LOOMER-150-95-0817H-6	33053081260000	Yes		0
BB-SIGRID LOOMER-150-95-0817H-7	33053081270000	Yes		0
BB-SIGRID LOOMER-150-95-0817H-8	33053081280000	Yes		0
BB-SIGRID LOOMER-150-95-0817H-9	33053081290000	Yes		0
BB-SIGRID LOOMER-LW-150-95-0817H-1	33053081300000	Yes		0
Du-STATE-151-96-3625H-10	33053080420000	Yes		0
BB-STATE-151-96-3625H-11	33053080410000	Yes		0
BB-STATE-151-96-3625H-6	33053080460000	Yes		0
BB-STATE-151-96-3625H-7	33053080450000	Yes		0
BB-STATE-151-96-3625H-8	33053080440000	Yes		0
BB-STATE-151-96-3625H-9	33053080430000	Yes		0
BB-STATE-LW-151-96-3625H-1	33053080400000	Yes		0
BL-AIVERSON-155-96-1312H-4	33105043250000	Yes		0
BL-AIVERSON-155-96-1312H-5	33105043240000	Yes		0
BL-AIVERSON-155-96-1312H-6	33105043230000	No	Attached	0

Well Name	API #	Digital Photograph(s) Attached (40 CFR 60.5420a (c)(1)(v))	Flowback Data Report	Duration of Venting (hours) (40 CFR 60.5420a (c)(1)(ii))
BL-A IVERSON-155-96-1312H-7	33105043220000	Yes		0
BL-A IVERSON-LE-155-96-1312H-1	33105043210000	Yes		0
BWHIIDSTROM-149-100-1201H-5	33053079940000	No	Attached	0
BWHIEDSTROM-LW-149-100-1201H-1	33053066460000	No	Attached	0
CA-E BURDICK-155-95-2017H-10	33105045160000	Yes		0
CA-E BURDICK-155-95-2017H-7	33105045190000	Yes		0
CA-E BURDICK-155-95-2017H-8	33105045180000	Yes		0
CA-E BURDICK-155-95-2017H-9	33105045170000	Yes		0
CA-E BURDICK-LW-155-95-2017H-1	33105045150000	No	Attached	0
CA-STANGELAND-155-95-2128H-8	33105042010000	Yes		0
EN-KULCZYK-154-94-2029H-10	33061037300000	Yes		0
EN-KULCZYK-154-94-2029H-5	33061037350000	Yes		0
EN-KULCZYK-154-94-2029H-6	33061037340000	Yes		0
EN-KULCZYK-154-94-2029H-7	33061037330000	Yes		0
EN-KULCZYK-154-94-2029H-8	33061037320000	Yes		0
EN-KULCZYK-154-94-2029H-9	33061037310000	Yes		0
EN-LEO E-154-94-2423H-10	33061037900000	Yes		0
EN-LEO E-154-94-2423H-11	33061037890000	Yes		0
EN-LEO E-154-94-2423H-12	33061040000000	No	Attached	0
EN-LEO E-154-94-2423H-8	33061037380000	Yes		0
EN-LEO E-154-94-2423H-9	33061037370000	Yes		0
EN-REHAK-LE-155-93-0718H-1	33061039290000	Yes		0
EN-SKABO TRUST-155-93-0631H-4	33061037580000	Yes		0
EN-SKABO TRUST-155-93-0631H-5	33061037590000	Yes		0
EN-SKABO TRUST-155-93-0631H-6	33061037600000	Yes		0
EN-SKABO TRUST-155-93-0631H-7	33061037610000	Yes		0
EN-VACHAL-155-93-0532H-6	33061038210000	Yes		0
EN-VACHAL-155-93-0532H-7	33061038220000	Yes		0
EN-VACHAL-155-93-0532H-8	33061038230000	Yes		0
EN-VACHAL-155-93-0532H-9	33061038240000	Yes		0
EN-VACHAL-LW-155-93-0532H-1	33061038250000	Yes		0
EN-VP AND R-154-94-2536H-10	33061040830000	Yes		0
EN-VP AND R-154-94-2536H-11	33061040840000	Yes		0
EN-VP AND R-154-94-2536H-12	33061040850000	Yes		0
EN-VP AND R-154-94-2536H-9	33061040820000	Yes		0
GO-VINGER-156-98-2116H-2	33105044490000	Yes		0
GO-VINGER-156-98-2116H-3	33105044480000	Yes		0
GO-VINGER-156-98-2116H-4	33105044470000	No	Attached	0
GO-VINGER-156-98-2116H-5	33105044460000	Yes		0
SC-1WX-152-99-0809H-6	33053078440000	Yes		0
SC-1WX-152-99-0809H-7	33053078450000	Yes		0
SC-1WX-152-99-0809H-8	33053078460000	Yes		0

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40 CFR 60SUBPAR OOOOi ANNLALKEPORT

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40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/12/2017

Gauge Information			
Company Name	Hess Bakken LLC, II		
Lease/Well	AN-DINWOODIE-LE-153-94-2833H-1	API #: 3305306620000	
Coordinates	LATITUDE/LONGITUDE: LAT (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & time	Rate MMscf/d	Amount MMscf
10/12/17 10:43 AM	10/12/17 12:00 PM	0X10	0.0000
Initial Production - Heater/Separator			
Start Date & Time	End Date & Time	Rate MMscf/d	Amount MMscf
10/12/17 12:00 PM	10/15/17 8:03 AM	3.32	8.7003
Initial Production - Flare Facility			
Start Date & Time	End Date & Time	Rate MMscf/d	Amount MMscf
10/12/17 12:00 PM	10/15/17 8:03 AM	0.40	0.4115
Production through facilities			
Start Date & Time	End Date & Time	Rate MMscf/d	Amount MMscf
10/15/17 8:03 AM	TBD	0.00	0.0000
Comments	nsiKtiBMhffMtfcaitorm irtag		
Responsible Party (?)			
Name	Luke Jones	Title	Site Supervisor
Email	david.stoot@Peschiloffice.com	Phone	307 675M7M
Mobile	307-670-47M		

Digital Attachment of equipment layout

(b) (9) [redacted]

(b) (9) [redacted]

40 CFR 60 SUSP/VR/TOOOOa | ANNX AL REPORT

REPORTING P[illegible]RK[illegible]D 8/2/17 to [illegible]2/1*

Datac 5/7/2018

Gnttru l Information			
Company Name	IW Bakker LLC. D		
Lease/Well:	AVDOL/BLEVAR V-152-1 M11W+1	API A 33053082080000	
Coordinate*	LATITUDE/LONG IUDE LAT [redacted] (b)		
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Prndurtiam rhr.mgh FactIttie*			
Start Dale A Time	End Date A rime	Rato; MM« I/d	Amount MM* t
5/12/18*35 AM	5/12/1* ≥36 AM	0,00	0 0000
Comments:	Flag at the direction of Production. Gas pipeline not in service.		
Reipott*tbU Party«7)			
Name:	Chm Srhaffff	TUIr Sab* Sufmim	
Email:	[illegible]	Phone: [illegible]	Mobile: [illegible]

(b) (9)

[redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 1/2/17 to 1/2/18

Date: V7/»1«

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Initial lourback			
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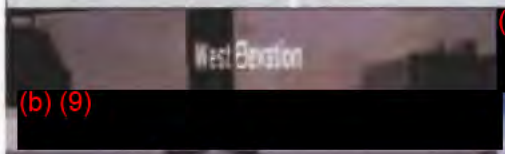
5/17/1* 1300 PM	5/2D/WH® AM	032	0.0151
Production th oagk Fanlitir			
Start Date A Time	End Date A Tima	Rata MMaef/d	Amount MMeef
5/20/14 *00 AM	5/20/1*901 AM	0.00	*.0000
Comments:	Flare at the direction of Production, flare pilot not in service at the request of production.		

Rupcmu ite Party 1?)			
Name:	Chris Schaffer	Title:	Site SupFIVBour
Email:	christopher.schaffer@hessbakken	Phon :	970314-4556 Mobile: V7D-M4-4856

Digital Attachment of equipment layout



(b) (9) [redacted]

(b) (9) [redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

40 CFR 60 SUBPART OOOOa | ANNUAL RF.PORT

REPORTING PERIOD */2/17 to */2/1i

Data 3/12/201*

Citmru l Information

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*Imtial Prodm ten • Flan fmnhtie**

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Comments: [illegible]

*Rr<f*oti ifcta Party <?>*

Name	Clwi* S Kaffer	TWr	SttaSufrrviw		
Emil	[illegible]	Phone	4WK3I4-498*	Motrtta	97031+439*

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(b) (9) [redacted]

(b) (9) [redacted]

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40CFR 60 SUBPAK OOOOa | ANNUAL REPORT

REPORTING PERIOD S/2/17 b> 8/2/IS

Data- 9/36/2017

Genera Information

Company Nmr	Hm Balkan LLC, II
LaaaqMatk	AN-GUDBRANSON-155-1 4-2215H-3 API f: 3306306451 00
C oordinatac	LATITUDE;/LONG TUDE LAT (b) (9) [redacted]

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C ommentw: Giving through 2016, it at the request of SOS

Re%fkm ikk Party (?> ii mi _M_

Name: Luke Jo»

Tit!r. Was™,,»,

Email: luke.jacks@hessmidstream.com

Phone: 701-340-2609 Mobile: 701-340-2609

Digital Attachment of equipment layout

(b) (9) [redacted]

(b) (9) [redacted]

HESS 40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 9/18/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-GUDBRANSON-153-94-2215H-4	API #: 33053054520000	
Coordinates:	LATITUDE/LONGITUDE: LAT (b) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/19/17 8:00 AM	9/19/17 9:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/19/17 9:00 AM	9/26/17 8:17 AM	2.38	14.8584
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/19/17 9:00 AM	9/26/17 8:17 AM	0.37	2.2588
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/26/17 8:17 AM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@technipfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9)

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 9/12/2017

General Information	
Company Name:	Hess Bakken LLC, II
Lease/Well:	AN-GUDBRANSON-153-94-2215H-5 API #: 33053054530000
Coordinates:	LATITUDE/LONGITUDE: LAT (b) (9) [redacted]

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/12/17 11:24 AM	9/12/17 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/12/17 12:00 PM	9/17/17 10:00 AM	2.21	5.5787
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/12/17 12:00 PM	9/17/17 10:00 AM	1.94	9.8438
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/15/17 1:00 AM	9/15/17 10:00 AM	3.06	1.0333
Comments:	**Explanation of cause to flare**		

Responsible Party (?)					
Name:	Luke Janis	Title:	Site Supervisor		
Email:	luke.janis@techniqfrac.com	Phone:	701-540-2699	Mobile:	701-540-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS 40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 9/7/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-GUDBRANSON-153-94-2215H-6	API #: 3305305454000	
Coordinates:	LATITUDE:/LONGITUDE:	LAT: (b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/7/17 10:35 AM	9/7/17 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/7/17 11:00 AM	9/12/17 1:00 AM	1.83	8.3481
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/7/17 11:00 AM	9/12/17 1:00 AM	1.66	7.4598
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/12/17 1:00 AM	9/12/17 8:00 AM	3.27	0.7952
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: Luke Janis	Title: Site Supervisor		
Email: luke.janis@techsinfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 9/2/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-GUDBRANSON-153-94-2215H-7	API #: 33053054560000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/3/17 12:10 PM	9/3/17 10:00 PM	4.02	1.3147
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/3/17 1:00 PM	9/7/17 12:00 AM	1.99	7.2022
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/3/17 1:00 PM	9/7/17 12:00 AM	1.27	4.2848
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
9/7/17 12:00 AM	9/7/17 7:00 AM	1.89	0.5163
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: Luke Janis	Title: Site Supervisor		
Email: luke.janis@technipFMC.com	Phone: 701-340-2699	Mobile: 701-340-2699	

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/2/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-GUDBRANSON-LW-153-94-2215H-1	API #: 33053078950000	
Coordinates:	LATITUDE/LONGITUDE: LAT (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/2/17 12:00 PM	10/2/17 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/2/17 1:00 PM	10/6/17 10:00 AM	2.94	7.8169
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/2/17 1:00 PM	10/6/17 10:00 AM	0.49	0.9866
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/6/17 10:00 AM	TBD	0.00	0.0000
Comments:	SOR (Ward) Requests FB flares all gas during well clean up.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@technipfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

[redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/30/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-LONE TREE-152-95-1207H-1	API #: 33053064440000	
Coordinates:	LATITUDE/LONGITUDE:	Lat: (b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/30/17 8:05 AM	11/30/17 10:00 AM	1.56	0.0651
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/30/17 10:00 AM	12/3/17 8:55 AM	2.74	8.0394
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/30/17 10:00 AM	12/3/17 8:55 AM	0.76	0.1635
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/3/17 8:55 AM	TBD	0.00	0.0000
Comments:	All gas flared at the request of production facility operator (Titan).		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@technipfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/3/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	AN-LONE TREE-152-95-1207H-2	API #: 33053080250000	
Coordinates:	LATITUDE/LONGITUDE:	Lat: (b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/3/17 11:50 AM	12/4/17 8:00 PM	2.42	1.7005
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/3/17 1:00 PM	12/7/17 7:00 AM	2.50	7.6395
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/3/17 1:00 PM	12/7/17 7:00 AM	0.68	0.6782
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/7/17 7:00 AM	12/7/17 8:25 AM	0.54	0.0162
Comments:	All gas flared through flowback at the request of the SRO.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@techsinfinc.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/7/2017

General Information			
Company Name:	Hess Bakken LLC, B		
Lease/Well:	AN-LONE TREE-152-95-1207H-3	API #: 33053080220000	
Coordinates:	LATITUDE / LONGITUDE:	Lat [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/7/17 11:55 AM	12/9/17 2:00 PM	1.65	0.4439
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/9/17 2:00 PM	12/12/17 7:00 AM	2.92	7.7868
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/9/17 2:00 PM	12/12/17 7:00 AM	0.25	0.0420
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/12/17 7:00 AM	12/12/17 8:00 AM	0.00	0.0000
Comments:	All gas flared through flowback at the request of the SRO.		
Responsible Party (?)			
Name: Luke Janis	Title: Site Supervisor		
Email: luke.janis@techniqfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699	

Digital Attachment of equipment layout

(b) (9)

[redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/10/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-FEDERAL A-151-95-0910H-2	API #: 33053085230000	
Coordinates:	LATITUDE/LONGITUDE: LAT (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 2:00 PM	4/10/18 5:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 5:00 PM	4/13/18 10:00 AM	0.75	2.0896
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 5:00 PM	4/13/18 10:00 AM	0.96	2.6975
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/13/18 10:00 AM	TBD	0.00	0.0000
Comments:	Flare at direction of lease operator. Gas temperature to high for pipe line.		

Responsible Party (?)					
Name:	Benjamin Banks	Title:	Site Supervisor		
Email:	benjamin.banks2@technipfmc.com	Phone:	701-509-7060	Mobile:	701-509-7060

Digital Attachment of equipment layout

(b) (9)

[redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 5/25/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-FEDERAL A-151-95-0910H-3	API #: 3305306540000	
Coordinates:	LATITUDE:/LONGITUDE:	LAT (b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/25/18 8:00 AM	5/25/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/25/18 12:00 PM	5/27/18 8:00 AM	0.66	1.1950
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/25/18 12:00 PM	5/27/18 8:00 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/27/18 8:00 AM	5/27/18 8:15 AM	0.00	0.0000
Comments:	All gas to productioin facilities at the request of SRO.		

Responsible Party (?)					
Name:	Alex Feierabend	Title:	Site Supervisor		
Email:	Alexander.Feierabend@technipfm	Phone:	701-389-1428	Mobile:	701-389-1428

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/14/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-FEDERAL A-151-95-0910H-4	API #: 33053065250000	
Coordinates:	LATITUDE/LONGITUDE: LAT (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/14/18 8:10 AM	4/14/18 9:15 AM	0.60	0.0250
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/14/18 9:17 AM	4/18/18 1:08 PM	0.70	2.9611
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/14/18 9:17 AM	4/18/18 1:08 PM	0.98	4.1208
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/18/18 1:08 PM	TBD	0.00	0.0000
Comments:	Flare at direction of lease operator. Gas temperature to high for pipe line.		

Responsible Party (?)

Name: Benjamin Banks Title: Site Supervisor

Email: benjamin.banks2@technipfmc.co Phone: 701-509-7060 Mobile: 701-509-7060

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/9/2018

General Information

Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-FEDERAL A-151-95-0910H-5	API #:	33053065260000
Coordinates:	LATITUDE/LONGITUDE: LAT: (b) (9) [redacted]		

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 8:50 AM	4/19/18 9:52 AM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 9:52 AM	4/23/18 9:25 AM	2.11	7.7319

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 9:52 AM	4/23/18 9:25 AM	0.87	3.1627

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 9:25 AM	4/23/18 9:26 AM	0.00	0.0000

Comments: Flare at direction of lease operator. Gas temperature to high for pipe line.

Responsible Party (I)

Name:	Benjamin Banks	Title:	Site Supervisor		
Email:	benjamin.banks2@technipfmc.com	Phone:	701-509-7060	Mobile:	701-509-7060

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/9/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-FEDERAL A-151-95-0910H-6	API #: 33053085270000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 12:05 PM	4/25/18 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 1:00 PM	4/26/18 9:22 AM	1.84	5.2483
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 1:00 PM	4/26/18 9:22 AM	0.93	2.6438
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/26/18 9:22 AM	4/26/18 9:32 AM	0.00	0.0000
Comments:	Flare at direction of lease operator, flas temperature to high for pipe line.		
Responsible Party (?)			
Name:	Benjamin Banks	Title:	Site Supervisor
Email:	benjamin.banks2@technipfmc.com	Phone:	701-509-7060
Mobile:	701-509-7060		

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/17/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-LARS ROTHIE-151-95-3229H-5	API #: 33053076720000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 11:35 AM	11/17/17 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 1:00 PM	11/20/17 7:00 AM	1.14	3.0256
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 1:00 PM	11/20/17 7:00 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/20/17 7:00 AM	11/20/17 8:00 AM	0.00	0.0000
Comments:	Flaring all gas as per SRO request during flowback OPS.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@technipfmc.com	Phone: 701-340-2600	Mobile: 701-340-2600

Digital Attachment of equipment layout

(b) (9) [redacted]

(b) (9) [redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/11/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-LARS ROTHIE-151-95-3228H-6	API #: 33053076730000	
Coordinates:	LATITUDE:/LONGITUDE:	(b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/11/17 10:55 AM	11/11/17 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/11/17 12:00 PM	11/17/17 6:00 AM	3.27	18.5061
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/11/17 12:00 PM	11/17/17 6:00 AM	0.31	0.8370
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 6:00 AM	11/17/17 8:10 AM	0.43	0.0193
Comments:	Flaring all gas as per SRO request during flowback OPS.		
Responsible Party (?)			
Name:	Luke Janis	Title: Site Supervisor	
Email:	luke.janis@techniqhse.com	Phone: 701-340-2699	Mobile: 701-340-2699

(b) (9)

[redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/6/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-LARS ROTHIE-151-95-3229H-7	API #: 33053076740000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/6/17 1:40 PM	11/6/17 3:00 PM	2.42	0.0592
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/6/17 3:00 PM	11/11/17 7:00 AM	3.41	15.7048
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/6/17 3:00 PM	11/11/17 7:00 AM	0.44	2.0477
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/11/17 7:00 AM	11/11/17 8:45 AM	2.29	0.0960
Comments:	Flaring at the request of SRO during flowback process.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@techniqfmc.com	Phone:	701-340-2699 Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/3/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-LARS ROTHIE-151-95-3229H-8	API #: 33053076750000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/3/17 11:40 AM	11/3/17 1:00 PM	5.30	0.1355
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/3/17 1:00 PM	11/6/17 7:00 AM	5.65	10.0025
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/3/17 1:00 PM	11/6/17 7:00 AM	0.84	2.3526
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/6/17 7:00 AM	11/6/17 8:15 AM	0.00	0.0000
Comments:	Flaring at the request of SRO during flowback process.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@technipfmc.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/28/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-LARS ROTHIE-LW-15-95-3229H-1		API #: 33053070700000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/29/17 12:30 PM	10/29/17 3:00 PM	3.41	0.1419

Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/29/17 3:00 PM	11/3/17 8:00 AM	3.02	14.1507

Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/29/17 3:00 PM	11/3/17 8:00 AM	0.84	3.7251

Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000

Comments: Flaring through TFMC is at the request of SRO during flowback/cleanout operations.

Responsible Party (?)					
Name:	Luke Jarvis	Title:	Site Supervisor		
Email:	luke.jarvis@technipfmc.com	Phone:	701-540-2699	Mobile:	701-540-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/13/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-OLE ANDERSON-151-95-3130H-9	API #: 33053070920000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 11:00 AM	12/13/17 1:00 PM	1.27	0.0793
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 1:00 PM	12/16/17 12:00 AM	2.92	8.2873
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 1:00 PM	12/16/17 12:00 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (7)			
Name:		Title:	
Email:	ystraughen@newfoto.com	Phone: 208.699.6218	Mobile: 208.699.6218

Digital Attachment of equipment layout

(b) (9) [redacted]

Version 20170218

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY	
Company Name	Hess
Well Name	89-CLE ANDERSON LW 151-95-31-30H-1
API Number	3-33-015-1-13
Total Work Depth	0
Depth	98
Formation	11
Rock Type	
Date on Location	12/15/2017
First Flowback Date	12/16/17 12:00 AM
Completed Conditions	
Reservoir Continuous	
Frac Control	
H2S Sample Point Pressure (Psi)	PSI

FRAC JOB SUMMARY		
Type Frac Job	Hydraulic	
Total Clean Fluid Pumped	75,880	BBLS
Total Sand Pumped	4,197,798	LBS
Proppant # Stages	30	Stages
Chemicals Stages	30	Stages

REFER TO COMMENTS ON CELLS FOR GUIDANCE
DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event Phase	Date MM/DD/YY - TIME	Remarks	Flared Gas Rate (Psi Mfscfd)	Sales Gas Rate Mfscfd	Oil Volume bbl/hr	Water Volume bbl/hr	Tubing Press psig	Choke Size in / # Adj	Duration hrs	Cum Time hrs	Oil Daily bbl/day	Total Fluid bbl/hr	Oil Cum bbl	Oil Cut %	Water Cut %	Water Daily bbl/day	Water Cum bbl	Load Recovery %	Total Liq Cum bbl	Flared Gas Cum Mfscf	Sales Gas Cum MMSCF	Total Gas Cum MMSCF	GOR scf/bbl	BTPHFTP (bbls/psi)	Cum FTPHFTP bbl/psi	LPI (psi/bbl)	BOBbags (bbls/bg)	SORT (lb /mscf*ft)	EVT (#)
	12/15/17 5:00	Report start time	0.00	0.00	0	0	500	0	0.00	0	0.00	0	0				0		0	0.00	0.00	0.00		0.0	0.0		0.0	0.0	0
Standard Work	12/16/17 10:00 AM	Rig off Anderson LW, Purge mae and begin rig upto Anderson LW 1	0.00	0.00	0	0	0	0	4.00	0.00	0.00	0.00	0.00			0.00	0.00	0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Standard Work	12/16/17 2:30 PM	Rig up complete. EBD Function Test passed	0.00	0.00	0	0	0	0	6.50	4.50	0.00	0.00	0.00			0.00	0.00	0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Standard Work	12/16/17 2:40 PM	Pressure test flowback equipment with well pressure	0.00	0.00	0	0	0	0	0.20	4.67	0.00	0.00	0.00			0.00	0.00	0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Standard Work	12/16/17 3:00 PM	Pressure test passed. Open up on 24/64th to test vessel	0.00	0.00	0	0	850	24	1.00	5.67	0.00	0.00	0.00			0.00	0.00	0.0%	0.00	0.00	0.00	0.00		0.0	0.0		0.0	0.0	0
Initial Flowback	12/16/17 4:00 PM	Gas was only surface @ 10:00, surge vessel and spike flare @ 10:15. Check all valves/valves, begin ramping up to production @ 500psi, increase choke to 28/64" @ 15:01 am	1.00	0.00	0	22	2400	24	1.00	6.67	0.00	22.00	0.00	0.00%	100.00%	528.00	22.00	0.1%	22.00	0.00	0.00	0.00		0.0	0.0		0.0	0.0	0
Initial Production	12/16/17 5:00 PM	5:01 pm increase to 28/64" Choke	2.71	0.00	56	45	2300	24	1.00	7.67	1440.00	101.00	56.00	48.28%	31.64%	1511.00	107.00	0.5%	214.00	0.12	0.00	0.12	1411.765	0.1	0.1	1.0	25.0	3.6	0
Initial Production	12/16/17 6:00 PM	H2S Sample: 5 ppm, WW: 0.8 ppg, API = 44.4 @60°	2.83	0.00	67	69	2000	24	1.00	8.67	1608.00	180.00	124.00	54.91%	42.48%	1848.00	227.00	0.9%	351.00	0.15	0.00	0.28	1751.647	0.1	0.2	0.8	34.1	2.8	0
Initial Production	12/16/17 7:00 PM		2.95	0.00	120	54	1900	24	1.00	9.67	2640.00	174.00	244.00	68.96%	31.03%	1296.00	279.00	1.3%	523.00	0.43	0.00	0.43	2476.190	0.1	0.4	0.4	50.4	3.8	0
Initial Production	12/16/17 8:00 PM	H2S Sample: 3 ppm	3.07	0.00	144	50	2900	30	1.00	10.67	3456.00	194.00	428.00	74.23%	25.77%	1200.00	329.00	1.5%	757.00	0.52	0.00	0.52	3428.571	0.1	0.4	0.5	57.6	3.5	0
Initial Production	12/16/17 9:00 PM	9:01 pm Decrease to 26/64" Choke	2.88	0.00	153	40.75	2900	30	1.00	11.67	3672.00	190.75	575.00	80.60%	21.40%	1100.00	375.75	1.7%	934.75	0.60	0.00	0.60	3157.895	0.1	0.5	0.5	61.2	3.3	0
Initial Production	12/16/17 10:00 AM		2.84	0.00	136	35.74	2900	28	1.00	12.67	3648.00	171.74	708.00	79.42%	20.11%	861.00	411.49	1.9%	1120.49	0.77	0.00	0.77	4444.000	0.1	0.6	0.6	60.8	3.5	0
Initial Production	12/16/17 11:00 AM	11:01 pm Decrease to 24/64" Choke	2.72	0.00	112	30.74	2800	28	1.00	13.67	3360.00	142.74	820.00	78.43%	21.57%	828.00	442.23	2.0%	1262.23	0.90	0.00	0.90	5000.000	0.1	0.6	0.6	54.0	3.9	0
Initial Production	12/16/17 12:00 AM	H2S Sample: 3 ppm	2.60	0.00	88	26.72	2700	24	1.00	14.67	2112.00	114.72	908.00	76.67%	23.33%	687.00	468.95	2.1%	1376.95	1.00	0.00	1.00	5555.556	0.0	0.6	0.4	47.3	4.7	0
Initial Production	12/17/17 1:00 AM		2.50	0.00	58	26.72	2700	24	1.00	15.67	1392.00	111.72	1000.00	76.81%	23.19%	643.00	495.67	2.2%	1495.67	1.09	0.00	1.09	6111.111	0.0	0.6	0.3	35.4	5.8	0
Initial Production	12/17/17 2:00 AM	H2S Sample: 3 ppm, WW: 0.8 ppg, API = 43.4 @60°	2.40	0.00	50	26	2700	24	1.00	16.67	1200.00	101.00	1100.00	76.84%	23.16%	602.00	520.67	2.3%	1620.67	1.20	0.00	1.20	6722.222	0.0	0.6	0.3	31.2	6.0	0
Initial Production	12/17/17 3:00 AM	H2S Sample: 3 ppm	2.31	0.00	38	26	2600	24	1.00	17.67	912.00	101.00	1200.00	74.03%	25.96%	702.00	546.67	2.3%	1746.67	1.30	0.00	1.30	7222.222	0.0	0.7	0.3	30.0	4.7	0
Initial Production	12/17/17 4:00 AM		2.21	0.00	48	24	2600	24	1.00	18.67	1152.00	72.00	1248.00	66.67%	33.33%	504.00	570.67	2.5%	1818.67	1.40	0.00	1.40	7777.778	0.0	0.7	0.3	24.0	4.2	0
Initial Production	12/17/17 5:00 AM		2.40	0.00	39.01	30.00	2600	24	1.00	19.67	1248.24	120.00	1300.01	74.67%	25.33%	721.35	610.22	2.6%	1931.23	1.51	0.00	1.51	8333.333	0.0	0.8	0.3	38.9	4.4	0
Initial Production	12/17/17 6:00 AM	H2S Sample: 5 ppm, WW: 0.9 ppg, API = 43.8 @60°	2.46	0.00	50	30.01	2600	24	1.00	20.67	1200.00	110.01	1350.01	64.94%	35.02%	840.00	650.23	2.9%	2100.23	1.61	0.00	1.61	8888.889	0.0	0.8	0.3	40.0	4.8	0
Initial Production	12/17/17 7:00 AM		2.52	0.00	74	28.34	2600	24	1.00	21.67	1776.00	102.34	1350.01	72.21%	27.79%	681.36	680.48	3.0%	2230.48	1.72	0.00	1.72	9444.444	0.0	0.8	0.3	29.6	4.6	0
Initial Production	12/17/17 8:00 AM	H2S Sample: 3 ppm	2.52	0.00	61	31.67	2600	24	1.00	22.67	1464.00	122.67	1400.01	74.19%	25.82%	760.00	712.15	3.0%	2361.16	1.83	0.00	1.83	10000.000	0.0	0.9	0.3	36.6	4.7	0
Initial Production	12/17/17 9:00 AM		2.51	0.00	83.99	36.41	2600	24	1.00	23.67	2015.92	152.00	1517.94	74.73%	25.28%	681.84	735.56	3.0%	2493.56	1.93	0.00	1.93	10555.556	0.0	0.9	0.4	50.4	4.8	0
Initial Production	12/17/17 10:00 AM	H2S Sample: 5 ppm, WW: 0.9 ppg, API = 44 @60°	2.51	0.00	91	35.36	2600	24	1.00	24.67	2184.00	144.00	1608.94	76.22%	23.78%	681.48	780.92	3.0%	2582.92	2.03	0.00	2.03	11100.000	0.0	1.0	0.4	36.4	4.9	0
Initial Production	12/17/17 11:00 AM		2.48	0.00	98	32.32	2600	24	1.00	25.67	2352.00	131.32	1706.94	74.93%	25.07%	756.00	821.28	3.0%	2704.27	2.13	0.00	2.13	11666.667	0.0	1.0	0.4	26.2	5.0	0
Initial Production	12/17/17 12:00 PM	H2S Sample: 0 ppm	2.52	0.00	80	30.67	2600	24	1.00	26.67	1920.00	110.67	1806.94	74.77%	25.23%	792.00	852.95	3.0%	2659.94	2.24	0.00	2.24	12222.222	0.0	1.1	0.5	30.0	5.1	0
Initial Production	12/17/17 1:00 PM		2.51	0.00	81	34	2600	24	1.00	27.67	1944.00	115.00	1887.94	70.51%	29.49%	720.00	886.95	3.0%	2774.94	2.34	0.00	2.34	12777.778	0.0	1.1	0.5	34.4	5.0	0
Initial Production	12/17/17 2:00 PM	H2S Sample: 0 ppm, WW: 0.8 ppg, API = 44.3 @60°	2.49	0.00	90	32	2600	24	1.00	28.67	2160.00	122.00	1969.94	74.59%	25.40%	720.00	920.95	3.1%	2890.94	2.45	0.00	2.45	13333.333	0.0	1.2	0.5	38.1	5.3	0
Initial Production	12/17/17 3:00 PM		2.49	0.00	92	31	2600	24	1.00	29.67	2208.00	123.00	2092.94	75.00%	25.00%	744.00	955.95	3.1%	3048.94	2.56	0.00	2.56	13888.889	0.0	1.2	0.5	38.3	5.4	0
Initial Production	12/17/17 4:00 PM	H2S Sample: 0 ppm	2.48	0.00	88	30.33	2600	24	1.00	30.67	2112.00	118.33	2180.94	74.87%	25.13%	732.00	986.28	3.2%	3167.22	2.67	0.00	2.67	14444.444	0.0	1.3	0.5	35.2	5.5	0
Initial Production	12/17/17 5:00 PM	H2S Sample: 0 ppm, WW: 0.8 ppg, API = 43.5 @60°	2.51	0.00	92	32	2600	24	1.00	31.67	2208.00	124.00	2272.94	74.19%	25.81%	744.00	1018.28	3.3%	3290.28	2.78	0.00	2.78	15000.000	0.0	1.4	0.5	36.8	5.6	0
	12/17/17 6:00 PM	High tank level at facility, well shut in 6:02 pm - 6:45 pm	0.00	0.00	0	0	0	0	0.58	32.25	0.00	0.00	2272.94			0.00	1018.28	3.3%	3290.28	2.78	0.00	2.78					0.0	0.0	0
Initial Production	12/17/17 7:00 PM		2.54	0.00	84	29.84	2600	24	1.00	33.25	2016.00	113.84	2356.94	74.29%	25.71%	717.74	1048.13	3.3%	3404.87	2.87	0.00	2.87	16000.000	0.0	1.5	0.6	33.6	5.7	0
Initial Production	12/17/17 8:00 PM	H2S Sample: 0 ppm	2.53	0.00	81	30	2600	24	1.00	34.25	1944.00	111.00	2437.94	73.11%	26.89%	744.00	1078.13	3.3%	3522.87	2.97	0.00	2.97	16666.667	0.0	1.5	0.6	32.4	5.8	0
Initial Production	12/17/17 9:00 PM		2.58	0.00	87	31	2600	24	1.00	35.25	2088.00	118.00	2518.94	73.93%	26.08%	732.00	1109.13	3.4%	3627.87	3.18	0.00	3.18	17333.333	0.0	1.6	0.6	34.8	5.9	0
Initial Production	12/17/17 10:00 PM	H2S Sample: 0 ppm, WW: 0.8 ppg, API = 43.5 @60°	2.57	0.00	88	31	2600	24	1.00	36.25	2112.00	119.00	2600.94	73.94%	26.06%	744.00	1150.13	3.4%	3742.87	3.29	0.00	3.29	18000.000	0.0	1.6	0.6	35.2	6.0	0
Initial Production	12/17/17 11:00 PM		2.58	0.00	77	30	2600	24	1.00	37.25	1848.00	108.00	2677.94	71.64%	28.36%	768.00	1183.13	3.4%	3861.87	3.38	0.00	3.38	18666.667	0.0	1.6	0.7	30.8	6.1	0
Initial Production	12/18/17 12:00 AM	H2S Sample: 0 ppm	2.53	0.00	76	28	2600	24	1.00	38.25	1824.00	104.00	2753.94	71.15%	28.85%	696.00	1182.13	3.5%	4036.87	3.52	0.00	3.52	19333.333	0.0	1.8	0.8	30.4	6.2	0
Initial Production	12/18/17 1:00 AM		2.53	0.00	81	28.13	2600	24	1.00	39.25	1944.00	111.13	2834.94	70.70%	29.30%	675.00	1180.13	3.5%	4152.87	3.64	0.00	3.64	20000.000	0.0	1.7	0.8	34.4	6.3	0
Initial Production	12/18/17 2:00 AM	H2S Sample: 0 ppm, WW: 0.8 ppg, API = 43.5 @60°	2.50	0.00	84	32	2600	24	1.00	40.25	2016.00	116.00	2916.94	72.41%	27.59%	744.00	1211.13	3.5%	4427.87	3.75	0.00	3.75	20666.667	0.0	1.7	0.8	33.6	6.3	0
Initial Production	12/18/17 3:00 AM	3:01 AM increase to 28/64" Choke	2.49	0.00	90	30	2600	24	1.00	41.25	2160.00	116.00	3036.94	74.14%	25.87%	720.00	1241.13	3.6%	4667.87	3.87	0.00	3.87	21333.333	0.0	1.8	0.8	36.0	6.4	0
Initial Production	12/18/17 4:00 AM	Sending water to flowback tanks, all to production, and gas to flare. H2S Sample: 0 PPM	2.50	0.00	80	26	2600	24	1.00	42.25	2080.00	106.00	3142.94	75.00%	25.00%	720.00	1267.13	3.6%	4887.87	3.97	0.00	3.97	21666.667	0.0	1.8	0.8	34.8	6.5	0
Initial Production	12/18/17 5:00 AM		2.54	0.00	81	24.1	2600	24	1.00	43.25	1944.00	105.13	3247.94	77.00%	23.00%	663.00	1290.13	3.7%	5037.87	4.02	0.00	4.02	22222.222	0.0	1.9	0.8	34.2	6.6	0
Initial Production	12/18/17 6:00 AM	H2S Sample: 0 ppm	2.48	0.00	82	25.75	2600	24	1.00	44.25	2232.00	107.75	3329.94	77.03%	22.97%	648.00	1315.88	3.7%	5144.87	4.13	0.00	4.13	22777.778	0.0	2.0	0.8	33.5	6.6	0
Initial Production	12/18/17 7:00 AM		2.48	0.00	80	27.72	2600	24	1.00	45.25	2160.00	107.72	3409.94	75.72%	24.28%	741.00	1343.60	3.7%	5248.60	4.23	0.00	4.23	23333.333	0.0	2.0	0.8	33.6	6.7	0
Initial Production	12/18/17 8:00 AM	H2S Sample: 0 ppm	2.46	0.00	81	30	2600	24	1.00	46.25	1944.00	111.00	3490.94	73.00%	26.99%	720.00	1402.60	3.8%	5351.60	4.33	0.00	4.33	23888.889	0.0	2.1	0.8	32.4	6.8	0
Initial Production	12/18/17 9:00 AM		2.46	0.00	80	30	2600	24	1.00	47.25	1920.00	110.00	3570.94	72.73%	27.27%	720.00	1432.60	3.8%	5440.60	4.43	0.00	4.43	24444.444	0.0	2.1	0.8	32.0	6.8	0
SFT	12/18/17 9:30 AM	Well in well due to production facility tore running repairs from 0800 - 1130			16	20.07			1.00	48.25	384.00	152.13	3604.85	36.04%	63.97%	540.00	1459.60	3.8%	5504.60	4.43	0.00	4.43	0			1.0	34.4	6.3	0
Initial Production	12/18/17 11:30 AM	Re-open well @ 1100 hrs	2.50	0.00	0	0.67	2600	24	0.50	48.80	0.00	0.67	3604.85			0.67	1460.27	3.8%	5504.60	4.43	0.00	4.43					0.0	7.0	0
Initial Production	12/18/17 12:00 PM	H2S Sample: 0 ppm	2.50	0.00	20	1.67	2600	24	1.00	49.80	480.00	21.67	3684.85	93.29%	6.71%	48.00	1461.93	3.8%	5416.93	4.53	0.00	4.53	5206.875	0.0	0.1	0.0	6.0	7.1	0
Initial Production	12/18/17 1:00 PM		2.47	0.00	40	31.72	2600	24	1.00	50.80	960.00	71.72	3724.85	55.77%	44.23%	792.00	1493.65	3.8%	5536.65	4.63	0.00	4.63	5128.099	0.0	0.2	0.0	13.6	7.1	0
Initial Production	12/18/17 2:00 PM	H2S Sample: 0 ppm, WW: 0.8 ppg, API = 43.4 @60°	2.47	0.00	31	30	2600	24	1.00	51.80	744.00	101.00	3755.85	30.69%	69.31%	720.00	1523.65	3.9%	5647.65	4.74	0.00	4.74	5106.000	0.0	0.2	0.0	24.8	7.2	0
Initial Production	12/18/17 3:00 PM	3:01 AM increase to 28/64" Choke	2.46	0.00	30	30	2600	24	1.00	52.80	720.00	90.00	3785.85	33.33%	66.67%	720.00	1553.65	4.0%	5773.65	4.84	0.00	4.84	5333.333	0.0	0.3	0.0	28.8	7.3	0
Initial Production	12/18/17 4:00 PM	Sending water to flowback tanks, all to production, and gas to flare. H2S Sample: 0 PPM	2.49	0.00	30	28.33	2600	24	1.00	53.80	720.00	88.33	3813.85	33.96%	66.04%	681.00	1581.65	4.0%	5895.65	4.94	0.00	4.94	5555.556	0.0	0.4	0.0	27.2	7.4	0
Initial Production	12/18/17 5:00 PM		2.53	0.00	31	31.67	2600	24	1.00	54.80	744.00	94.67	3844.85	32.75%	67.25%	760.00	1613.65	4.0%	5957.65	5.05	0.00	5.05	5777.778	0.0	0.4	0.0	28.4	7.5	0
Initial Production	12/18/17 6:00 PM	H2S Sample: 0 ppm, WW: 0.7 ppg, API = 43.4 @60°	2.53	0.00	31	33.4	2600	24	1.00	55.80	744.00	97.40	3875.85	31.74%	68.26%	801.60	1646.60	4.0%	6145.60	5.16	0.00	5.16	6000.000	0.0	0.5	0.0	29.4	7.5	0
Initial Production	12/18/17 7:00 PM		2.51	0.00	30	31.73	2400	24	1.00	56.80	720.00	101.73	3905.85	29.97%	70.03%	840.00	1686.60	4.1%	6285.60	5.27	0.00	5.27	6333.333	0.0	0.5	0.0	30.0	7.5	0
Initial Production	12/18/17 8:00 PM	H2S Sample: 0 ppm	2.50	0.00	31	30.33	2400	24	1.00	57.80	744.00	91.33	3936.85	33.94%	66.06%	792.00	1726.60	4.2%	6396.60	5.38	0.00	5.38	6666.667	0.0	0.6	0.0	30.4	7.6	0
Initial Production	12/18/17 9:00 PM		2.50	0.00	30	28.34	2400	24	1.00	58.80	720.00	88.34	3966.85	34.09%	65.91%	681.00	1754.60	4.3%	6486.60	5.49	0.00	5.49	6944.444	0.0	0.6	0.0	29.0	7.7	0
Initial Production	12/18/17 10:00 PM	H2S Sample: 0 ppm, WW: 0.7 ppg, API = 43.5 @60°	2.50	0.00	32	30.72	2400	24	1.00	59.80	768.00	93.72	4000.85	34.13%	65.87%	747.00	1784.60	4.3%	6552.60	5.60	0.00	5.60	7222.222	0.0	0.7	0.0	30.0	7.8	0
Initial Production	12/18/17 11:00 PM		2.50	0.00	30	30.00	2400	24	1.00	60.80	720.00	90.00	4030.85	33.33%	66.67%	720.00	1814.60	4.3%	6622.60	5.70	0.00	5.70	7500.000	0.0	0.7	0.0	30.0	7.8	0
Initial Production	12/19/17 12:00 AM	H2S Sample: 0 ppm	2.50	0.00	30	28.00	2400	24	1.00	61.80	720.00	88.00	4060.85	34.09%	65.91%	696.00	1842.60	4.4%	6702.60	5.81	0.00	5.81	7777.778	0.0	0.8	0.0	29.4	7.9	0
Initial Production	12/19/17 1:00 AM		2.50	0.00	30	28.33	2400	24	1.00	62.80	720.00	88.33	4090.85	34.09%	65.91%	696.00	1870.60	4.4%	6772.60	5.92	0.00	5.92	8055.556	0.0	0.8	0.0	29.4	7.9	0
Initial Production	12/19/17 2:00 AM	H2S Sample: 0 ppm, WW: 0.7 ppg, API = 43.5 @60°	2.53	0.00	30	28	2400	24	1.00	63.80	720.00	88.00	4120.85	34.09%	65.91%	696.00	1898.60	4.5%	6842.60	6.03	0.00	6.03	8333.333	0.0	0.9	0.0	29.4	8.0	0
Initial Production	12/19/17 3:00 AM		2.53	0.00	30	30	2400	24	1.00	64.80	720.00	90.00	4150.85	33.33%	66.67%	720.00	1928.60	4.5%	6912.60	6.14	0.00	6.14	8611.111	0.0	0.9	0.0	30.0	8.0	0
Initial Production	12/19/17 4:00 AM	Sending water to flowback tanks, all to production, and gas to flare. H2S Sample: 0 PPM. H2S Air Increase to 28/64" Choke	2.54	0.00	31	25	2400	24	1.00	65.80	744.00	81.00	4180.85	38.27%	61.73%	600.00	1953.60	4.6%	7047.60	6.24	0.00	6.24	8888.889	0.0	0.9	0.0	24.8	8.1	0
Initial Production	12/19/17 5:00 AM		2.68	0.00	40	28	2400	24	1.00	66.80	960.00	108.00	4240.85	37.04%	62.96%	672.00	2025.60	4.7%	7265.60	6.35	0.00	6.35	9166.667	0.1	0.9	0.0	33.6	8.2	0
Initial Production	12/19/17 6:00 AM	H2S Sample: 0 ppm	2.70	0.00	40	28	2300	24	1.00	67.80	960.00	108.00	4280.85	37.04%	62.96%	672.00	2093.60	4.8%	7373.60	6.47	0.00	6.47	9444.444	0.1	0.9	0.0	33.6	8.2	0
Initial Production	12/19/17 7:00 AM		2.69	0.00	40	30	2200	24	1.00	68.80	960.00	110.00	4307.85	36.36%	63.64%	720.00	2163.60	4.9%	7491.60	6.58	0.00	6.58	9722.222	0.1	0.9	0.0	33.6	8.3	0
Initial Production	12/19/17 8:00 AM		2.69	0.00	40	31.7	2200	24	1.00	69.80	960.00	111.70	4347.85	35.57%	64.43%	760.00	2243.60	5.0%	7591.60	6.69	0.00	6.69	9944.444	0.1	0.9	0.0	33.8	8.4	0
Production through Facilities	12/19/17 9:00 AM	Well shut in and turned over to production. Maximum Flowback Complete	2.63	0.00	110	46.1	2400	24	0.00	71.00	2640.00	156.10	4507.85	70.47%	29.53%	690.00	2433.60	5.1%	7937.45	6.80	0.00	6.80	10444.444	0.1	0.9	0.0	46.4	8.4	0

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/25/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-4	API #: 33053081240000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/24/18 12:00 PM	6/26/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/26/18 12:00 PM	6/29/18 8:15 AM	2.99	7.2412
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/26/18 12:00 PM	6/29/18 8:15 AM	0.33	0.6665
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/29/18 8:15 AM	6/29/18 8:16 AM	0.00	0.0000
Comments:	Flare at the direction of Lease Operator, due to high pipeline pressure.		

Responsible Party (?)

Name: David Abbott Title: Site Supervisor

Email: david.abbott@technipfmc.com Phone: 307-679-4764 Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/29/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-5	API #: 33053084250000	
Coordinates:	LATITUDE:/LONGITUDE: LAT: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/29/18 11:00 AM	6/29/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/29/18 12:00 PM	7/2/18 8:00 AM	2.64	7.3934
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/29/18 12:00 PM	7/2/18 8:00 AM	0.26	0.7129
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/2/18 8:00 AM	7/2/18 8:01 AM	0.00	0.0000
Comments:	Flare as directed by Lease Operator. High gas/flow pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@techniqfms.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 7/2/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-6	API #: 33053081260000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/2/18 11:00 AM	7/2/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/2/18 12:00 PM	7/4/18 8:10 AM	3.24	5.9285
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/2/18 12:00 PM	7/4/18 8:10 AM	0.27	0.4980
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/4/18 8:10 AM	7/4/18 8:11 AM	0.00	0.0000
Comments:	Flare as directed by Lease Operator. High pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 7/7/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-7	API #: 33053091270000	
Coordinates:	LATITUDE / LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/7/18 10:00 AM	7/7/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/7/18 11:00 AM	7/10/18 8:00 AM	2.82	7.8654
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/7/18 11:00 AM	7/10/18 8:00 AM	0.52	0.4139
Production Through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/10/18 8:00 AM	7/10/18 8:01 AM	0.00	0.0000
Comments:	Flare as directed by Lease Operator, High pipeline pressure, High gas temperature.		

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technipfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 7/30/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-8	API #: 33053081200000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/11/18 7:47 AM	7/11/18 8:00 AM	0.00	0.0000

Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/11/18 8:00 AM	7/13/18 8:45 AM	3.49	6.9865

Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/11/18 8:00 AM	7/13/18 8:45 AM	0.20	0.3873

Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/13/18 8:45 AM	7/13/18 8:46 AM	0.00	0.0000

Comments: Flare as directed by Lease Operator. High pipeline pressure. High gas temperature.

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technipfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

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(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 7/13/2018

General Information			
Company Name:	Hess Bakken LLC, B		
Lease/Well:	BB-SIGRID LOOMER-150-95-0817H-9	**API #:** 33053081290000	
Coordinates:	LATITUDE / LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/13/18 10:45 AM	7/13/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/13/18 11:00 AM	7/16/18 8:00 AM	2.90	8.3421
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/13/18 11:00 AM	7/16/18 8:00 AM	0.46	1.1081
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/16/18 8:00 AM	7/16/18 8:01 AM	0.00	0.0000
Comments:	Flare as directed by Lease Operator/High gas temperature, High pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	**Title:** Site Supervisor		
Email: david.abbott@technipfmc.com	**Phone:** 307-679-4764	**Mobile:** 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/25/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-SIGRID LOOMER-LW 150-95-0817H-1	API #: 33053081200000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/4/18 10:00 AM	7/4/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/4/18 11:00 AM	7/7/18 8:00 AM	3.53	10.1032
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/4/18 11:00 AM	7/7/18 8:00 AM	0.59	0.1055
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/7/18 8:00 AM	7/7/18 8:00 AM	0.00	0.0000
Comments:	Flare as directed by Lease Operator. High pipeline pressure.		

Responsible Party (?)

Name: David Abbott Title: Site Supervisor

Email: david.abbott@technipfmc.com Phone: 307-679-4764 Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/28/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-151-96-3625H-10	API #:	33053080420000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/13/18 1:00 PM	4/13/18 4:00 PM	2.61	0.2174
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/13/18 4:00 PM	4/19/18 10:55 AM	3.11	17.8411
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/13/18 4:00 PM	4/19/18 10:55 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 10:55 AM	4/19/18 10:56 AM	0.00	0.0000
Comments:	Flare at direction of Production/Lease Operator. Gas to hot for pipeline.		

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technipfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 1/2/17 to 1/2/18

Date: 3/28/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-151-96-3625H-11	API #: 33053080410000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 3:15 PM	4/10/18 4:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 4:00 PM	4/13/18 9:01 AM	2.88	7.8387
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 4:00 PM	4/13/18 9:01 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/13/18 9:01 AM	4/13/18 9:02 AM	0.00	0.0000
Comments:	Flare at direction of lease operator. Gas temperature is high for pipe line.		

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@techniqfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS 40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/26/2018

General Information

Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-151-96-3625H-6	API #:	33053080460000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/26/18 1:15 PM	4/26/18 2:00 PM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/26/18 2:00 PM	4/30/18 7:30 AM	3.26	12.1928

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/26/18 2:00 PM	4/30/18 7:30 AM	0.00	0.0000

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/30/18 7:30 AM	4/30/18 7:31 AM	0.00	0.0000

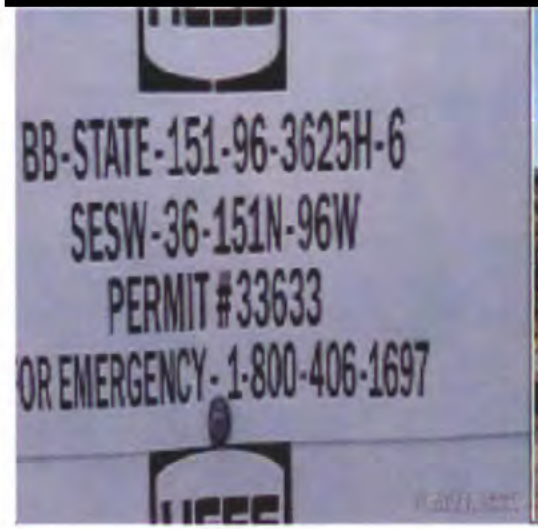
Comments: Flare at the direction of Production. Gas temperature to high for Sales pipeline.

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@techniqfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]



HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/28/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-151-96-3625H-7	API #: 33063080450000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/31/18 1:00 PM	4/1/18 9:59 AM	0.63	0.0260
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/1/18 11:10 AM	4/4/18 12:01 PM	2.46	7.4949
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/1/18 11:10 AM	4/4/18 12:01 PM	0.62	0.1027
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/4/18 1:35 PM	TBD	0.00	0.0000
Comments:	Flare at direction of lease Operator. Sales pipeline not available. Gas temperature to high to go down pipeline.		
Responsible Party ID			
Name:	David Abbott	Title:	Site Supervisor
Email:	david.abbott@techsolinc.com	Phone: 307-679-4764	Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/23/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-151-96-3625H-8	API #: 33053080440000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 11:40 AM	4/23/18 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 1:00 PM	4/26/18 9:00 AM	3.43	9.6206
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/23/18 1:00 PM	4/26/18 9:00 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/26/18 9:00 AM	4/26/18 9:01 AM	0.00	0.0000
Comments:	Flare at direction of Lease Operator/Production. Gas temperature to high for sales pipeline.		

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technipfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/19/2018

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	BB-STATE-151-96-3625H-9 API #: 33053080430000
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 2:30 PM	4/19/18 3:00 PM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 3:00 PM	4/25/18 8:00 AM	2.46	8.7595

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/19/18 3:00 PM	4/25/18 8:00 AM	0.00	0.0000

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/25/18 8:00 AM	4/25/18 8:01 AM	0.00	0.0000

Comments: Routing to TIMC flare at direction of lease Operator. Gas to hot for sales pipeline.

Responsible Party (?)

Name: David Abbott Title: Site Supervisor

Email: david.abbott@technipfmc.com Phone: 307-679-4764 Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 4/4/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BB-STATE-LW-151-96-3625H-1	API #: 33053080450000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/7/18 8:00 AM	4/7/18 9:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/7/18 9:00 AM	4/10/18 8:20 AM	3.28	9.6253
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/7/18 9:00 AM	4/10/18 8:20 AM	0.00	0.0000
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/10/18 8:20 AM	4/10/18 8:21 AM	0.00	0.0000
Comments:	Flare at direction of lease operator. Gas temperature to high for pipe line.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/1/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BL-A IVERSON-155-96-1312H-4	API #: 33105043250000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/2/17 10:00 AM	11/2/17 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/2/17 11:00 AM	11/4/17 4:00 PM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/2/17 11:00 AM	11/4/17 4:00 PM	0.72	1.5841
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/4/17 4:00 PM	11/5/17 8:30 AM	0.69	0.4667
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: Rodney Moore		Title: Site Supervisor	
Email: rmoore@newsta.com		Phone: 701-500-2426	Mobile: 701-500-2426

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/5/2017

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	BL-A IVERSON-155-96-1312H-5 API #: 33105043240000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/5/17 1:00 PM	11/5/17 5:00 PM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/5/17 5:00 PM	11/8/17 10:00 AM	0.00	0.0000

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/5/17 5:00 PM	11/8/17 10:00 AM	0.75	1.9583

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/7/17 5:00 PM	11/8/17 8:00 AM	0.74	0.4512

Comments: **Explanation of cause to flare**

Responsible Party (?)

Name: Rodney Moore Title: Site Supervisor

Email: rmoore@newsta.com Phone: 701-500-2426 Mobile: 701-500-2426

Digital Attachment of equipment layout

(b) (9) [redacted]

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY

[illegible]

FRAC JOB SUMMARY

[illegible]

Data Completed By:

[illegible]

[illegible]	[illegible]	Remarks	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/13/2017

General Information	
Company Name:	Hess Bakken LLC, II
Lease/Well:	BL-A IVERSON-155-96-13-(24-7 API #: 33105043220000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/15/17 12:00 PM	11/15/17 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/13/17 1:00 PM	11/16/17 12:00 PM	0.55	0.6563
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/13/17 1:00 PM	11/16/17 12:00 PM	0.69	1.2053
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/16/17 12:00 PM	11/17/17 8:00 AM	0.71	0.5633
Comments:	**Explanation of cause to flare**		

Responsible Party (?)					
Name:	Rodney Moore	Title:	Site Supervisor		
Email:	rmoore@newlata.com	Phone:	701-500-2426	Mobile:	701-500-2426

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/17/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	BL-A IVERSON-LE-155-96-1312H-1	API #: 33106043210000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 12:00 PM	11/17/17 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 2:00 PM	11/21/17 4:00 PM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/17/17 2:00 PM	11/21/17 4:00 PM	1.16	4.7003
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/21/17 4:00 PM	11/22/17 8:00 AM	1.20	0.7358
Comments:	**Explanation of cause to flare**		
Responsible Party (1)			
Name: Rodney Moore	Title: Site Supervisor		
Email: sstraughen@newfota.com	Phone: 208.699.6218	Mobile: 208.699.6218	

Digital Attachment of equipment layout

(b) (9) [redacted]

Version 20170518

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY

Company Name	Hess
Well Name	BW Hedstrom 149-100-1201 H-5
API Number	API # 33053079940000
Area Work Team	E
Field	BW
Formation	MB
Area (Acres)	1280
Date on Location	12/19/2017
Initial Flowback Date	12/20/17 12:00 PM
Flowback Company	Nuverra
Responsible Contractor	Nick Muller/Chris Caldwell
Phone Contact	605-420-6913/701-818-2634
Initial Shut-in Tubing Pressure (PSI)	3246 PSI

FRAC JOB SUMMARY

Type Frac Job	Plug & Perf
TOTAL Clean Fluid Pumped	113,968 BBLS
TOTAL Sand Pumped	8,113,400 LBS
Proposed # Stages	45 Stages
Effective # Stages	45 Stages

REFER TO COMMENTS ON CELLS FOR GUIDANCE
DO NOT EDIT CELLS SHADED GREY FOR ANY REASON

Data Completed By:
Flowback Crew / Hess FB Supervisor
Flowback
Automatic

Event Phase	Date MM/DD/YY TIME	Remarks	Flared Gas Rate (FB) MMscfd	Sales Gas Rate MMscfd	Oil Volume bbl/hr	Water Volume bbl/hr	Tubing Press psi(g)	Choke Size in (# /64)	Duration hrs	Cum Time hrs	Oil Daily bbl/day	Total Fluid bbl/hr	Oil Cum bbl	Oil Cut %	Water Cut %	Water Daily bbl/day	Water Cum bbl	Load Recovery %	Total Liq Cum bbl	Flared Gas Cum MMcf	Sales Gas Cum MMSCF	Total Gas Cum MMSCF	GOR scf/bbl	BFPH/FTP (bbls/psi)	Cum FTP/FTP (bbl/psi)	1/PI (psi/bbl)	BO/Stage (bbls/stg)	SQRT (t) (Hours^0.5)
Standard Work	12/20/17 12:30 PM	ESD Function test/PSI pressure test	0.00	0.00	0	0	0	0	0.15	0.00	0.00	0.00	0.00	[illegible]	[illegible]	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	[illegible]	[illegible]	[illegible]	[illegible]	0.0	0.0
Standard Work	12/20/17 1:05 PM	PSI Test @ 2950 psi	0.00	0.00	0	0	0	0	0.01	0.25	0.00	0.00	0.00	[illegible]	[illegible]	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	[illegible]	[illegible]	[illegible]	[illegible]	0.0	0.5
Initial Flowback	12/20/17 1:06 PM		0.00	0.00	0	0	0	0	0.54	0.27	0.00	0.00	0.00	[illegible]	[illegible]	0.00	0.00	0.0%	0.00	0.00	0.00	0.00	[illegible]	[illegible]	[illegible]	[illegible]	0.0	0.5
Initial Production	12/20/17 2:30 PM		0.80	0.00	5	147	3987	24	1.00	1.17	120.00	152.00	5.00	3.29%	96.71%	3528.00	147.00	0.1%	152.00	0.03	0.00	0.04	7100.666667	0.1	0.1	4.9	2.7	1.1
Initial Flowback	12/20/17 3:00 PM	WW 10.0 PPG [illegible] ppm	0.80	0.41	11	143	[illegible]	24	1.00	2.17	288.00	154.00	17.00	7.79%	92.21%	3468.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.1	0.1	1.9	[illegible]	1.5
Initial Flowback	12/20/17 4:00 PM		0.80	[illegible]	21	132	[illegible]	[illegible]	1.00	3.17	504.00	153.00	38.00	13.73%	86.27%	3168.00	421.00	0.2%	459.00	0.10	0.05	0.15	3174.603175	0.1	0.2	1.1	11.2	1.8
Initial Flowback	12/20/17 5:00 PM		[illegible]	[illegible]	27	174	[illegible]	[illegible]	1.00	4.17	648.00	201.00	65.00	13.43%	86.57%	4176.00	595.00	0.3%	660.00	0.10	0.08	0.18	77.16049383	0.1	0.2	0.9	14.1	2.0
Initial Flowback	12/20/17 6:00 PM	WW 8.4 PPG [illegible] ppm	[illegible]	[illegible]	36	160	[illegible]	[illegible]	1.00	5.17	864.00	196.00	101.00	18.37%	81.63%	3840.00	755.00	0.4%	856.00	0.17	0.08	0.22	1876.157407	0.1	0.5	0.2	19.2	2.3
Initial Flowback	12/20/17 7:00 PM		[illegible]	[illegible]	42	142	[illegible]	[illegible]	1.00	6.17	1008.00	184.00	143.00	22.83%	77.17%	3408.00	897.00	0.5%	1040.00	0.21	0.08	0.29	1521.825397	0.1	0.5	1.2	22.4	2.5
Initial Flowback	12/20/17 8:00 PM		[illegible]	[illegible]	54	207	[illegible]	[illegible]	1.00	7.17	1296.00	261.00	197.00	20.69%	79.31%	4968.00	1104.00	0.6%	1301.00	0.28	0.08	0.35	1155.864198	0.1	0.6	0.7	28.8	2.7
Initial Flowback	12/20/17 9:00 PM		[illegible]	[illegible]	57	184	[illegible]	[illegible]	1.00	8.17	1368.00	241.00	254.00	23.65%	76.35%	4416.00	1288.00	0.7%	1542.00	0.36	0.09	0.42	1141.812865	0.1	0.8	0.4	30.4	2.8
Initial Flowback	12/20/17 10:00 PM	WW 8.4 PPG AR 42.0 [illegible] ppm	[illegible]	[illegible]	43	221	[illegible]	[illegible]	1.00	9.17	1032.00	274.00	297.00	15.69%	84.31%	5304.00	1519.00	0.8%	1816.00	0.42	0.06	0.48	1306.627907	0.1	0.7	0.6	22.9	3.0
Initial Flowback	12/20/17 11:00 PM		[illegible]	[illegible]	44	157	[illegible]	[illegible]	1.00	10.17	1056.00	201.00	341.00	21.89%	78.11%	3768.00	1676.00	0.9%	2017.00	0.48	0.06	0.53	1336.174242	0.1	0.7	0.5	23.5	3.2
Initial Flowback	12/21/17 12:00 AM		[illegible]	[illegible]	42	96	[illegible]	[illegible]	1.00	11.17	1008.00	138.00	383.00	30.43%	69.57%	2304.00	1772.00	0.9%	2155.00	0.51	0.06	0.57	785.7142857	0.0	0.7	0.3	22.4	3.3
Initial Flowback	12/21/17 1:00 AM		[illegible]	[illegible]	38	111	[illegible]	[illegible]	1.00	12.17	912.00	149.00	421.00	25.50%	74.50%	2664.00	1883.00	1.0%	2304.00	0.55	0.07	0.62	1471.052632	0.0	0.6	0.3	20.3	3.5
Initial Flowback	12/21/17 2:00 AM	WW 8.7 PPG AR 43.2 [illegible] ppm	[illegible]	[illegible]	42	104	[illegible]	[illegible]	1.00	13.17	1008.00	146.00	463.00	28.77%	71.23%	2496.00	1987.00	1.0%	2450.00	0.60	0.07	0.67	1109.126984	0.0	0.5	0.3	22.4	3.6
Initial Flowback	12/21/17 3:00 AM		[illegible]	[illegible]	36	111	[illegible]	[illegible]	1.00	14.17	864.00	147.00	499.00	24.49%	75.51%	2664.00	2098.00	1.1%	2597.00	0.62	0.08	0.71	1178.240741	0.0	0.5	0.3	19.2	3.8
Initial Flowback	12/21/17 4:00 AM	Changed Choke to 30/64" [illegible]	[illegible]	[illegible]	37	96	[illegible]	30	1.00	15.17	888.00	133.00	536.00	27.82%	72.18%	2304.00	2194.00	1.1%	2730.00	0.62	0.13	0.75	1103.603604	0.0	0.6	0.3	19.7	3.9
Initial Flowback	12/21/17 5:00 AM		[illegible]	[illegible]	21	96	[illegible]	[illegible]	1.00	16.17	504.00	117.00	557.00	17.95%	82.05%	2304.00	2290.00	1.2%	2847.00	0.67	0.13	0.80	2182.539683	0.0	0.9	0.2	11.2	4.0
Initial Flowback	12/21/17 6:00 AM	WW 8.7 PPG AR 42.2 [illegible] ppm	[illegible]	[illegible]	28	123	[illegible]	[illegible]	1.00	17.17	672.00	151.00	585.00	18.54%	81.46%	2952.00	2413.00	1.2%	2998.00	0.71	0.13	0.84	1636.904762	0.0	1.0	0.2	14.9	4.1
Initial Flowback	12/21/17 7:00 AM		[illegible]	[illegible]	30	71	[illegible]	[illegible]	1.00	18.17	720.00	101.00	615.00	29.70%	70.30%	1704.00	2484.00	1.3%	3099.00	0.75	0.13	0.88	1666.666667	0.0	1.0	0.2	16.0	4.3
Initial Flowback	12/21/17 8:00 AM		[illegible]	[illegible]	38	77	[illegible]	[illegible]	1.00	19.17	912.00	115.00	653.00	33.65%	66.37%	1848.00	2559.00	1.3%	3212.00	0.85	0.13	0.83	877.1929825	0.0	1.0	0.1	20.3	4.4
Initial Flowback	12/21/17 9:00 AM		[illegible]	[illegible]	28	80	[illegible]	[illegible]	1.00	20.17	672.00	108.00	681.00	25.93%	74.07%	1920.00	2639.00	1.4%	3320.00	0.84	0.13	0.97	1413.690476	0.0	1.1	0.2	14.9	4.5
Initial Flowback	12/21/17 10:00 AM	WW 8.7 PPG AR 41.2 [illegible] ppm	[illegible]	[illegible]	21	52	[illegible]	[illegible]	1.00	21.17	504.00	73.00	702.00	28.77%	71.23%	1248.00	2691.00	1.4%	3393.00	0.88	0.13	1.01	2182.539683	0.0	1.0	0.0	11.2	4.6
Initial Flowback	12/21/17 11:00 AM		[illegible]	[illegible]	23	73	[illegible]	[illegible]	1.00	22.17	552.00	96.00	725.00	23.96%	76.04%	1752.00	2764.00	1.4%	3489.00	0.91	0.13	1.04	1433.905797	0.0	1.1	0.4	12.3	4.7
Initial Flowback	12/21/17 12:00 PM		[illegible]	[illegible]	24	79	[illegible]	[illegible]	1.00	23.17	576.00	103.00	749.00	23.30%	76.70%	1896.00	2843.00	1.5%	3592.00	0.93	0.15	1.08	1736.111111	0.0	1.1	0.0	12.8	4.8
Initial Flowback	12/21/17 1:00 PM	[illegible]	[illegible]	[illegible]	31	70	[illegible]	[illegible]	1.00	24.17	744.00	101.00	780.00	30.69%	69.31%	1680.00	2913.00	1.5%	3693.00	0.95	0.18	1.13	1518.817204	0.0	1.2	0.2	16.5	4.9
Initial Flowback	12/21/17 2:00 PM	WW [illegible] PPG AR 41.2 [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	25.17	816.00	159.00	814.00	21.38%	78.62%	3000.00	3038.00	1.6%	3852.00	0.96	0.22	1.18	1272.54902	0.1	1.2	0.2	18.1	5.0
Initial Flowback	12/21/17 3:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	26.17	864.00	136.00	850.00	[illegible]	74.10%	2472.00	3141.00	1.6%	3991.00	[illegible]	0.26	1.24	1562.5	0.0	1.2	0.2	19.7	5.1
Initial Flowback	12/21/17 4:00 PM	target of 12085 bbls +/-10. Sending all gas to sales.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	27.17	864.00	137.00	891.00	[illegible]	70.07%	2304.00	3231.00	1.7%	4125.00	[illegible]	0.35	1.31	[illegible]	0.0	1.3	0.2	21.8	5.2
Initial Flowback	12/21/17 5:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	28.17	864.00	127.00	927.00	28.35%	71.65%	2184.00	3328.00	1.7%	4255.00	0.96	0.42	1.38	1585.416667	0.0	1.4	0.2	19.7	5.3
Initial Flowback	12/21/17 6:00 PM	WW [illegible] PPG [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	29.17	936.00	142.00	966.00	27.46%	72.54%	2472.00	3431.00	1.8%	4397.00	0.96	0.50	1.45	1940.376068	0.0	1.4	0.2	20.8	5.4
Initial Flowback	12/21/17 7:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	30.17	720.00	106.00	996.00	30.56%	69.44%	1800.00	3506.00	1.8%	4502.00	0.96	0.96	1.57	1866.111111	0.0	1.5	0.2	17.6	5.5
Initial Flowback	12/21/17 8:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	31.17	1296.00	145.00	1049.00	36.34%	63.66%	2424.00	3607.00	1.9%	4656.00	0.96	0.83	1.58	1436.44987	0.0	1.5	0.1	23.5	5.6
Initial Flowback	12/21/17 9:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	32.17	888.00	141.00	1086.00	26.24%	73.76%	2496.00	3711.00	1.9%	4791.00	0.96	0.60	1.63	1400.900901	0.0	1.5	0.2	19.7	5.7
Initial Flowback	12/21/17 10:00 PM	WW [illegible] PPG AR 43.8 [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	33.17	1032.00	156.00	1129.00	30.94%	69.06%	2304.00	3807.00	2.0%	4936.00	0.96	0.74	1.70	1525.183798	0.0	1.6	0.1	22.9	5.8
Initial Flowback	12/21/17 11:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	34.17	864.00	122.00	1164.00	33.61%	66.39%	1944.00	3888.00	2.0%	5052.00	0.96	0.80	1.77	1338.414634	0.0	1.6	0.1	21.9	5.8
Initial Flowback	12/22/17 12:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	35.17	912.00	131.00	1202.00	28.15%	71.85%	2328.00	3985.00	2.1%	5187.00	0.96	0.85	1.83	2089.210526	0.0	1.7	0.2	20.3	5.9
Initial Flowback	12/22/17 1:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	36.17	864.00	132.00	1243.00	31.06%	68.94%	2184.00	4036.00	2.1%	5319.00	0.96	0.93	1.89	1129.065041	0.0	1.7	0.1	21.9	6.0
Initial Flowback	12/22/17 2:00 AM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	37.17	1008.00	143.00	1285.00	29.37%	70.63%	2424.00	4177.00	2.2%	5460.00	0.96	1.00	1.95	1750	0.0	1.8	0.2	22.4	6.1
Initial Flowback	12/22/17 3:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	38.17	936.00	128.00	1324.00	30.23%	69.77%	2160.00	4267.00	2.2%	5591.00	0.96	1.07	2.03	1993.589744	0.0	1.8	0.2	20.8	6.2
Initial Flowback	12/22/17 4:00 AM	target of 12085 bbls +/-10. Sending all gas to sales.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	39.17	984.00	127.00	1365.00	32.28%	67.72%	2064.00	4353.00	2.2%	5718.00	0.96	1.15	2.10	1793.04878	0.0	1.9	0.2	21.8	6.3
Initial Flowback	12/22/17 5:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	40.17	984.00	142.00	1406.00	28.87%	71.13%	2424.00	4454.00	2.3%	5860.00	0.96	1.23	2.18	1951.219512	0.0	2.0	0.3	21.8	6.3
Initial Flowback	12/22/17 6:00 AM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	41.17	912.00	134.00	1444.00	28.36%	71.64%	2304.00	4550.00	2.3%	5994.00	0.96	1.30	2.26	1962.719298	0.0	2.0	0.3	20.3	6.4
Initial Flowback	12/22/17 7:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	42.17	864.00	128.00	1480.00	29.50%	70.50%	2282.00	4648.00	2.4%	6133.00	0.96	1.36	2.33	1853.658537	0.0	2.1	0.4	21.8	6.5
Initial Flowback	12/22/17 8:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	43.17	912.00	126.00	1523.00	29.46%	70.54%	2136.00	4738.00	2.4%	6260.00	0.96	1.43	2.38	1474.780702	0.0	2.2	0.4	20.3	6.6
Initial Flowback	12/22/17 9:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	44.17	912.00	119.00	1561.00	31.93%	68.07%	1944.00	4820.00	2.4%	6381.00	0.96	1.50	2.46	1600.403458	0.0	2.2	0.3	20.3	6.6
Initial Flowback	12/22/17 10:00 AM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	45.17	1080.00	141.00	1606.00	31.91%	68.09%	2304.00	4916.00	2.5%	6522.00	0.96	1.58	2.54	1616.518519	0.0	2.1	0.2	24.0	6.7
Initial Flowback	12/22/17 11:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	46.17	912.00	130.00	1644.00	29.23%	70.77%	2208.00	5008.00	2.6%	6652.00	0.96	1.66	2.62	1907.719298	0.0	2.2	0.2	20.3	6.8
Initial Flowback	12/22/17 12:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	47.17	1080.00	126.00	1689.00	33.09%	66.91%	2184.00	5099.00	2.6%	6788.00	0.96	1.74	2.69	1857.407407	0.0	2.2	0.2	24.0	6.9
Initial Flowback	12/22/17 1:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	48.17	960.00	131.00	1729.00	30.53%	69.47%	2184.00	5190.00	2.7%	6919.00	0.96	1.81	2.77	1905.208333	0.0	2.3	0.1	21.3	6.9
Initial Flowback	12/22/17 2:00 PM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	49.17	984.00	130.00	1770.00	31.54%	68.46%	2136.00	5279.00	2.7%	7049.00	0.96	1.88	2.83	1607.723577	0.0	2.3	0.1	21.8	7.0
Initial Flowback	12/22/17 3:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	50.17	984.00	130.00	1811.00	31.54%	68.46%	2136.00	5368.00	2.8%	7179.00	0.96	1.95	2.91	1680.081301	0.0	2.3	0.1	21.8	7.1
Initial Flowback	12/22/17 4:00 PM	target of 12085 bbls +/-10. Sending all gas to sales.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	51.17	1056.00	128.00	1853.00	32.81%	67.19%	2064.00	5454.00	2.8%	7307.00	0.96	2.04	2.99	1969.348032	0.0	2.3	0.1	22.4	7.2
Initial Flowback	12/22/17 5:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	52.17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	5550.00	2.9%	7443.00	0.96	2.11	3.06	1722.916667	0.0	2.4	0.2	21.3	7.2
Initial Flowback	12/22/17 6:00 PM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	53.17	1152.00	133.00	1941.00	36.09%	63.91%	2040.00	5635.00	2.9%	7576.00	0.96	2.19	3.14	1462.391667	0.0	2.5	0.2	25.6	7.3
Initial Flowback	12/22/17 7:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	54.17	1032.00	105.00	1984.00	40.95%	59.05%	1488.00	5697.00	2.9%	7681.00	0.96	2.27	3.22	1875.848062	0.0	2.5	0.2	22.9	7.4
Initial Flowback	12/22/17 8:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	55.17	912.00	109.00	2022.00	34.86%	65.14%	1704.00	5768.00	3.0%	7790.00	0.96	2.34	3.30	1903.508772	0.0	2.6	0.3	20.3	7.4
Initial Flowback	12/22/17 9:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	56.17	1104.00	137.00	2068.00	33.58%	66.42%	2184.00	5859.00	3.0%	7927.00	0.96	2.38	3.33	797.1014493	0.0	2.6	0.2	24.5	7.5
Initial Flowback	12/22/17 10:00 PM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	57.17	1008.00	126.00	2110.00	32.81%	67.19%	2064.00	5945.00	3.1%	8056.00	0.96	2.42	3.37	[illegible]	0.0	2.7	0.3	22.4	7.6
Initial Flowback	12/22/17 11:00 PM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	58.17	1008.00	120.00	2152.00	[illegible]	68.47%	2184.00	6036.00	3.1%	8188.00	0.96	2.48	3.44	1676.587302	0.0	2.8	0.3	22.4	7.6
Initial Flowback	12/23/17 12:00 AM	[illegible] water dumping to ground tank	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	59.17	1152.00	130.00	2200.00	36.09%	63.91%	2040.00	6121.00	3.2%	8321.00	0.96	2.56	3.52	1565.104167	0.0	2.9	0.2	25.6	7.7
Initial Flowback	12/23/17 1:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	60.17	984.00	115.00	2241.00	35.65%	64.35%	1776.00	6195.00	3.2%	8436.00	0.96	2.63	3.59	1953.488285	0.0	2.8	0.3	21.8	7.8
Initial Flowback	12/23/17 2:00 AM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	61.17	720.00	111.00	2271.00	27.03%	72.97%	1944.00	6276.00	3.2%	8547.00	0.96	2.68	3.63	1587.222222	0.0	2.8	0.4	16.0	7.8
Initial Flowback	12/23/17 3:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	62.17	1080.00	128.00	2313.00	32.81%	67.19%	2064.00	6362.00	3.3%	8675.00	0.96	2.72	3.67	[illegible]	0.0	2.8	0.3	22.4	7.9
Initial Flowback	12/23/17 4:00 AM	target of 12085 bbls +/-10. Sending all gas to sales.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	63.17	1056.00	125.00	2357.00	35.20%	64.80%	1944.00	6443.00	3.3%	8800.00	0.96	2.78	3.74	1458.333333	0.0	2.9	0.3	23.5	7.9
Initial Flowback	12/23/17 5:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	64.17	936.00	124.00	2396.00	31.45%	68.55%	2040.00	6528.00	3.4%	8924.00	0.96	2.86	3.82	1978.632479	0.0	3.0	0.3	20.8	8.0
Initial Flowback	12/23/17 6:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	65.17	1152.00	123.00	2444.00	39.02%	60.98%	1800.00	6603.00	3.4%	9047.00	0.95	2.91	3.86	1307.083333	0.0	3.0	0.2	25.6	8.1
Initial Flowback	12/23/17 7:00 AM	WW [illegible] PPG AR [illegible] ppm	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	66.17	912.00	134.00	2482.00	[illegible]	[illegible]	2064.00	6689.00	3.4%	9171.00	0.96	2.98	3.94	[illegible]	0.0	3.1	0.3	20.3	8.1
Initial Flowback	12/23/17 8:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.00	67.17	1008.00	112.00	2524.00	37.50%	62.50%	1680.00	6759.00	3.5%	9283.00	0.96	3.05	4.01	1885.076365	0.0	3.1	0.3	22.4	8.2
Initial Flowback	12/23/17 9:00 AM		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.19	68.17	1056.00	133.00	2568.00	32.59%	67.41%	2136.00	6850.00	3.5%	9416.00	0.96	3.10	4.06	1054.824242	0.0	3.1	0.3	23.5	8.3
Well Shut-in	12/23/17 9:30 AM	Turn well over to Production							0.00	68.50	0.00	0.00	2568.00	[illegible]	[illegible]	0.00	6850.00	3.5%	9418.00	0.96	3.10	4.06	[illegible]	[illegible]	[illegible]	[illegible]	0.0	8.3

Version 20170318

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY

Reporting Date	Today
Well Name	SUN CREEK FEDERAL 14-1 NC 1H (API # 1305100000000)
API Number	API # 1305100000000
Reporting Team	3
Rig	Well
Operation	NB
Pay Zones	Ojo
Date of Discovery	12/18/2013
Last Flowback Open	12/24/17 3:00 PM
Formation Producing	Niobrara
Responsible Company	Nick Muller / Chris Caldwell
Phone Contact	405-434-6513 / 903-918-2934
Total Vertical Tubing Header Depth	3400 ft

FRAC JOB SUMMARY

Start Frac Job	8:00 A 10/2/17
Total Clean Fluid Pumped	137 BBl 88.5
Total Sand Pumped	6,346,775 1.69
Treated Length	50 Stages
Number of Stages	50 Stages

DEFINITIONS/COMMENTS FOR COLUMN FOR CHOICE BY MOUSE CLICK ON CELL (CHANGES DEPENDING ON HEADER)

Data Completed By:
Flowback Crew / Kate PE Supervisor
Flowback
Automatic

Event Phase	Date 00/00/0000 - TIME	Remarks	Flowback Gas Rate (FG) MMscfd	Sales Gas Rate MMscfd	Oil Volume MBbl	Water Volume MBbl	Tubing Press. (PSIG)	Choke Size (in)	Duration hrs	Date Time hrs	Oil Daily MBbl	Total Fluid MBbl	Oil Cum MBbl	Oil Cut %	Water Cut %	Water Daily MBbl	Water Cum MBbl	Water Cut %	Recovery %	Total Liq Cum MBbl	Flowback Gas Cum MMscf	Sales Gas Cum MMscf	Total Gas Cum MMscf	CO2 (mol%)	SO2 (mol%)	Gas Flow Rate (mcf/day)	HP (psi/psia)	BO Stage (Barrels/Day)	SOR (Scf/Barrel)	API (°)
Standard Work	12/23/17 5:00 PM	Fordish Test ESDPS Test @ 2700 PSI	0.00	0.00	0	0	3	0	0.00	0.00	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 5:00 PM	Shut in at 5:00pm due to back pressure, issues & problems					2700		1.00	0.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 6:00 PM	Production back pressure regulator issues					2100		1.00	1.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 7:00 PM	Production back pressure regulator issues					2200		1.00	2.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 8:00 PM	Production back pressure regulator issues					2100		1.00	3.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 9:00 PM	Production back pressure regulator issues					1900		1.00	4.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 10:00 PM	Production back pressure regulator issues					1900		1.00	5.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/23/17 11:00 PM	Production back pressure regulator issues					1900		1.00	6.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 12:00 AM	Production back pressure regulator issues					1900		1.00	7.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 1:00 AM	Production back pressure regulator issues					1900		1.00	8.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 2:00 AM	Production back pressure regulator issues					1900		1.00	9.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 3:00 AM	Production back pressure regulator issues					1900		1.00	10.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 4:00 AM	This well is shut in due to issues with production back pressure valve on 2" inlet. Opening will cause a blown					1900		1.00	11.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 5:00 AM	Production back pressure regulator issues					1900		1.00	12.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 6:00 AM	Production back pressure regulator issues					1900		1.00	13.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 7:00 AM		1.00	15.42	0.00	0.00	0.00		1.00	14.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 8:00 AM		1.00	16.42	0.00	0.00	0.00		1.00	15.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 9:00 AM	Issue @ First Stop/Opening					1900		1.00	16.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 10:00 AM		1.00	17.42	0.00	0.00	0.00		1.00	17.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 11:00 AM		1.00	18.42	0.00	0.00	0.00		1.00	18.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 12:00 PM		1.00	19.42	0.00	0.00	0.00		1.00	19.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 1:00 PM	Shut back due to Backpressure Regulator Not overreach					1900		1.00	20.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 2:00 PM		1.00	21.42	0.00	0.00	0.00		1.00	21.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
SPT	12/24/17 3:00 PM		1.00	22.42	0.00	0.00	0.00		1.00	22.42	0.00	0.00	0.00			0.00	0.00		0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Initial Production	12/24/17 3:00 PM	Well opened at 1600 on a 26/64" choke at 2,100 psi. Gas was steady, working oil and spitting gas with production.	0.00	0.00	0	0	2100	24	1.00	23.42	0.00	0.00	0.00	0.0%	100.00%	0.00	0.00	100.0%	0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Initial Production	12/24/17 4:00 PM	WH = 0.0psig, API = N/A, HZ0 = 0.0	0.30	0.00	0	0	2600	26	1.00	24.42	0.00	0.00	0.00	0.0%	100.00%	0.00	0.00	100.0%	0.0%	0.00	0.00	0.00	0.00					0.0	0.0	0
Initial Production	12/24/17 5:00 PM	0.00 Changed Choke to 26/64"	0.20	0.00	0	0	2600	26	1.00	25.42	0.00	0.00	0.00	0.0%	100.00%	0.00	0.00	100.0%	0.0%	254.00	0.02	0.00	0.11					0.0	0.1	0
Initial Production	12/24/17 6:00 PM	18:00 Changed Choke to 30/64"	1.90	0.00	0	140	2200	30	1.00	26.42	0.00	140.00	0.00	0.0%	100.00%	140.00	140.00	100.0%	0.7%	140.00	0.00	0.00	0.00					0.0	0.0	0
Initial Production	12/24/17 9:00 PM	WH = 0.0psig, API = 45.3, HZ0 = 0.0	4.80	0.00	30	212	2204	30	1.00	27.42	1266.00	352.00	0.00	0.0%	60.00%	212.00	212.00	60.0%	0.4%	352.00	0.00	0.00	0.00	1000.000000	0.1	0.0	0.0	352.0	0.0	0
Initial Production	12/24/17 10:00 PM	19:00 Changed Choke to 35/64"	5.10	0.00	40	172	2300	35	1.00	28.42	1440.00	372.00	1800.00	21.0%	46.00%	200.00	412.00	54.0%	0.9%	372.00	0.00	0.00	0.00	1200.000000	0.1	0.0	0.0	372.0	0.0	0
Initial Production	12/24/17 11:00 PM	20:00 Changed Choke to 38/64"	5.54	0.00	60	201	2400	38	1.00	29.42	1440.00	261.00	1800.00	21.0%	77.00%	400.00	812.00	66.0%	0.7%	461.00	0.00	0.00	0.00	1277.777777	0.1	0.0	0.0	261.0	0.0	0
Initial Production	12/25/17 12:00 AM	12:01 Changed Choke to 24/64"	1.62	0.00	12	168	2400	24	1.00	30.42	1440.00	240.00	2040.00	17.0%	58.70%	436.00	1248.00	63.0%	0.8%	408.00	0.00	0.00	0.00	914.000014	0.1	0.0	0.0	240.0	0.0	0
Initial Production	12/25/17 1:00 AM		1.60	0.00	40	141	2400	24	1.00	31.42	1440.00	181.00	2220.00	17.0%	78.00%	617.00	1865.00	73.0%	0.9%	181.00	0.00	0.00	0.00	1400.000014	0.1	0.0	0.0	181.0	0.0	0
Initial Production	12/25/17 2:00 AM	WH = 0.7psig, API = 45.6, HZ0 = 0.0	1.56	0.00	50	122	2400	24	1.00	32.42	1440.00	122.00	2342.00	21.0%	71.00%	739.00	2604.00	83.0%	1.0%	122.00	0.00	0.00	0.00	1522.000000	0.1	0.0	0.0	122.0	0.0	0
Initial Production	12/25/17 3:00 AM	2:01 Changed Choke to 22/64"	1.20	0.00	54	112	2500	22	1.00	33.42	1296.00	166.00	2508.00	33.0%	67.47%	905.00	3509.00	67.0%	1.1%	166.00	0.00	0.00	0.00	1622.000000	0.1	0.0	0.0	112.0	0.0	0
Initial Production	12/25/17 4:00 AM	Targeting 1000-1500 on +1.10 due to Tubing Pulsating above 1,000 PSI	1.10	0.00	44	100	2600	22	1.00	34.42	1440.00	100.00	2608.00	44.0%	50.00%	1005.00	4514.00	50.0%	1.2%	1005.00	0.00	0.00	0.00	1722.000000	0.1	0.0	0.0	100.0	0.0	0
Initial Production	12/25/17 5:00 AM	WH = 0.8psig, API = 45.6, HZ0 = 0.0	0.79	0.00	40	101	2700	20	1.00	35.42	1152.00	141.00	2748.00	39.0%	55.24%	1046.00	5560.00	55.0%	1.3%	1047.00	0.00	0.00	0.00	1822.000000	0.1	0.0	0.0	101.0	0.0	0
Initial Production	12/25/17 6:00 AM		0.86	0.00	38	84	2800	20	1.00	36.42	912.00	110.00	2858.00	31.0%	50.67%	1130.00	6690.00	50.0%	1.3%	1046.00	0.00	0.00	0.00	1912.000000	0.1	0.0	0.0	84.0	0.0	0
Initial Production	12/25/17 7:00 AM		0.91	0.00	34	67	2900	20	1.00	37.42	816.00	101.00	2959.00	27.0%	51.77%	1197.00	7887.00	51.0%	1.4%	1047.00	0.00	0.00	0.00	2000.000000	0.1	0.0	0.0	67.0	0.0	0
Initial Production	12/25/17 8:00 AM		0.79	0.00	44	158	2900	20	1.00	38.42	1056.00	158.00	3117.00	28.0%	73.42%	1355.00	9242.00	73.0%	1.5%	1205.00	0.00	0.00	0.00	2158.000000	0.1	0.0	0.0	158.0	0.0	0
Initial Production	12/25/17 9:00 AM	w/choke 18/64	0.56	0.00	33	88	3000	18	1.00	39.42	792.00	121.00	3238.00	33.0%	74.15%	1444.00	10686.00	74.0%	1.5%	1215.00	0.00	0.00	0.00	2300.000000	0.1	0.0	0.0	121.0	0.0	0
Initial Production	12/25/17 10:00 AM	WH = 0.0psig, API = 45.1, HZ0 = 0.0	0.70	0.00	34	60	3000	18	1.00	40.42	816.00	94.00	3332.00	40.0%	63.83%	1538.00	12224.00	64.0%	1.6%	1309.00	0.00	0.00	0.00	2394.000000	0.1	0.0	0.0	60.0	0.0	0
Initial Production	12/25/17 11:00 AM		0.51	0.00	24	46	3000	18	1.00	41.42	576.00	70.00	3402.00	34.0%	65.71%	1608.00	13832.00	66.0%	1.6%	1355.00	0.00	0.00	0.00	2440.000000	0.0	0.0	0.0	46.0	0.0	0
Initial Production	12/25/17 12:00 PM	WH = 0.0psig, API = 45.8, HZ0 = 0.0	0.58	0.00	23	39	3000	18	1.00	42.42	552.00	62.00	3464.00	30.0%	63.14%	1670.00	15502.00	63.0%	1.7%	1394.00	0.00	0.00	0.00	2502.000000	0.0	0.0	0.0	39.0	0.0	0
Initial Production	12/25/17 1:00 PM		0.49	0.00	21	37	3000	18	1.00	43.42	504.00	58.00	3522.00	28.0%	63.79%	1728.00	17230.00	64.0%	1.7%	1431.00	0.00	0.00	0.00	2560.000000	0.0	0.0	0.0	37.0	0.0	0
Initial Production	12/25/17 2:00 PM		0.46	0.00	20	35	3000	18	1.00	44.42	480.00	55.00	3577.00	26.0%	63.64%	1783.00	19013.00	64.0%	1.7%	1467.00	0.00	0.00	0.00	2615.000000	0.0	0.0	0.0	35.0	0.0	0
Initial Production	12/25/17 3:00 PM	WH = 0.0psig, API = 45.8, HZ0 = 0.0	0.43	0.00	19	33	3000	18	1.00	45.42	456.00	52.00	3629.00	25.0%	63.48%	1835.00	20848.00	64.0%	1.8%	1519.00	0.00	0.00	0.00	2667.000000	0.0	0.0	0.0	33.0	0.0	0
Initial Production	12/25/17 4:00 PM		0.40	0.00	18	31	3000	18	1.00	46.42	432.00	49.00	3678.00	24.0%	63.31%	1884.00	22732.00	64.0%	1.8%	1568.00	0.00	0.00	0.00	2718.000000	0.0	0.0	0.0	31.0	0.0	0
Initial Production	12/25/17 5:00 PM		0.37	0.00	17	29	3000	18	1.00	47.42	408.00	46.00	3724.00	23.0%	63.16%	1930.00	24662.00	64.0%	1.8%	1614.00	0.00	0.00	0.00	2769.000000	0.0	0.0	0.0	29.0	0.0	0
Initial Production	12/25/17 6:00 PM	WH = 0.0psig, API = 45.1, HZ0 = 0.0	0.35	0.00	16	27	3000	18	1.00	48.42	384.00	43.00	3767.00	22.0%	63.02%	1973.00	26635.00	64.0%	1.8%	1657.00	0.00	0.00	0.00	2812.000000	0.0	0.0	0.0	27.0	0.0	0
Initial Production	12/25/17 7:00 PM		0.33	0.00	15	25	3000	18	1.00	49.42	360.00	40.00	3807.00	21.0%	62.89%	2013.00	28648.00	64.0%	1.8%	1697.00	0.00	0.00	0.00	2854.000000	0.0	0.0	0.0	25.0	0.0	0
Initial Production	12/25/17 8:00 PM		0.31	0.00	14	23	3000	18	1.00	50.42	336.00	37.00	3844.00	20.0%	62.76%	2050.00	30698.00	64.0%	1.8%	1734.00	0.00	0.00	0.00	2891.000000	0.0	0.0	0.0	23.0	0.0	0
Initial Production	12/25/17 9:00 PM		0.29	0.00	13	21	3000	18	1.00	51.42	312.00	34.00	3878.00	19.0%	62.63%	2084.00	32782.00	64.0%	1.8%	1768.00	0.00	0.00	0.00	2925.000000	0.0	0.0	0.0	21.0	0.0	0
Initial Production	12/25/17 10:00 PM	WH = 0.0psig, API = 45.1, HZ0 = 0.0	0.27	0.00	12	19	3000	18	1.00	52.42	288.00	31.00	3909.00	18.0%	62.50%	2115.00	34897.00	64.0%	1.8%	1799.00	0.00	0.00	0.00	2956.000000	0.0	0.0	0.0	19.0	0.0	0
Initial Production	12/25/17 11:00 PM		0.25	0.00	11	17	3000	18	1.00	53.42	264.00	28.00	3937.00	17.0%	62.38%	2143.00	37040.00	64.0%	1.8%	1827.00	0.00	0.00	0.00	2984.000000	0.0	0.0	0.0	17.0	0.0	0
Initial Production	12/26/17 12:00 AM		0.24	0.00	10	15	3000	18	1.00	54.42	240.00	25.00	3962.00	16.0%	62.27%	2168.00	39208.00	64.0%	1.8%	1852.00	0.00	0.00	0.00	3009.000000	0.0	0.0	0.0	15.0	0.0	0
Initial Production	12/26/17 1:00 AM		0.22	0.00	9	14	3000	18	1.00	55.42	216.00	23.00	3985.00	15.0%	62.17%	2191.00	41399.00	64.0%	1.8%	1875.00	0.00	0.00	0.00	3032.000000	0.0	0.0	0.0	14.0	0.0	0
Initial Production	12/26/17 2:00 AM		0.21	0.00	8	12	3000	18	1.00	56.42	192.00	20.00	4005.00	14.0%	62.08%	2211.00	43610.00	64.0%	1.8%	1895.00	0.00	0.00	0.00	3052.000000	0.0	0.0	0.0	12.0	0.0	0
Initial Production	12/26/17 3:00 AM		0.19	0.00	7	11	3000	18	1.00	57.42	168.00	18.00	4023.00	13.0%	62.00%	2229.00	45839.00	64.0%	1.8%	1913.00	0.00	0.00	0.00	3070.000000	0.0	0.0	0.0	11.0	0.0	0
Initial Production	12/26/17 4:00 AM		0.18	0.00	6	9	3000	18	1.00	58.42	144.00	16.00	4039.00	12.0%	61.93%	2245.00	48068.00	64.0%	1.8%	1929.00	0.00	0.00	0.00	3086.000000	0.0	0.0	0.0	9.0	0.0	0
Initial Production	12/26/17 5:00 AM		0.17	0.00	5	8	3000	18	1.00	59.42	120.00	14.00	4053.00	11.0%	61.87%	2259.00	50292.00	64.0%	1.8%	1943.00	0.00	0.00	0.00	3100.000000	0.0	0.0	0.0	8.0	0.0	0
Initial Production	12/26/17 6:00 AM		0.16	0.00	4	7	3000	18	1.00	60.42	096.00	12.00	4065.00	10.0%	61.82%	2271.00	52563.00	64.0%	1.8%	1955.00	0.00	0.00	0.00	3112.000000	0.0	0.0	0.0	7.0	0.0	0
Initial Production	12/26/17 7:00 AM		0.15	0.00	4	6	3000	18	1.00	61.42	072.00	10.00	4075.00	9.0%	61.77%	2281.00	54844.00	64.0%	1.8%	1965.00	0.00	0.00	0.00	3122.000000	0.0	0.0	0.0	6.0	0.0	0
Initial Production	12/26/17 8:00 AM		0.14	0.00	3	5	3000	18	1.00	62.42	048.00	08.00	4083.00	8.0%	61.73%	2289.00	57133.00	64.0%	1.8%	1973.00	0.00	0.00	0.00	3130.000000	0.0	0.0	0.0	5.0	0.0	0
Initial Production	12/26/17 9:00 AM		0.13	0.00	3	4	3000	18	1.00	63.42	036.00	06.00	4089.00	7.0%	61.69%	2295.00	59428.00	64.0%	1.8%	1979.00	0.00	0.00	0.00	3136.000000	0.0	0.0	0.0	4.0	0.0	0
Initial Production	12/26/17 10:00 AM		0.12	0.00	2	3	3000	18	1.00	64.42	024.00	04.00	4093.00	6.0%	61.66%	2299.00	61727.00	64.0%	1.8%	1983.00	0.00	0.00	0.00	3140.000000	0.0	0.0	0.0	3.0	0.0	0
Initial Production	12/26/17 11:00 AM		0.11	0.00	2	2	3000	18	1.00	65.42	012.00	02.00	4095.00	5.0%	61.63%	2301.00	64027.00	64.0%	1.8%	1985.00	0.00	0.00	0.00	3142.000000	0.0	0.0	0.0	2.0	0.0	0
Initial Production	12/26/17 12:00 PM		0.10	0.00	1	2	3000	18	1.00	66.42	000.00	02.00	4097.00	4.0%	61.61%	2303.00	66330.00	64.0%	1.8%	1987.00	0.00	0.00	0.00	3144.000000	0.0	0.0	0.0	2.0	0.0	0
Initial Production	12/26/17 1:00 PM		0.09	0.00	1	1	3000	18	1.00	67.42	000.00	01.00	4098.00	3.0%	61.59%	2304.00	68634.00	64.0%	1.8%	1988.00	0.00	0.00	0.00	3145.000000	0.0	0.0	0.0	1.0	0.0	0
Initial Production	12/26/17 2:00 PM		0.08	0.00	1	1	3000	18	1.00	68.42	000.00	01.00	4099.00	2.0%	61.57%	2305.00	70938.00	64.0%	1.8%	1989.00	0.00	0.00	0.00	3146.000000	0.0	0.0	0.0	1.0	0.0	0
Initial Production	12/26/17 3:00 PM		0.07	0.00	1	1	3000	18	1.00	69.42	000.00	01.00	4100.00	1.0%	61.55%	2306.00	73241.00	64.0%	1.8%	1990.00	0.00	0.00	0.00	3147.000000	0.0	0.0	0.0	1.0	0.0	0
Initial Production	12/26/17 4:00 PM		0.06	0.00	0	1	3000	18	1.00	70.42	000.00	01.00	4101.00	0.0%	61.53%	2307.00	75544.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	1.0	0.0	0
Initial Production	12/26/17 5:00 PM		0.05	0.00	0	0	3000	18	1.00	71.42	000.00	00.00	4101.00	0.0%	61.51%	2307.00	77847.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0
Initial Production	12/26/17 6:00 PM		0.04	0.00	0	0	3000	18	1.00	72.42	000.00	00.00	4101.00	0.0%	61.49%	2307.00	80150.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0
Initial Production	12/26/17 7:00 PM		0.03	0.00	0	0	3000	18	1.00	73.42	000.00	00.00	4101.00	0.0%	61.47%	2307.00	82453.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0
Initial Production	12/26/17 8:00 PM		0.02	0.00	0	0	3000	18	1.00	74.42	000.00	00.00	4101.00	0.0%	61.45%	2307.00	84756.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0
Initial Production	12/26/17 9:00 PM		0.01	0.00	0	0	3000	18	1.00	75.42	000.00	00.00	4101.00	0.0%	61.43%	2307.00	87059.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0
Flowback Operations Complete	12/26/17 9:00 PM		0.00	0.00	0	0	3000	18	0.00	75.42	000.00	00.00	4101.00	0.0%	61.41%	2307.00	89362.00	64.0%	1.8%	1991.00	0.00	0.00	0.00	3148.000000	0.0	0.0	0.0	0.0	0.0	0

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REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/29/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	CA-E-BURDICK-155-95-2017H-10	API #: 33105045160000	
Coordinates:	LATITUDE:/LONGITUDE:	(b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/29/18 1:20 PM	3/29/18 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/29/18 2:00 PM	4/2/18 5:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/29/18 2:00 PM	4/2/18 5:00 AM	1.31	4.0148
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
4/2/18 5:00 AM	4/2/18 7:52 AM	1.34	0.1352
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Brennan Loveland	Title:	Site Supervisor
Email:	brennan.loveland@technipfmc.co	Phone:	208-360-2542
Mobile:	208-360-2542		

Digital Attachment of equipment layout

(b) (9) [redacted]

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REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/22/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	CA-E-BURDICK-155-95-2017H-7	API #: 33105045190000	
Coordinates:	LATITUDE:/LONGITUDE:	(b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/22/18 11:00 AM	3/22/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/22/18 12:00 PM	TBD	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/22/18 12:00 PM	TBD	1.23	3.2944
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Brennan Loveland	Title:	Site Supervisor
Email:	brennan.loveland@technigmc.co	Phone:	208-360-2542
Mobile:	208-360-2542		

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 7/26/2018

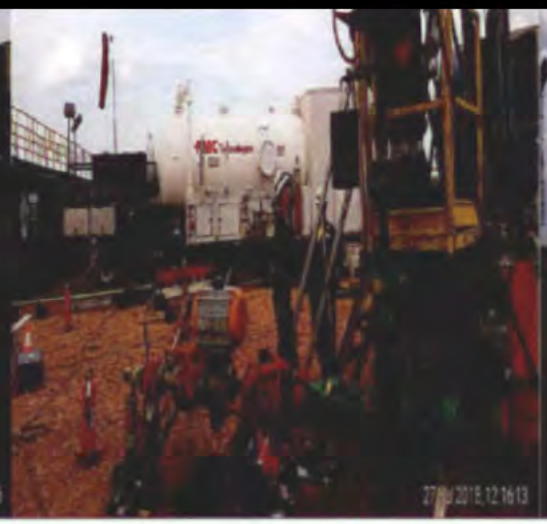
General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	CA-E BURDICK-155-95-2017H-8	API #: 33105045180000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/27/18 10:00 AM	7/27/18 6:00 PM	0.10	0.0085
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/27/18 6:00 PM	7/30/18 8:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/27/18 6:00 PM	7/30/18 8:00 AM	1.00	2.3675
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
7/30/18 8:00 AM	7/30/18 8:01 AM	0.00	0.0000
Comments:	Flow to flare while treater is set up.		

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@techsolinc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/26/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	CA-E-BURDICK-155-95-2017H-9	API #: 33105045170000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/26/18 1:40 PM	3/26/18 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/26/18 2:00 PM	TBD	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/26/18 2:00 PM	TBD	1.05	2.8878
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
*N/A	*N/A	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Brennan Loveland	Title:	Site Supervisor
Email:	brennan.loveland@technipfmc.co	Phone:	208-360-2542 Mobile: 208-360-2542

Digital Attachment of equipment layout

(b) (9) [redacted]

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY

[illegible]	[illegible]

FRAC JOB SUMMARY

[illegible]	Hydraulic Frac
[illegible]	[illegible]

Data Completed By:

Flowback Crew / Head FB Supervisor

Flowback

Automatic

Event Phase	Date	Remarks
Standard Work	[illegible]	[illegible]
MPT	[illegible]	[illegible]
Standard Work	[illegible]	Complete rigging up
Initial Flowback	[illegible]	[illegible]
Initial Production	[illegible]	[illegible]
MPT	[illegible]	[illegible]
Initial Production	[illegible]	[illegible]
Well Shut in	[illegible]	[illegible]
Initial Production	[illegible]	[illegible]
Production through Facilities	[illegible]	[illegible]
Flowback operations complete	[illegible]	[illegible]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 8/7/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	CA-STANGELAND-155-95-2128H-8	API #: 3110504261000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flaveback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
8/7/17 2:00 PM	8/7/17 8:00 PM	0.30	0.0124
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
8/7/17 8:00 PM	8/9/17 12:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
8/7/17 8:00 PM	8/9/17 12:00 AM	1.07	1.2065
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
8/9/17 12:00 AM	8/9/17 8:00 AM	1.14	0.5336
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@techniqPMC.com	Phone: 701-340-2699	Mobile: 701-340-2699

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/28/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-KULCZYK-154-94-2029H-10	API #: 33061037300000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/28/18 12:00 PM	2/28/18 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/28/18 1:00 PM	3/4/18 12:01 PM	0.59	0.3421
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/28/18 1:00 PM	3/4/18 12:01 PM	2.61	10.3792
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Comments:	Flare as directed by production. High treater pressure/high pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/6/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-KULCZYK-154-94-2029H-5	API #: 33061037350000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/7/18 10:10 AM	2/7/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/7/18 11:00 AM	2/11/18 9:00 PM	0.91	2.6879
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/7/18 11:00 AM	2/11/18 9:00 PM	2.56	7.9892
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/11/18 9:00 PM	2/12/18 10:00 AM	2.35	1.0708
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	N Muller/A Vargas	Title:	Site Supervisor
Email:	wblatnik@newkota.com	Phone: 701-500-1980	Mobile: 701-500-1980

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

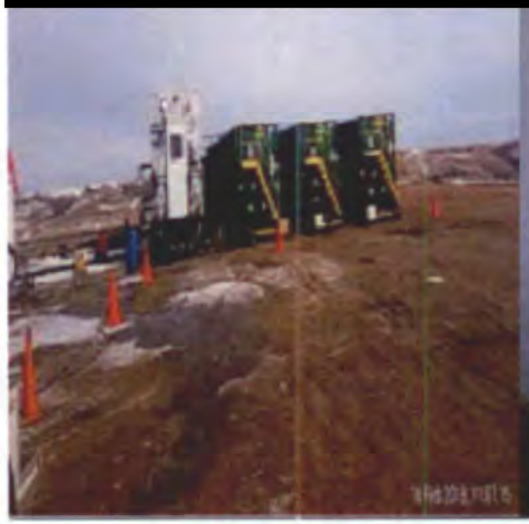
REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/11/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-KULCZYK-154-94-2029H-6	API #: 33061037340000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/16/18 3:00 PM	2/16/18 4:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/16/18 4:00 PM	2/20/18 8:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/16/18 4:00 PM	2/20/18 8:00 AM	2.10	7.6333
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/20/18 8:00 AM	2/20/18 8:01 AM	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/11/2018

General Information	
Company Name:	Hess Bakken LLC, II
Lease/Well:	EN-KULCZYK-154-94-2029H-7 API #: 33053037330000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/12/18 1:00 PM	2/12/18 1:30 PM	0.00	0.0000

Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/12/18 1:30 PM	2/16/18 9:15 AM	0.58	2.0685

Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/12/18 1:30 PM	2/16/18 9:15 AM	1.94	7.0045

Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/16/18 9:15 AM	2/16/18 10:00 AM	0.00	0.0000

Comments: flare gas as per pumper request/line pack.

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technigfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/20/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-KULCZYK-154-94-2029H-8	API #: 33061037320000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/20/18 12:00 PM	2/20/18 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/20/18 1:00 PM	2/24/18 7:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/20/18 1:00 PM	2/24/18 7:00 AM	1.83	6.7750
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/24/18 7:00 AM	2/24/18 8:01 AM	1.90	0.0875
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 2/24/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-KULCZYK-154-94-2029H-9	API #: 33061037210000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/24/18 12:00 PM	2/24/18 1:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/24/18 1:00 PM	2/28/18 8:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/24/18 1:00 PM	2/28/18 8:00 AM	2.26	8.4853
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
2/28/18 8:00 AM	2/28/18 8:01 AM	0.00	0.0000
Comments:	**Explanation of cause to flare**		

Responsible Party (?)					
Name:	David Abbott	Title:	Site Supervisor		
Email:	davidLabbott@technipfms.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/16/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-LEO E-154-94-2423H-10	API #: 33061037900000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/16/17 10:00 AM	12/16/17 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/16/17 11:00 AM	12/19/17 8:00 AM	1.70	4.8282
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/16/17 11:00 AM	12/19/17 8:00 AM	0.87	2.4581
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/19/17 8:00 AM	12/19/17 8:01 AM	0.00	0.0000
Comments:	12/16/17 Split flow gas to TFMC flare and production at direction of pumper, due to high sales line pressure.		
Responsible Party (?)			
Name: David Abbott	**Title:** Site Supervisor		
Email: david.abbott@technipfmc.com	**Phone:** 307-679-4764	**Mobile:** 307-679-4764	

Digital Attachment of Equipment Layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/12/2017

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	EN-LEO E-154-94-2423H-11 API #: 33061037860000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 9:00 AM	12/13/17 10:00 AM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 10:00 AM	12/16/17 1:00 AM	1.32	3.3449

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/13/17 10:00 AM	12/16/17 1:00 AM	1.51	3.8000

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/16/17 1:00 AM	12/16/17 9:00 AM	1.35	0.5667

Comments: 12/13/17- Production facilities unable to take all gas. High Pipeline pressure. Flaring at lease, operators direction

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@technipfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

Version 20170518

Clear data to create Flowback data for new well

Show/Hide auto-populated data

WELL DATA SUMMARY

[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	API # [illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	12/8/17 3:00 PM
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible]
[illegible]	[illegible] PSI

FRAC JOB SUMMARY

[illegible]	[illegible]
[illegible]	[illegible] BBLS
[illegible]	[illegible] LBS
[illegible]	[illegible] Stages
[illegible]	[illegible] Stages

[illegible]

Data Completed By:

Flowback Crew / [illegible] Supervisor

Flowback

Automatic

Event Phase	Date	Remarks	[illegible]
Standard Work	12/8/17 3:00 PM	[illegible]	[illegible]
Standard Work	12/8/17 3:15 PM	[illegible]	[illegible]
Initial Flowback	[illegible]		[illegible]
Initial Production	12/8/17 5:00 PM	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
SPT	[illegible]	[illegible]	[illegible]
SPT	[illegible]	[illegible]	[illegible]
SPT	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
Production through Facilities	[illegible]		[illegible]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 1/2/17 to 8/2/18

Date: 12/22/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-LEO E-154-94-2423H-8	API #: 33061037360000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/22/17 12:00 PM	12/25/17 1:00 AM	1.91	4.6105
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/22/17 12:00 PM	12/25/17 1:00 AM	0.52	1.2896
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/25/17 1:00 AM	12/25/17 1:30 PM	1.06	0.4208
Comments:	11/22/17: Directed to flare by Lease Operator due to high pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 12/19/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-LEO E-154-94-2423H-9	API #: 33061037370000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/19/17 12:00 PM	12/22/17 1:00 AM	1.71	4.2852
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/19/17 12:00 PM	12/22/17 1:00 AM	0.97	2.4303
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/22/17 1:00 AM	12/22/17 8:15 AM	1.20	0.3500
Comments:	12/19/17 Split flow to production and TFMC flare at direction of lease operator, due to high pipeline pressure.		
Responsible Party (1)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@techsignfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/19/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-REHAK-LE-155-93-0718H-1	API #: 33061039290000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/12/17 1:00 PM	12/12/17 1:15 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/12/17 1:15 PM	12/15/17 8:00 AM	0.62	1.2414
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/12/17 1:15 PM	12/15/17 8:00 AM	0.34	0.6325
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Comments:	**Explanation of cause to flare**		

Responsible Party (?)

Name:	Jordan Indvik	Title:	Site Supervisor		
Email:	jordan.indvik@technipfmc.com	Phone:	701-509-4064	Mobile:	701-509-4064

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/30/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-SKABO TRUST-155-93-0631H-4	API #: 33061037580000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/1/17 9:00 AM	12/1/17 10:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/1/17 10:00 AM	12/3/17 10:00 AM	0.34	0.1565
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/1/17 10:00 AM	12/3/17 10:00 AM	1.00	3.9528
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/3/17 10:00 AM	TBD	0.00	0.0000
Comments:			
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: jordan.tedvik@technipfmc.com	Phone: 701-509-4064	Mobile: 701-509-4064	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/19/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-SKABO TRUST-155-93-0631H-5	API #: 33061037590000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/27/17 12:00 PM	11/27/17 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/27/17 2:00 PM	12/9/17 8:00 AM	1.24	1.1840
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/27/17 2:00 PM	12/9/17 8:00 AM	1.14	4.3173
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
12/7/17 12:00 PM	12/10/17 9:00 AM	0.00	0.0000
Comments:	11/27: Unable to ship total volume of oil and gas to production. Flaring to keep separator pressure from increasing. 12/1-2: High pressure at treater. Directed by Lease Operator to flare gas.12/9 High pressure at treater due to high pipe line pressure. Directed by lease operator to flare gas.		
Responsible Party (?)			
Name:	David Abbott	Title:	Site Supervisor
Email:	david.abbott@techniqfmc.com	Phone:	307-679-4764
Mobile:	307-679-4764		

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/19/2017

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	EN-SKABO TRUST-155-93-0631H-6 API #: 33061037600000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 10:40 AM	11/24/17 11:00 AM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 11:00 AM	11/27/17 1:00 AM	1.05	0.2197

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 11:00 AM	11/27/17 1:00 AM	1.47	3.6754

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/27/17 1:00 AM	11/27/17 9:00 AM	1.42	0.4258

Comments: 11/24: Sent as much oil and gas volume to Production as possible. Split flow gas to keep separator pressure from increasing. 11/28: Production had us take all gas and oil so that they could change out the orifice plate in the oil meter.

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@techniofmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/19/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-SKABO TRUST-155-93-0631H-7	API #: 33061012580000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/20/17 9:18 AM	11/20/17 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/20/17 11:00 AM	11/24/17 12:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/20/17 11:00 AM	11/24/17 12:00 AM	0.85	2.9725
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 12:00 AM	11/24/17 8:00 AM	1.00	0.2885
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name: David Abbott		Title: Site Supervisor	
Email: david.abbott@technipfmc.com		Phone: 307-789-4026	Mobile: 307-789-4026

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 1/2/17 to 1/2/18

Date: 6/18/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VACHAL-155-93-0532H-6	API #: 33081038210000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/18/18 1:00 PM	6/18/18 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/18/18 2:00 PM	6/20/18 7:00 PM	0.60	0.2649
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/18/18 2:00 PM	6/20/18 7:00 PM	0.87	1.6829
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/20/18 7:00 PM	6/21/18 7:01 AM	0.89	0.4613
Comments:	Flare as directed by Lease Operator. High pipeline pressure 6-18-18 7:00-10:00 PM; Pipeline compressor down.		
Responsible Party (?)			
Name:	David Abbott	Title:	Site Supervisor
Email:	david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 1/2/17 to 1/2/18

Date: 6/15/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VACHAL-155-93-0532H-7	API #: 33081038220000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/15/18 11:00 AM	6/15/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/15/18 12:00 PM	6/17/18 8:00 PM	0.68	1.5338
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/15/18 12:00 PM	6/17/18 8:00 PM	0.97	2.2421
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/17/18 8:00 PM	6/18/18 10:31 AM	1.07	0.6692
Comments:	Flare as directed by Lease Operator, due to high pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/12/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VACHAL-155-93-0532H-8	API #: 33061008230000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/12/18 3:00 PM	6/12/18 4:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/12/18 4:00 PM	6/14/18 8:00 PM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/12/18 4:00 PM	6/14/18 8:00 PM	0.78	1.6880
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/14/18 8:00 PM	6/15/18 7:01 AM	0.97	0.4455
Comments:	Flare as directed by Production while treater is set up		
Responsible Party (?)			
Name:	Dave abbott	Title:	Site Supervisor
Email:	david.abbott@techrigfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/8/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VACHAL-155-93-0532H-9	API #: 33081038240000	
Coordinates:	LATITUDE / LONGITUDE:	(b) (9) [redacted]	
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/8/18 1:50 PM	6/8/18 2:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/8/18 2:00 PM	6/12/18 9:00 AM	0.53	0.4804
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/8/18 2:00 PM	6/12/18 9:00 AM	1.31	4.8127
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/12/18 9:00 AM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Jeremey Killough	Title:	Site Supervisor
Email:	jeremey.killough@tacheupfmc.com	Phone: 701-818-9198	Mobile: 701-818-9198

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 6/3/2018

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	EN-VACHAL-LW-155-93-0532H-1 API #: 33061038250000
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/4/18 11:20 AM	6/4/18 1:00 PM	1.13	0.0471

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/4/18 1:00 PM	6/8/18 2:00 AM	0.00	0.0000

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/4/18 1:00 PM	6/8/18 2:00 AM	1.25	4.0423

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
6/8/18 2:00 AM	6/8/18 8:00 AM	1.26	0.2708

Comments: Flow to flare as directed by lease operator during treater set up.

Responsible Party (?)

Name:	Jermemy Killough	Title:	Site Supervisor		
Email:	jeremey.killough@technipfmc.co	Phone:	587-433-9968	Mobile:	587-433-9968

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 5/16/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VP AND R-154-94-2536H-10	API #: 33061040630000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/16/18 11:00 AM	5/16/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/16/18 12:00 PM	5/18/18 7:00 PM	2.13	4.8418
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/16/18 12:00 PM	5/18/18 7:00 PM	0.58	1.2985
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/18/18 7:00 PM	5/19/18 7:01 AM	0.48	0.2502
Comments:	Flowing to TEMC flare as directed by Lease Operator due to high pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@technipfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 5/19/2018

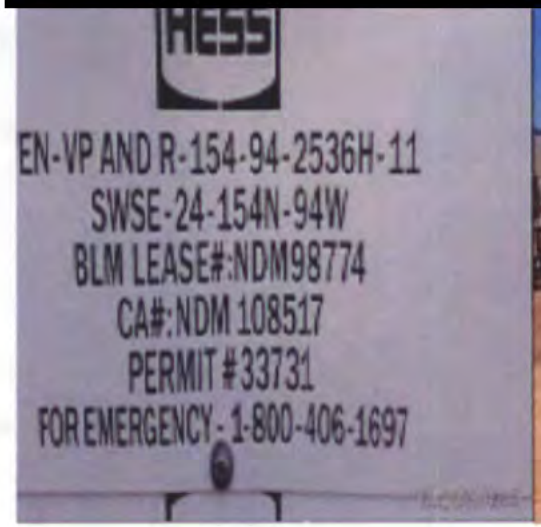
General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VP AND R-154-94-2536H-11	API #: 33061040840000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/19/18 10:30 AM	5/19/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/19/18 11:00 AM	5/22/18 9:25 AM	1.43	4.2048
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/19/18 11:00 AM	5/22/18 9:25 AM	0.66	1.9051
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/22/18 9:29 AM	TBD	0.00	0.0000
Comments:	Flare as directed by Lease Operator. High pipeline pressure.		

Responsible Party(?)

Name:	David Abbott	**Title:**	Site Supervisor		
Email:	david.abbott@technipfmc.com	**Phone:**	307-679-4764	**Mobile:**	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]



HESS

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 5/22/2018

General Information

Company Name:	Hess Bakken LLC, II
Lease/Well:	EN-VP AND R-154-94-253-H-12 API #: 3300104050000
Coordinates:	LATITUDE:/LONG TUDE: (b) (9) [redacted]

Initial Flowback

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/22/18 1:00 PM	5/22/18 2:00 PM	0.00	0.0000

Initial Production - Flare/Separator

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/22/18 2:00 PM	5/24/18 9:00 PM	1.85	4.2243

Initial Production - Flare Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/22/18 2:00 PM	5/24/18 9:00 PM	0.79	1.7678

Production through Facilities

Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/24/18 9:00 PM	5/25/18 8:01 AM	0.57	0.2645

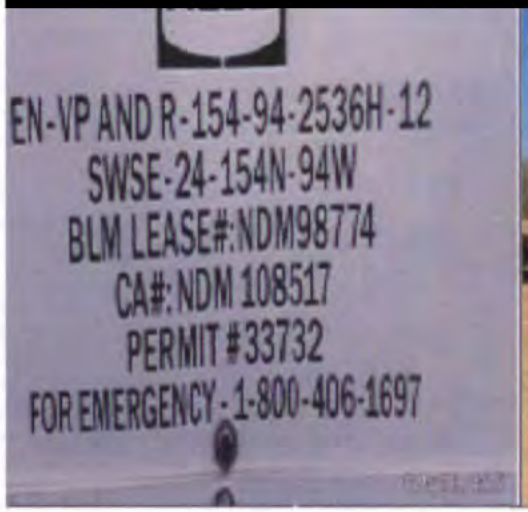
Comments: Flare as directed by Lease Operator due to high pipeline pressure.

Responsible Party (?)

Name:	David Abbott	Title:	Site Supervisor		
Email:	david.abbott@techinfmc.com	Phone:	307-679-4764	Mobile:	307-679-4764

Digital Attachment of equipment layout

(b) (9) [redacted]



40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 5/12/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	EN-VP AND R-154-94-2536H-9	API #: 33061040820000	
Coordinates:	LATITUDE:/LONG TUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/13/18 11:00 AM	5/13/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/13/18 12:00 PM	5/16/18 7:20 AM	1.00	2.7988
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/13/18 12:00 PM	5/16/18 7:20 AM	1.01	2.8003
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
5/16/18 7:20 AM	5/16/18 7:21 AM	0.00	0.0000
Comments:	Split flow to production and flare as directed by Lease Operator High pipeline pressure.		
Responsible Party (?)			
Name: David Abbott	Title: Site Supervisor		
Email: david.abbott@techniplfmc.com	Phone: 307-679-4764	Mobile: 307-679-4764	

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/1/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	GO-VINGER-156-98-2116H-2	API #: 33105044490000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/1/18 1:00 PM	3/1/18 10:00 PM	0.19	0.0158
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/1/18 10:00 PM	3/12/18 2:32 PM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/1/18 10:00 PM	3/12/18 2:32 PM	1.53	13.2923
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/12/18 2:32 PM	TBD	0.00	0.0000
Comments:	12/22/17: Directed to flare by Lease Operator due to high pipeline pressure.		
Responsible Party (?)			
Name:	Robert Archuleta	Title:	Site Supervisor
Email:	robert.archuleta@hessmidstream.com	Phone:	307-521-8164 Mobile: 307-521-8164

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

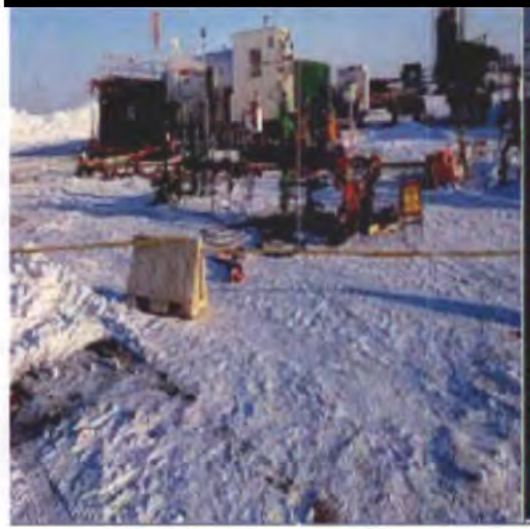
Date: 3/10/2018

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	GO-VINGER-156-98-2116H-3	API #: 33106044480000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/11/18 11:00 AM	3/11/18 12:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/11/18 12:00 PM	3/21/18 1:00 PM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/11/18 12:00 PM	3/21/18 1:00 PM	1.64	16.3041
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/21/18 1:00 PM	3/21/18 11:59 PM	0.00	0.0000
Comments:	**Explanation of cause to flare**		

Responsible Party (?)					
Name:	Jake Comeaux	Title:	Site Supervisor		
Email:	jake.comeaux@technipfmc.com	Phone:	337-356-8114	Mobile:	337-356-8114

Digital Attachment of equipment layout

(b) (9) [redacted]



HESS 40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/13/2018

General Information			
Company Name:	Hess Bakken LLC, B		
Lease/Well:	GO-VINGER-156-98-2116H-4	API #: 33105044470000	
Coordinates:	LATITUDE:/LONG TUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/13/18 8:00 AM	3/13/18 9:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/13/18 9:00 AM	3/20/18 8:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/13/18 9:00 AM	3/20/18 8:00 AM	1.24	8.6189
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/20/18 8:00 AM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Robert Archuleta	Title:	Site Supervisor
Email:	robert.archuleta@technipfmc.com	Phone: 307-321-8164	Mobile: 307-321-8164

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 3/20/2018

General Information			
Company Name:	Hess Bakken LLC, B		
Lease/Well:	GO-VINGER-156-98-2116H-5	API #: 33105044460000	
Coordinates:	LATITUDE:/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/20/18 10:00 AM	3/20/18 11:00 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/20/18 11:00 AM	3/26/18 12:00 PM	1.02	0.7625
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/20/18 11:00 AM	3/26/18 12:00 PM	1.09	5.0582
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
3/26/18 12:00 PM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Robert Archuleta	Title:	Site Supervisor
Email:	robert.archuleta@technipfmc.com	Phone: 307-321-8164	Mobile: 307-321-8164

Digital Attachment of equipment layout

(b) (9) [redacted]

HESS 40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/17/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	SC-1WX-152-99-0809H-6	API #:	33053078440000
Coordinates:	LATITUDE/LONGITUDE:	(b) (9) [redacted]	

Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/18/17 10:00 AM	10/18/17 10:10 AM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/18/17 10:13 AM	10/23/17 8:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/18/17 10:13 AM	10/23/17 8:00 AM	2.68	13.0711
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/23/17 8:00 AM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		

Responsible Party (?)					
Name:	Robert Sizelove	Title:	Site Supervisor		
Email:	rsizelove@newkota.com	Phone:	407-516-8323	Mobile:	407-516-8323

Digital Attachment of equipment layout

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 10/23/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	SC-1WX-152-99-0809H-7	API #:33053078450000	
Coordinates:	LATITUDE / LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/23/17 3:00 PM	10/23/17 4:00 PM	0.00	0.0000
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/23/17 4:00 PM	10/27/17 9:00 AM	0.00	0.0000
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/23/17 4:00 PM	10/27/17 9:00 AM	2.68	9.7471
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
10/27/17 9:00 AM	TBD	0.00	0.0000
Comments:	**Explanation of cause to flare**		
Responsible Party (?)			
Name:	Robert Szekove	Title:	Site Supervisor
Email:	rszekove@newfota.com	Phone: 407-516-8323	Mobile: 407-516-8323

(b) (9) [redacted]

40 CFR 60 SUBPART OOOOa | ANNUAL REPORT

REPORTING PERIOD: 8/2/17 to 8/2/18

Date: 11/22/2017

General Information			
Company Name:	Hess Bakken LLC, II		
Lease/Well:	SC-1WX-152-99-0809H-8	API #: 33053078480000	
Coordinates:	LATITUDE/LONGITUDE: (b) (9) [redacted]		
Initial Flowback			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/23/17 2:10 PM	11/24/17 1:00 PM	3.50	0.5830
Initial Production - Flare/Separator			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 1:00 PM	11/27/17 12:45 PM	2.08	6.2242
Initial Production - Flare Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
11/24/17 1:00 PM	11/27/17 12:45 PM	1.12	3.3204
Production through Facilities			
Start Date & Time	End Date & Time	Rate: MMscf/d	Amount: MMscf
#N/A	#N/A	0.00	0.0000
Comments:	Flaring at the request of the SRO during flowback operations.		
Responsible Party (?)			
Name:	Luke Janis	Title:	Site Supervisor
Email:	luke.janis@[redacted]	Phone:	701-340-2699
Mobile:	701-340-2699		

Digital Attachment of equipment layout

(b) (9) [redacted]

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspecter	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - AN-BRENNA/EVENSON LE	2/6/2018 12:55	2/6/2018 14:15	6	WNW/12	(b) (6)	OGI Inspection	2/6/2018	Confirmed and Closed	2/7/2018	Thief Hatch	T15310-Thief Hatch venting from the lid (Viton)-Mov_4574 T15307-Thief Hatch venting from the lid (Viton)-Mov_4575 T15306-Thief Hatch venting from the lid (Viton)-Mov_4576
OGI Inspection - AN-BRENNA/EVENSON LE	7/5/2018 12:05	7/5/2018 13:50	68	S/5		OGI Inspection	7/5/2018	Confirmed and Closed	7/27/2018	Thief Hatch	T15331*-Thief hatch lid venting (Viton) Mov_6371 T15321*-Thief hatch lid venting (Viton)-Mov_6361 T15314-Thief hatch lid venting (Viton)-Mov_6367 T15306-Thief hatch lid & bolts venting (Viton) Mov_6374 T15305-Thief hatch lid venting (Viton)-Mov_6375 T15311-Thief hatch lid venting (Viton)-Mov_6369 T15315-Thief hatch lid venting (Viton)-Mov_6368 T15309-Thief hatch lid venting (Viton)-Mov_6373 T15313-Thief hatch lid venting (Viton)-Mov_6366 T15318*-Thief hatch lid venting (Viton) Mov_6364 T15308-Thief hatch lid venting (Viton)-Mov_6372 T15329*-Thief hatch lid venting (Viton)-Mov_6377 T15327-Thief hatch lid venting (Viton) Mov_6375 T15307-Thief hatch lid venting (Viton)-Mov_6377 T15304-Thief hatch lid venting (Viton)-Mov_6376 T15316-Thief hatch lid venting (Viton)-Mov_6376 T15320*-Thief hatch lid venting (Viton)-Mov_6365 T15319*-Thief hatch lid venting (Viton)-Mov_6365 T15316-Enardo PVRV is venting from the pressure side gasket & the vacuum side gasket-An audible noise can be heard coming from the leak-Mov_6369
OGI Inspection - AN-BRENNA/EVENSON LE	9/28/2017 9:15	9/28/2017 11:42	55	NW 5-10		OGI Inspection	9/28/2017	Confirmed and Closed	7/30/2018 9/28/2017	Pressure Relief Devices Pressure Relief Devices	T15321* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE MOV_3675 T15330* ENARDO PVRV ALLOWING CONTINUOUS VENTING FROM VENT PIPE MOV_3686 T15327 ENARDO VACUUM PVRV LID LEAK MOV_3687 T15305 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE MOV_3680 T15316 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE MOV_3685
										Thief Hatch	T15315 THIEF HATCH LID (VITON BASE) MOV_3681 T15305 THIEF HATCH LID (VITON BASE) MOV_3678 T15321* THIEF HATCH LID (VITON BASE) MOV_3676 T15317 THIEF HATCH LID (WRAPPED TANK) MOV_3683 T15320* THIEF HATCH LID (VITON BASE) MOV_3674 T15312 THIEF HATCH LID (VITON BASE) MOV_3679 T15330* THIEF HATCH LID (VITON BASE) MOV_3680 T15311 THIEF HATCH LID (VITON BASE) MOV_3677 T15331* THIEF HATCH LID (VITON BASE) MOV_3688 T15329* THIEF HATCH LID (VITON BASE) MOV_3684 T15328 THIEF HATCH LID (VITON BASE) MOV_3689 T15318* THIEF HATCH LID (VITON BASE) MOV_3672 T15319* THIEF HATCH LID (VITON BASE) MOV_3673
OGI Inspection - AN-Dinwoodie/Gudbranson-153-94-2833/2215H-2,3,LWH-1/LWH-	10/27/2017 12:25	10/27/2017 13:30	35	SW 10		OGI Inspection	10/27/2017	Confirmed and Closed	11/16/2017	Thief Hatch	T16215-Thief hatch lid (black gasket) mov_4165 T16223-Thief hatch front bolt (black gasket) mov_4163
										Pressure Relief Devices	T16225* Enardo PVRV allowing continuous venting via vent pipe (accessible) mov_4161 T16220 In Line Enardo leaking from lid (not accessible) mov_4167 T16214 Enardo PVRV allowing continuous venting via vent pipe (accessible) mov_4168 T16227* Enardo PVRV allowing continuous venting via vent pipe (accessible) mov_4162
OGI Inspection - AN-Dinwoodie/Gudbranson-153-94-2833/2215H-2,3,LWH-1/LWH-	2/8/2018 8:00	2/8/2018 9:20	4	N/2		OGI Inspection	2/8/2018	Confirmed and Closed	11/17/2017 2/8/2018	Connectors Thief Hatch	Dinwoodie H2 Sales Gas Kimray - leak from Stainless Steel fuel gas line into 300 PSI Gauge mov_4169 T16224*-Thief hatch venting from the lid (Black gasket)-Mov_4605 T16223-Thief hatch venting from the lid (Black gasket)-Mov_4604 T16222-Thief hatch venting from the lid (Black gasket) Mov_4603 T16220-Thief hatch venting from the lid (Black gasket) Mov_4602 T16217-Thief hatch venting from the lid (Black Gasket)-Mov_4601 T16227*-Thief Hatch venting from the lid (Black gasket)-Mov_4607
										Pressure Relief Devices	T16225*-Enardo PVRV is venting from the end of the pipe-Mov_4606
OGI Inspection - AN-Dinwoodie/Gudbranson-153-94-2833/2215H-2,3,LWH-1/LWH-	7/9/2018 8:45	7/9/2018 10:15	48	ESE/10		OGI Inspection	7/9/2018	Confirmed and Closed	7/30/2018	Thief Hatch	T16226*-Thief hatch lid venting (Black Gasket) Mov_6413 T16212-Thief hatch lid venting (Black Gasket)-Mov_6408 T16224*-Thief hatch lid venting (Black Gasket)-Mov_6411 T16225*-Thief hatch lid venting (Black Gasket)-Mov_6412 T16227*-Thief hatch lid venting (Black Gasket)-Mov_6414 T16215-Thief hatch lid venting (Black Gasket)-Mov_6407 T16210-Thief hatch lid venting (Covered in Tin)-Mov_6410 T16211-Thief hatch lid venting (Black Gasket)-Mov_6409 T16218-Thief hatch lid venting (Black Gasket)-Mov_6415 T16221* Thief hatch lid venting (Black Gasket)-Mov_6416
OGI Inspection - AN-Doublebar Y Pad	7/5/2018 7:30	7/5/2018 9:40	57	N/4		OGI Inspection	7/5/2018	Confirmed and Closed	7/30/2018	Other	T16400*-Anode to the left of the Thief Hatch is venting-Mov_6325 T16399*-Anode to the right of the Thief Hatch is venting-Mov_6332 T16398*-Anode to the left of the Thief Hatch is venting-Mov_6333 T16400*-Anode to the right of the Thief Hatch is venting-Mov_6330 T16401*-Anode to the left of the Thief Hatch is venting-Mov_6328 T16399*-Anode to the left of the Thief Hatch is venting-Mov_6331 T16401*-Anode to the right of the Thief Hatch is venting-Mov_6335 T16398*-Anode to the right of the Thief Hatch is venting-Mov_6334

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - AN-EVENSON-152-95 MW Pad (North 0310H-2,3,4,5	2/6/2018 9:05	2/6/2018 10:45	-2	S/4	(b) (6) [redacted]	OGI Inspection	2/6/2018	Confirmed and Closed	2/6/2018	Thief Hatch	T11013- Thief Hatch venting from the lid (Viton)-Mov_4541 T11008- Thief hatch venting from the lid (Viton)-Mov_4539 T11015- Thief hatch venting from the lid (Viton)-Mov_4548 T11005- Thief hatch venting from the lid (Viton)-Mov_4556 T11011*- Thief hatch venting from the lid (Viton)-Mov_4544 T11010*-Thief hatch venting from the lid (Viton)-Mov_4551 T11083- Thief hatch venting from the lid (Viton)-Mov_4554 T11090- Thief hatch venting from the lid (Viton)-Mov_4552 T11087- Thief hatch venting from the lid (Viton)-Mov_4553 T11088- Thief hatch venting from the lid (Viton)-Mov_4549 T11082- Thief Hatch venting from the lid (Viton)-Mov_4547 T11009*- Thief Hatch venting from the lid (Viton)-Mov_4545 T11007- Thief Hatch venting from the lid (Viton)-Mov_4542 T11092*- Thief Hatch venting from the lid (Viton)-Mov_4546
OGI Inspection - AN-EVENSON-152-95 MW Pad (North 0310H-2,3,4,5	9/5/2017 11:15	9/5/2017 13:00	60	W/12		OGI Inspection	9/5/2017	Confirmed and Closed	9/5/2017	Pressure Relief Devices Thief Hatch	T11088 ENARDO PVRV - BOTTOM OF VACUUM CANISTER - ACCESSIBLE FROM CAT WALK - MOV 0756 T11014 THIEF HATCH - MOV 0753 T11012 THIEF HATCH - MOV 0749 T11089* THIEF HATCH - MOV 0752 T11007 THIEF HATCH - MOV 0748 T11006* THIEF HATCH - MOV 0751 T11083 THIEF HATCH - MOV 0750
OGI Inspection - AN-EVENSON-152-95 MW Pad (North 0310H-2,3,4,5	7/5/2018 9:50	7/5/2018 11:45	61	ENE/3		OGI Inspection	7/5/2018	Confirmed and Closed	7/24/2018	Other	T11011*-Anode directly behind the thief hatch is venting-Mov_6357 T11003*-Anode directly behind the thief hatch is venting-Mov_6355 T11006*-Anode to the right of the thief hatch is venting-Mov_6340 T11089*-Anode directly behind the thief hatch is venting-Mov_6342
										Pressure Relief Devices Thief Hatch	T11010*-Enardo PVRV is venting for underneath the bottom of the vacuum side-Mov_6344 T11012-Thief hatch lid venting (Viton)-Mo_6366 T11086*-Thief hatch lid venting (Viton) Mov_6343 T11085-Thief hatch lid venting (Viton)-Mov_6351 T11091-Thief hatch lid venting (Viton)-Mov_6338 T11013-Thief hatch lid venting (Viton)-Mov_6356 T11007-Thief hatch lid venting (Viton)-Mov_6358 T11082-Thief hatch lid venting (Viton)-Mov_6356 T11004-Thief hatch lid venting (Viton)-Mov_6340 T11090-Thief hatch lid venting (Viton)-Mov_6337 T11084 Thief hatch lid venting (Viton) Mov_6352 T11010*-Thief hatch lid venting (Viton)-Mov_6345 T11088-Thief hatch lid venting (Viton)-Mov_6349 T11005-Thief hatch lid venting (Viton)-Mov_6348 T11006*-Thief Hatch lid venting (Viton)-Mov_6339 T11011*-Thief hatch lid venting (Viton)-Mov_6354 T11003*-Thief hatch lid venting (Viton)-Mov_6354 T11089*-Thief hatch lid venting (Viton)-Mov_6341 T11014-Theif hatch lid venting (Viton)-Mov_6346 T11092*-Thief hatch lid venting (Viton)-Mov_6353 T11083-Thief hatch lid venting (Viton)-Mov_6336
OGI Inspection - AN-Gudbranson-153-94 MW Pad (H1-7)	10/11/2017 10:00	10/11/2017 0:00	36	SE/9		OGI Inspection	10/11/2017	Confirmed and Closed	10/11/2017	Thief Hatch	T10793 - Thief hatch (buna) - Mov_1226
									11/8/2017	Flanges	T10793 - LP header flange above tank (man lift needed) - Mov_1225
										LP Flare	LP flare - not lit and emitting - Mov_1230
										Liq EQ Line	T9541 - EQ collar west side of tank leaking from bottom of collar - Mov_1227
										Valves	LP vent line NE of tank battery at valve (under insulation) - Mov_1228
									10/19/2017	Thief Hatch	T16208* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4014 T16202 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4016 T16199 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4017
									10/31/2017	Valves	H-4 TREATER BUILDING - VALVE INTO 'T' BELOW PIT-4101 MOV_4018
										Other	H-5 TREATER BUILDING - PCV-5108 INTO PIPE BELOW MOV_4015 H-5 TREATER BUILDING. PCV-5123 PIPE THREADS INTO WEST SIDE OF PCV MOV_4020 H-5 TREATER BUILDING - PIPE THREADS INTO PIPE CONNECTOR ABOVE GAS SCRUBBER (SEE PICTURE) -
										Connectors	MOV_4021
OGI Inspection - AN-Gudbranson-153-94 MW Pad (H1-7)	2/7/2018 11:10	2/7/2018 12:40	1	WSW/1		OGI Inspection	2/7/2018	Confirmed and Closed	2/20/2018	Thief Hatch	T16204- Thief hatch is venting from the lid (Wrapped in tin)-Mov_4590 T16209*- Thief Hatch is venting from the lid (Viton)-Mov_4585 T10792- Thief hatch is venting from the lid (Black gasket) Mov_4588 T16200- Thief hatch venting from the lid (Viton)-Mov_4592 T16198- Thief hatch is venting from the lid (wrapped in tin) Mov_4593 T16199- Thief hatch venting from the lid (Viton)-Mov_4592 T9541*- EQ line is venting between to collor and tank (previously repaired). The leak is between tanks
										Liq EQ Line	T9541* & T10793, closer to T9541*-Mov_4587
										LP Vapor Line	T10790-Tank header is venting from the left of the union/T. this leak looks as if it was previously repaired Mov_4586
OGI Inspection - AN-Gudbranson-153-94 MW Pad (H1-7)	7/9/2018 7:00	7/9/2018 8:40	43	N/10		OGI Inspection	7/9/2018	Confirmed and Closed	7/27/2018	Thief Hatch	T16205-Thief hatch lid venting (Viton)-Mov_6397 T10790-Thief hatch lid venting (Buna)-Mov_6403 T16203-Thief hatch lid venting (Viton)-Mov_6402 T9541*-Thief hatch venting from the bolts (Viton) Mov_6403 T16207*-Thief hatch lid venting (Viton)-Mov_6399 T16206*-Thief hatch lid venting (Viton)-Mov_6398 T16208*-Thief hatch lid venting (Viton)-Mov_6394 T16209*-Thief hatch lid venting (Viton)-Mov_6393 T16200-Thief hatch lid venting (Viton)-Mov_6400 T16199-Thief hatch lid venting (Viton)-Mov_6395 T16202-Thief hatch lid venting (Viton)-Mov_6401 T16204-Thief hatch lid venting (Covered in tin)-Mov_6398
										Other	T9542*-Tank plug on the right side of the tank is venting from the collor-Mov_6404 T9541*-EQ Line is venting from the collor & threads (previously fixed). The leak is between tanks T9541* &
									7/30/2018	Liq EQ Line	T10793, closer to T9541*-Mov_6406
OGI Inspection - AN-Lone Tree MW Pad (H1-3)	12/14/2017 11:05	12/14/2017 12:05	30	NW/17		OGI Inspection					No Deviations Identified

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - AN-Lone Tree MW Pad (H1-3)	5/14/2018 7:50	5/14/2018 8:50:58		WNW/6	(b) (6) [redacted]	OGI Inspection					No Deviations Identified
OGI Inspection - AN-PROSSER152-95-1102H5-10	2/8/2018 8:55	2/8/2018 10:20	-2	N/4		OGI Inspection	2/8/2018	Confirmed and Closed	2/8/2018	Thief Hatch	T15965-Thief hatch venting from the lid (Viton)-Mov_4611
										Pressure Relief Devices	T15963- Enardo PVRV venting from the end of the pipe-Mov_4614
											T15969- Enardo PVRV venting from the end of the pipe-Mov_4612
											T15966-Enardo PVRV venting from the end of the pipe-Mov_4611
											T15960- Enardo PVRV venting from the end of the pipe-Mov_4612
OGI Inspection - AN-PROSSER152-95-1102H5-10	9/1/2017 7:31	9/1/2017 9:00:59		SW/3		OGI Inspection	9/1/2017	Confirmed and Closed	9/25/2017	Thief Hatch	T15972* Thief Hatch venting from the lid-Mov_2751
											T15960- Thief Hatch venting from the lid-Mov_2753
											T15971*-Thief Hatch venting from the lid-Mov_2752
											T15974*- Thief Hatch venting from the lid-Mov_2754
											T15973*- Thief Hatch venting from the lid-Mov_2755
OGI Inspection - AN-PROSSER152-95-1102H5-10	7/23/2018 12:05	7/23/2018 13:45:20		WNW/18		OGI Inspection	7/23/2018	Confirmed and Closed	8/14/2018	Thief Hatch	T15972* Thief Hatch lid venting (Viton)-Mov_6735
											T15966-Thief Hatch lid venting (Viton)-Mov_6733
											T15967-Thief Hatch lid venting (Viton)-Mov_6732
											T15973* Thief Hatch lid venting (Viton)-Mov_6731
											T15968-Thief Hatch lid venting (Viton)-Mov_6731
											T15965-Thief Hatch lid venting (Viton)-Mov_6734
											T15969-Thief Hatch lid venting (Viton)-Mov_6736
											T15963-Thief Hatch lid venting (Viton)-Mov_6725
											T15974* Thief Hatch lid venting (Viton)-Mov_6730
OGI Inspection - BB-BUDAHN A/BUDAHN-150-95-0403H-6,7,8,9,10/0500H-6,7,5H	3/7/2018 9:20	3/7/2018 10:30:6		W/11		OGI Inspection	3/7/2018	Confirmed and Closed	3/7/2018	Thief Hatch	T15113- Thief hatch venting from the lid (Viton)-Mov_4903
										Thief Hatch	T15109- Thief hatch venting from the lid (Viton)-Mov_4903
OGI Inspection - BB-BUDAHN A/BUDAHN-150-95-0403H-6,7,8,9,10/0500H-6,7,5H	10/25/2017 8:05	10/25/2017 9:25:30		W/4		OGI Inspection	10/25/2017	Confirmed and Closed	11/6/2017	Pressure Relief Devices	T15114-Enardo PVRV venting from the end of the pipe-Mov_4063
										Thief Hatch	T15113-Thief Hatch venting from the lid (Viton)-Mov_4068
											T15108-Thief Hatch venting from the lid (Viton)-Mov_4062
											T15101-Thief Hatch venting from the lid (Viton)-Mov_4060
											T15111-Thief Hatch venting from the lid (Viton)-Mov_4069
											T15109-Thief Hatch venting from the lid (Viton)-Mov_4063
											T15112-Thief Hatch venting from the lid (Viton)-Mov_4065
OGI Inspection - BB-BUDAHN A/BUDAHN-150-95-0403H-6,7,8,9,10/0500H-6,7,5H	7/16/2018 12:00	7/16/2018 13:40:24		ENE/8		OGI Inspection	7/16/2018	Confirmed and Closed	8/13/2018	Pressure Relief Devices	T15116* Enardo PVRV is venting from the bottom/Vacuum side canister lid Mov_6582
										Thief Hatch	T15116* Thief hatch lid venting (Viton)-Mov_6583
											T15107-Thief hatch lid venting (Tin Covered)-Mov_6580
											T15114* Thief hatch lid venting (Viton)-Mov_6582
											T15117*-Thief hatch lid venting (Viton)-Mov_6581
											T15105-Thief hatch lid venting (Viton)-Mov_6576
											T15102-Thief hatch lid venting (Viton)-Mov_6575
											T15104-Thief hatch lid venting (Viton)-Mov_6577
											T15115* Thief hatch lid venting (Viton)-Mov_6584
											T15103-Thief hatch lid venting (Viton)-Mov_6578
OGI Inspection - BB-Chapin A N Pad	2/28/2018 8:15	2/28/2018 10:30:15		WSW/12		OGI Inspection	2/28/2018	Confirmed and Closed	3/7/2018	Other	VRU BLD-Gray union to the right of the motor is venting from the seal-Mov_4827
										Other	Treater BLD H6-Gray union above the has scrubber is venting from the threads-Mov_4824
									3/1/2018	Thief Hatch	T16180* Thief Hatch venting from the lid(Viton)-mov4825
											T16181*-Thief Hatch venting from the lid (Viton)-Mov_4828
											T16178-Thief Hatch venting from lid(Viton) mov_4833
											T16177/green wrapped tank-Thief Hatch venting from lid (wrapped in tin) -mov_4832
											T16179* Thief Hatch venting from lid(Viton) mov_4831
OGI Inspection - BB-Chapin A N Pad	8/9/2017 14:48		61	NW/11		OGI Inspection	8/9/2017	Confirmed and Closed	8/21/2017	Thief Hatch	T16174- Thief Hatch venting from the lid-Mov_2501
											T16173-Thief Hatch venting from the lid-Mov_2509
											T16182- Thief Hatch venting from the lid-Mov_2502
											Green wrapped tank-TK5001- Thief Hatch venting from the lid-Mov_2507
											T16176- Thief Hatch venting from the lid-Mov_2510
										Other	T16181-Tank plug to the left of the thief hatch is venting from the silver cap/connection-Mov_2519
											T16180-Tank plug to the left of the thief hatch is venting from the silver cap/connection-Mov_2515
											T16181-Tank plug to the right of the thief hatch is venting from the silver cap/connection-Mov_2514
											T16179-Tank plug to the right of the thief hatch is venting from the silver cap/connection-Mov_2518
											T16182-Tank plug to the right of the thief hatch is venting from the silver cap/connection-Mov_2513
											T16182-Tank plug to the left of the thief hatch is venting from the silver cap/connection-Mov_2511
											T16180-Tank plug to the right of the thief hatch is venting from the silver cap/connection-Mov_2516
											T16179-Tank plug to the left of the thief hatch is venting from the silver cap/connection-Mov_2517
OGI Inspection - BB-Chapin 1 Pad	6/6/2018 12:05	6/6/2018 13:35:70		ESE/7		OGI Inspection	6/6/2018	Confirmed and Closed	6/13/2018	Thief Hatch	T10694-Thief Hatch lid venting (Buna)-Mov_6055
											T15794* Thief Hatch lid venting (Viton)-Mov_6097
											T15793*-Thief hatch lid venting (Viton)-Mov_6199
							6/13/2018	Confirmed and Closed			An audible noise could be heard coming from the hatch
											T10590*-Thief Hatch air venting (Buna)-Mov_6064
											T10591-Thief Hatch lid venting (Buna)-Mov_6063
											T10709-Thief Hatch lid venting (Buna) Mov_6062
											T16364-Thief Hatch venting (Lock Down Hatch)-Mov_6066
											T10759-Thief Hatch lid venting (Buna)-Mov_6061
											T10758-Thief Hatch lid venting (Buna)-Mov_6057
											T10756-Thief Hatch lid venting (Buna) Mov_6058
											T10760-Thief Hatch lid venting (Buna) Mov_6056
										Pressure Relief Devices	T10709-Enardo PVRV venting from the end of the pipe-Mov_6059
OGI Inspection - BB-CHAPIN S Pad	9/11/2017 10:37		58	E/5		OGI Inspection	9/11/2017	Confirmed and Closed	9/14/2017	Thief Hatch	T10767*-Thief Hatch venting from the lid (Buna gasket)-Mov_2908
											T10593*- Thief Hatch venting from the lid (Buna gasket) Mov_2911
											T10768- Thief Hatch venting from the lid (Buna gasket 2911
											T10596- Thief Hatch venting from the lid (Buna gasket)-Mov_2907
											T10585*- Thief Hatch venting from the lid (Buna gasket)- Mov_2914
											T15792- Thief Hatch venting from the lid (Viton gasket)- Mov_2915
											T10584- Thief Hatch venting from the lid (Buna gasket)- Mov_2913
											T10777*- Thief Hatch venting from the lid (Buna gasket)- Mov_2909
										Pressure Relief Devices	T10593*- Enardo PVRV is venting from where the bolts & canister meet-Mov_2911
OGI Inspection - BB-FIDF-151-95-3328H-3,4,5,6,7,LE H-1	2/2/2018 8:55	2/2/2018 10:05:5		WNW/4		OGI Inspection	2/2/2018	Confirmed and Closed	2/5/2018	Pressure Relief Devices	T16112- Enardo PVRV is venting from the end of the pipe-Mov_4494
											T16123-Enardo PVRV is venting from the end of the pipe-Mov_4495
											T16115-Enardo PVRV is venting from the end of the pipe-Mov_4496

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - BB-EDDE-151-95-3330H-3,4,5,6,7,8,9-1	10/17/2017 8:35	10/17/2017 9:35	45	NW/13	(b) (6) [redacted]	OGI Inspection	10/17/2017	Confirmed and Closed	10/20/2017	Pressure Relief Devices	T16123* Enardo PVRV venting from the end of the pipe-Mov_3954
											T16112- Enardo PVRV venting from the end of the pipe-Mov_3951
											The PLC will show the tank number (Wrapped tank)
										Thief Hatch	T16126*-Thief Hatch venting from the lid (Viton)-Mov_3951
											T16114- Thief Hatch venting from the lid (Viton)-Mov_3956
											T16116- Thief Hatch venting from the lid (Viton)-Mov_3949
											T16125*- Thief Hatch venting from the lid (Viton)-mov_3956
											T16117- Thief Hatch venting from the lid (Viton) Mov_3952
											T16119- Thief Hatch venting from the lid (Viton)-Mov_3952
											T16124*-Thief Hatch venting from the lid (Viton)-Mov_3957
OGI Inspection - BB-EDDE-151-95-3330H-3,4,5,6,7,8,9-1	7/13/2018 11:20	7/13/2018 13:15	84	SW/10		OGI Inspection	7/13/2018	Confirmed and Closed	7/25/2018	Thief Hatch	T16114-Thief hatch lid venting (Viton)-Mov_6545
											T16124* Thief hatch lid venting (Viton) Mov_6551
											T16113-Thief hatch lid venting (Viton) Mov_6548
											T16123*-Thief hatch lid venting (Viton)-Mov_6550
											T16122-Thief hatch lid venting (Viton)-Mov_6549
											T16125*- Thief hatch lid venting (Viton)-Mov_6552
											T16126*-Thief hatch lid venting (Viton)-Mov_6553
											T16116-Thief hatch lid venting (Viton)-Mov_6547
											T16121-Thief hatch lid venting (Viton)-Mov_6546
											T16115-Thief hatch lid venting (Viton) Mov_6544
										Pressure Relief Devices	T16117 (TK 5002)-Enardo PVRV venting from the front of the pipe-Mov_6547
OGI Inspection - BB FEDERAL W Pad	8/9/2017 15:25		68	NW/8		OGI Inspection	8/9/2017	Confirmed and Closed	9/7/2017	Pressure Relief Devices	T16128-Enardo PVRV top canister is leaking from the bottom plate - Mov_2527
											PVRV REQUIRES LIFT TO TAKE APART AND REPLACE GASKETS - LEAKING FROM BASE GASKET AND FLANGE
											GASKET CONNECTING VENT PIPE
									9/1/2017	Pressure Relief Devices	T16140- PVRV venting from the end of the pipe-Mov_2523
											T16140- Tank Plug to the left of the thief hatch is venting from the connection & hose-Mov_2523
									9/7/2017	Other	9/1/2017 - STILL LEAKING AT CABLE CONNECTOR AND EYE BOLT - WEST FRONT ANOID
											T16139-Tank plug venting to the left of the thief hatch-The plug appears to be venting from the eye
									9/1/2017	Other	Mov_2525
									9/1/2017	Thief Hatch	T16139- Thief Hatch venting from the lid-Mov_2524
											T16137- Thief Hatch venting from the lid-Mov_2511
											Green wrapped tank (right)-21994- Thief Hatch venting from the lid-Mov_2523
											Green wrapped tank (left)-21204- Thief Hatch venting from the lid-Mov_2521
OGI Inspection - BB-Lars Rothie W Pad	12/1/2017 8:20	12/1/2017 9:50:12		W 5-10		OGI Inspection	12/1/2017	Confirmed and Closed	12/5/2017	Thief Hatch	T16292 THIEF HATCH LID (PAINTED BASE) MOV_4349
											T16286 THIEF HATCH LID (PAINTED BASE) MOV_4347
											T16289 THIEF HATCH LID (PAINTED BASE) MOV_4345
											T16291 THIEF HATCH LID (PAINTED BASE) MOV_4350
											T16288 THIEF HATCH LID (PAINTED BASE) MOV_4346
											T16294 THIEF HATCH LID (PAINTED BASE) MOV_4348
											T16298* THIEF HATCH LID (PAINTED BASE) MOV_4353
											T16301* THIEF HATCH LID (PAINTED BASE) MOV_4221
											T16300* THIEF HATCH LID (PAINTED BASE) MOV_4222
							12/27/2017	Confirmed and Closed	12/27/2017	Other	T16298* ANODE TO BACK RIGHT OF TANK (SE SIDE) LEAK MOV_4354
											T16300* ANODE 5205B LEAK FROM ANODE MOV_4221
											T16299* ANODE 5204A LEAK FROM ANODE MOV_4224
											T16297* ANODE TO THE BACK RIGHT (SE) LEAK MOV_4352
							12/1/2017	Confirmed and Closed	12/27/2017	Other	T16296* ANODE TO BACK RIGHT OF TANK (SE SIDE) MOV_4351
OGI Inspection - BB-Lars Rothie W Pad	5/31/2018 11:05	5/31/2018 0:35:46		NE/12		OGI Inspection	5/11/2018	Confirmed and Closed	5/31/2018	Thief Hatch	T16296*-Thief hatch lid venting (Viton)-Mov_5994
											T16298*- Thief hatch lid venting (Viton)-Mov_5997
											T16284-Thief hatch lid venting (Tin Covered) Mov_5985
											T16297*- Thief hatch lid venting (Viton) Mov_5997
											T16290-Thief hatch lid venting (Viton)-Mov_5990
											T16299*-Thief hatch lid venting (Viton)-Mov_5991
OGI Inspection - BB-OLE ANDERSON-151-95-3130H-4,5,6,7,8	2/2/2018 12:45	2/2/2018 13:55:14		NW/6		OGI Inspection	2/2/2018	Confirmed and Closed	2/5/2018	Thief Hatch	T15837- Thief hatch is venting from the lid (The hatch is wrapped in tin)-Mov_4511
											T15848-Thief hatch is venting from the lid (Viton)-Mov_4514
											T15844-Thief Hatch is venting from the lid (Viton)-mov_4513
											T15843-Thief hatch is venting from the lid (The hatch is wrapped in tin)-Mov_4512
OGI Inspection - BB-OLE ANDERSON-151-95-3130H-4,5,6,7,8	9/7/2017 8:15	9/7/2017 10:20:20		SW/8		OGI Inspection	9/7/2017	Confirmed and Closed	9/13/2017	Thief Hatch	T15849* THIEF HATCH - MOV 0825
											T15848 THIEF HATCH - MOV 0825
											T15847 THIEF HATCH - MOV 0824
											T15850* THIEF HATCH - MOV 0828
											T15838 THIEF HATCH - MOV 0821
											T15837 THIEF HATCH - MOV 0822
											T15852* THIEF HATCH - MOV 0826
											T15841 THIEF HATCH - MOV 0819
											T15840 THIEF HATCH - MOV 0820
											T15842 THIEF HATCH - MOV 0818
											T15851* THIEF HATCH - MOV 0827
										Pressure Relief Devices	T15844 ENARDO PRVR LEAKING FROM BOTTOM OF VACUUM CANISTER - ACCESSIBLE FROM CAT WALK - MOV 0823
[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
										Thief Hatch	T15849*- Thief hatch lid venting (Viton)-Mov_6559
											T15851*-Thief hatch lid venting (Viton)-Mov_6557
											T15846-Thief hatch lid venting (Viton)-Mov_6555
											T15850*- Thief hatch lid venting (Viton) Mov_5669
											T15845-Thief hatch lid venting (Viton)-Mov_6554

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - BB-Sivertson SE / Federal B Pad/Lars Rothie	1/3/2018 10:30	1/3/2018 12:45	19	W/4	(b) (6)	OGI Inspection	1/3/2018	Confirmed and Closed	1/23/2018	Pressure Relief Devices	T16106* - Enardo PVRV is venting from the end of the pipe- Mov_4416
											T16104*-Enardo PVRV is venting fro the end of the pipe-Mov_4413
									1/31/2018		T16098-Enardo PVRV is venting from the end of the pipe-Mov_4413
									1/23/2018	Thief Hatch	T16105* - Thief Hatch venting from the lid (Viton)- Mov_4415
											T16101-Thief Hatch venting from the lid (Viton)-Mov_4405
									1/31/2018		T16252- Thief Hatch venting fro the lid (Black gasket/Possible black Viton)-Mov_4423
											T16256- Thief Hatch venting from the lid (Black Gasket/Possible Black Viton)-Mov_4424
											T16253- Thief hatch venting from the lid (Viton)-Mov_4422
											T16104*-Thief Hatch venting from the lid (Viton) -Mov_4414
											T16257- Thief hatch venting from the lid (Black Gasket/Possible Black Viton)-Mov_4425
											T16261*- Thief Hatch venting from the lid (Black Gasket/Possible Black Viton)- Mov_4418
											T16250- Thief hatch venting from the lid (Viton)- Mov_4419
											T16106*- Thief Hatch venting from the lid (Viton)- Mov_4417
											T16255- Thief Hatch venting from the lid (Viton) Mov_4426
											T16251- Thief Hatch venting from the lid (Black gasket/possible black Viton Mov_4420
											T16103*- Thief hatch venting from the lid (Viton)-Mov_4412
OGI Inspection - BB-Sivertson SE / Federal B Pad/Lars Rothie	9/5/2017 7:23	9/5/2017 9:30	44	W/7		OGI Inspection	9/5/2017	Confirmed and Closed	10/3/2017	Pressure Relief Devices	T16108- Enardo PVRV venting from the end of the pipe-Mov_2788
											T16261-Enardo PVRV venting from the end of the pipe-Mov_2786
											T16253-Enardo PVRV venting from the end of the pipe-Mov_2785
											T16104- Enardo PVRV venting from the end of the pipe-Mov_2785
											T16098- Enardo PVRV venting from the end of the pipe- Mov_2784
											T16101- enardo PVRV venting from the end of the pipe- Mov_2787
										Thief Hatch	T16254- Thief Hatch venting from the lid-Mov_2792
											T16262- Thief Hatch venting from the lid-Mov_2787
											T16250- Thief Hatch venting from the lid-Mov_2790
											T16255-Thief Hatch venting from the lid-Mov_2791
OGI Inspection - BB-State-151-96-362SH-6-11, LW H-1	5/31/2018 9:40	5/31/2018 10:45	65	NE/10		OGI Inspection	5/31/2018	Confirmed and Closed	5/31/2018	Pressure Relief Devices	T16374-Enardo PVRV venting from the end of the pipe-Mov_5987
OGI Inspection - BL-A IVERSON-155-96-1312H4,5,6,7,LE-H1	11/30/2017 8:40	11/30/2017 9:45	26	W/8		OGI Inspection	12/11/2017	Confirmed and Closed	12/11/2017	Other	T16281*-Anode/Silver Cap on the back right side of the thief hatch is venting-Mov_4315
											T16282*-Anode/Silver Cap on the back right side of the thief hatch is venting-Mov_4316
									12/7/2017	Thief Hatch	T16279-Thief Hatch venting from the lid & gasket (Black gasket/possibly a Buna)-Mov_4313
OGI Inspection - BL-A IVERSON-155-96-1312H4,5,6,7,LE-H1	4/23/2018 11:00	4/23/2018 11:45	46	N 15		OGI Inspection	4/23/2018	Confirmed and Closed	4/23/2018	Thief Hatch	T16281* THIEF HATCH LID (BLACK VITON BASE) MOV_5271
										Thief Hatch	T16278 THIEF HATCH LID (BLACK VITON BASE) MOV_5270
									5/23/2018	Other	VRU BUILDING - OPEN ENDED BLEED LINE ABOVE NW CORNER VESSEL MOV_5272
OGI Inspection - BL-DAVIDSON-155-96 MW Pad	4/16/2018 11:00	4/16/2018 12:00	32	SE 20-25		OGI Inspection	4/16/2018	Confirmed and Closed	5/14/2018	Other	H-7 TREATER BUILDING - THREADS INTO BOTTOM OF PCV-1108 MOV_5160
											H-7 TREATER BUILDING - THREADS INTO EAST SIDE OF PIPE CONNECTION BETWEEN VALVE AND VERTICAL 90
									5/16/2018		OFF TOP OF GAS SCRUBBER MOV_5159
											T16032* SW ANODE LEAK FROM STEM OR ANODE (COULD NOT PINPOINT - MAY HAVE TO SNOOP)
									5/14/2018	Transmitter	MOV_5157
											T16031* SW ANODE LEAK (NOT CENTER STEM) MOV_5158
									4/16/2018	Pressure Relief Devices	T16033* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_5158
											T16029 IN-LINE ENARDO PRV LEAK FROM LID MOV_5155
										Thief Hatch	T16023 THIEF HATCH LID (TIN WRAPPED TANK) MOV_5154
OGI Inspection - BL-DAVIDSON-155-96 MW Pad	8/24/2017 11:34	8/24/2017 13:00	69	ESE/11		OGI Inspection	8/24/2017	Confirmed and Closed	9/18/2017	Thief Hatch	T16027- Thief Hatch is venting from the lid-Mov_2680
											T16034*- silver eye next to the anode/silver cap is venting- the eye sets to the left of the thief hatch-
										Other	Mov_2676
											T16031*- Anode/silver cap on top of the tank plug that sets to the left of the thief hatch is venting-Mov_2679
											T16032*- Anode/silver cap & silver eye to the left of the thief hatch is venting-Mov_2678
											T16034*- Anode/silver cap is venting- the eye sets to the right of the thief hatch- Mov_2677
OGI Inspection - BL-IVERSON C PAD	4/18/2018 13:15	4/18/2018 14:00	40	NW 5-10		OGI Inspection	4/18/2018	Confirmed and Closed	4/18/2018	Thief Hatch	T15857 THIEF HATCH LID (VITON BASE) MOV_5196
											T15855 THIEF HATCH LID (VITON BASE) MOV_5194
											T15858 THIEF HATCH LID (VITON BASE) MOV_5197
											T15861 THIEF HATCH LID (VITON BASE) MOV_5192
											T15866* THIEF HATCH LID (VITON BASE) MOV_5199
											T15865* THIEF HATCH LID (VITON BASE) MOV_5198
											T15862 THIEF HATCH LID (VITON BASE) MOV_5193
											T15864* THIEF HATCH LID (VITON BASE) MOV_5195
OGI Inspection - BL-ODEGAARD-156-95 MW Pad	4/13/2018 10:30	4/13/2018 11:25	24	NE 15-20		OGI Inspection	4/13/2018	Confirmed and Closed	4/27/2018	Other	H-6 TREATER BUILDING - TOP THREADS OF 4 WAY CONNECTOR ABOVE GAS SCRUBBER MOV_5144
											H-6 TREATER BUILDING - BOTTOM THREADS INTO PCV6108 MOV_5143
											H-7 TREATER BLDG - PIPE CONNECTION BETWEEN TOP OF GAS SCRUBBER AND 4 WAY CONNECTOR
											MOV_5142
									4/13/2018	Thief Hatch	T15872 THIEF HATCH LID (PAINTED BASE) MOV_5140
											T15869 THIEF HATCH LID (PAINTED BASE) MOV_5141
OGI Inspection - BL-ODEGAARD-156-95 MW Pad	8/23/2017 12:21	8/23/2017 13:50	77	SW/11		OGI Inspection	8/23/2017	Confirmed and Closed	9/13/2017	Thief Hatch	T15872- Thief Hatch venting from the lid-Mov_2671
											T15868- Thief Hatch venting from the lid & gasket (the gasket is painted so I'm unsure what brand of gasket
											is attached)- Mov_2668
											T15870- Thief Hatch venting from the lid- Mov_2669
											T15871- Thief Hatch venting from the lid- Mov_2670
										Other	T15875- annoid/silver cap on the tank plug that sets to the left of the Thief Hatch is venting-Mov_2667
											T15878- Screw in eye on top of the plug to the left/left of the thief hatch is venting-Mov_2666
OGI Inspection - BW-ERLER/JOHNSON-149-99 MW Pad (East)	3/22/2018 12:00	3/22/2018 13:15	37	ESE/14		OGI Inspection	3/22/2018	Confirmed and Closed	3/22/2018	Thief Hatch	T16019*-Thief hatch venting from the lid (Viton)-Mov_5098
											T16017-Thief hatch venting from the lid (Viton)-Mov_5097
											T16021* Thief hatch venting from the lid (Viton)-Mov_5095
											T16008*- Thief hatch venting from the lid (Viton)-Mov_5093
											T16012- Enardo PVRV is venting from the base, and the canister lids-A visible crack can be seen at the base- It
											looks like 2 of the 4 bolts on the base broke off-Mov_5096
									6/26/2018	Pressure Relief Devices	The PVRV is in an area where a 80' manlift my be necessary
OGI Inspection - BW-ERLER/JOHNSON-149-99 MW Pad (East)	8/3/2017 14:20	8/3/2017 16:05	74	N/8		OGI Inspection	8/3/2017	Confirmed and Closed	8/17/2017	Thief Hatch	T16018 - THIEF HATCH - MOV 0305
											T16019* - THIEF HATCH - MOV 0304
											T16011 - THIEF HATCH - MOV 0307
											T16017 - THIEF HATCH - MOV 0306
											T16022* - THIEF HATCH - MOV 0302
											T16020* - THIEF HATCH - MOV 0303
											T16012 - THIEF HATCH - MOV 0308

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - BW-HEDSTROM-149-100-1201H-4,5,1WH-3	3/27/2018 10:15	3/27/2018 10:45:36		SW/11	(b) (6) [redacted]	OGI Inspection	3/27/2018	Confirmed and Closed	4/6/2018	Connectors	T16269* - Anode leaking on top of flange on top of tank (MAN LIFT NEEDED) - Mov_1711
										Thief Hatch	T16263 - Thief hatch venting from lid (bolts under insulation) - Mov_1702
											T16270* - Thief hatch venting from lid (viton) - Mov_1711
											T16267 - Thief hatch venting from lid (viton) - Mov_1704
											T16269* - Thief hatch venting from lid (viton) - Mov_1712
											T16274* - Thief hatch venting from lid (viton) - Mov_1707
											T16273* - Thief hatch venting from lid (viton) - Mov_1708
											T16266 - Thief hatch venting from lid (viton) - Mov_1705
											T16271* - Thief hatch venting from lid (viton) - Mov_1710
											T16265 - Thief hatch venting from lid (viton) - Mov_1704
											T16272* - Thief hatch venting from lid (viton) - Mov_1709
OGI Inspection - BW-R Peterson/Kraetsch H4-5	10/10/2017 8:15	10/10/2017 10:20:33		SW/7		OGI Inspection	10/10/2017	Confirmed and Closed	10/23/2017	Thief Hatch	T15079-Thief Hatch venting from the lid (Viton)-Mov_3214
									10/18/2017		T15080-Thief Hatch venting from the lid (Viton)-Mov_3215
											T15075-Thief Hatch venting from the lid (Viton)-Mov_3209
											T15082-Thief Hatch venting from the lid (Viton)-Mov_3217
											T15081- Thief Hatch venting from the lid (Viton)-Mov_3216
											T15078-Thief Hatch venting from the lid (Viton)-Mov_3213
											T15070-Thief Hatch venting from the lid (Viton)-Mov_3212
										Pressure Relief Devices	T15074- Enardo PVRV venting from the vacuum side canister lid-Mov_3210
									10/23/2017		T15083- Enardo PVRV venting from the vacuum side canister lid-Mov_3218
									10/18/2017		T15070- Enardo PVRV venting from the end of the pipe-Mov_3211
									10/23/2017	Other	T15083- Radar gauge venting from the threads-Mov_3219
OGI Inspection - BW-R Peterson/Kraetsch H4-5	3/20/2018 11:50	3/20/2018 13:00:34		SW/5		OGI Inspection	3/20/2018	Confirmed and Closed	4/3/2018	Thief Hatch	T15071- Thief hatch venting from the lid (Viton)-Mov_5063
											T15076- Thief hatch venting from the lid (Viton)-Mov_5065
											T15070-Thief hatch venting from the lid (Viton)-Mov_5064
											T15073- Thief hatch venting from the lid (Viton)-Mov_5062
											T15078*- Thief hatch venting from the lid (Viton)-Mov_5066
										Transmitter	T15075-Radar Gauge/Transmitter to the left of the thief hatch is venting from the threads-5060
OGI Inspection - CA-Ferguson Smith/E Burdick Pad	5/18/2018 9:45	5/18/2018 9:45:43		NE 20-25		OGI Inspection	5/18/2018	Confirmed and Closed	6/11/2018	Transmitter	T16362* SW ANODE CENTER STEM MOV_5684
											T16361* SW ANODE CENTER STEM MOV_5685
OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1	4/30/2018 11:45	4/30/2018 12:30:45		NW 15-20		OGI Inspection	4/30/2018	Confirmed and Closed	4/30/2018	Thief Hatch	T15825 THIEF HATCH LID (WRAPPED TANK) MOV_5377
										Pressure Relief Devices	T15832 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_5376
											T15836* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_5375
OGI Inspection - CA-FERGUSON-SMITH-155-95-3031H2-4LW1	9/28/2017 11:35	9/28/2017 12:55:64		SW/8		OGI Inspection	9/28/2017	Confirmed and Closed	9/28/2017	Thief Hatch	T15823 THIEF HATCH - MOV 1190
											T15828* THIEF HATCH - MOV 1189
											T15833 THIEF HATCH - MOV 1188
OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7	4/30/2018 10:55	4/30/2018 11:40:45		NW 15-20		OGI Inspection	4/30/2018	Confirmed and Closed	4/30/2018	Other	H-7 TREATER BUILDING - STAINLESS CONNECTIONS INTO 2-PHASE SEPARATOR FLOAT JAW MOV_5373 (FIXED ON SITE)
OGI Inspection - CA-RUSSELL SMITH-155-96-2425H-1,2,3,4,5,6,7	9/28/2017 13:10	9/28/2017 16:10:68		NW/8		OGI Inspection	9/28/2017	Confirmed and Closed	10/2/2017	Thief Hatch	T16035 THIEF HATCH - BUNA - MOV 1198
											T16038 THIEF HATCH - BUNA - MOV 1201
											T16036 THIEF HATCH - BUNA - MOV 1199
											T16039 THIEF HATCH - BUNA - MOV 1202
											T16040 THIEF HATCH - BUNA - MOV 1203
											T16042 THIEF HATCH - BUNA - MOV 1197
											T16037 THIEF HATCH - BUNA - MOV 1200
OGI Inspection - CA-STANGELAND-155-95-2128H-1,2,8,9,10	4/24/2018 8:10	4/24/2018 9:20:37		NW 5		OGI Inspection	4/24/2018	Confirmed and Closed	5/8/2018	Valves	VRU BUILDING - LEAK FROM EAST SIDE OF FCV140 MOV_5289
									4/24/2018	Thief Hatch	TK5002 THIEF HATCH LID (VITON BASE) MOV_5286
											TK5005 THIEF HATCH LID (VITON BASE) MOV_5287
											TK5202* THIEF HATCH LID (VITON BASE) MOV_5282
										Pressure Relief Devices	TK5001 ENARDO PVRV ALLOWING CONTINUOUS GAS VIA VENT PIPE (ACCESSIBLE) MOV_5285
									5/8/2018	Liq EQ Line	TK5005 (WRAPPED) LIQ EQ LINE THREADS INTO NW SIDE OF TANK MOV_5288
											TK5001 LIQ EQ LINE THREADS INTO SE SIDE OF TANK MOV_5284
OGI Inspection - CA-STANGELAND-155-95-2128H-1,2,8,9,10	10/5/2017 7:35	10/5/2017 9:00:31		WNW/3		OGI Inspection	10/5/2017	Confirmed and Closed	10/25/2017	Other	T9716- Radar gauge threads are venting-Mov_3157
											T9720- Radar gauge threads are venting-Mov_3156
									10/30/2017	Thief Hatch	TK5005- Thief Hatch venting from the lid & possibly the gasket (tin wrapped around the gasket)-Mov_3154
											TK5004-Thief Hatch venting from the log & possibly the gasket (tin is covering the bolts & gasket)-Mov_3153
											T9720- EQ line threads is venting, the threads are running into the tank. The leak is between tanks T9720 &
									10/25/2017	Liq EQ Line	TK5005,closer to T9720-Mov_3155

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2	2/6/2018 10:35	2/6/2018 14:00 2		SW 5-10	(b) (6) [redacted]	OGI Inspection	2/6/2018	Confirmed and Closed	2/6/2018	Thief Hatch	T15553 THIEF HATCH LID AND BOLTS AROUND 4-5:00 (VITON BASE) MOV_4323 T15560* THIEF HATCH LID (VITON BASE) MOV_4316 T15562* THIEF HATCH LID (VITON BASE) MOV_4318 T15555 THIEF HATCH BOLTS (VITON BASE) MOV_4323 T15546 THIEF HATCH LID (VITON BASE) MOV_4320 T15558* THIEF HATCH LID (VITON BASE) MOV_4314 T15551 THIEF HATCH LID (VITON BASE) MOV_4319 T15561* THIEF HATCH LID (VITON BASE) MOV_4317 T15548 THIEF HATCH LID (VITON BASE) MOV_4322 T15557* THIEF HATCH LID (VITON BASE) MOV_4312
									2/28/2018	Other	H-8 TREATER BLDG - BOTTOM THREADS OF FIRST PIPE CONNECTION ABOVE V-8170 MOV_4327 H-7 TREATER BLDG - LEAK FROM BOTTOM OF FIRST PIPE CONNECTION ABOVE V-7170 MOV_4325 H-9 TREATER BLDG - LEAK FROM PIPE THREADS INTO TOP OF VALVE BELOW 100 PSI GAUGE BY V-9170 MOV_4331 LE H-2 TREATER BLDG - PIPE THREADS INTO BOTTOM OF FUEL GAS 'T' ABOVE GAS SCRUBBER MOV_4337 T15557* LEAK FROM NW ANODE ON TANK TOP (FROM ANODE, NOT CENTER HOOK) MOV_4311 H-9 TREATER BLDG - LEAK FROM PIPE THREADS INTO TOP OF V-9170 MOV_4330 H-6 TREATER BLDG - LEAK FROM THREADS INTO BOTTOM OF PCV6108 ABOVE GAS SCRUBBER MOV_4335 H-9 TREATER BLDG - LEAK FROM THREADS OF PLUG ON MIDDLE VALVE ON SALES GAS LINE DOWNSTREAM OF TOTALFLOW METER MOV_4334 H-7 TREATER BLDG - LEAK FROM BOTTOM THREADS OF 4 WAY CONNECTION ABOVE V-7170 MOV_4326 T15558* LEAK FROM NW ANODE (ANODE ITSELF, NOT CENTER HOOK) MOV_4315 H-9 TREATER BLDG - LEAK FROM PIPE THREADS INTO TOP OF 4 WAY CONNECTOR ABOVE V-9170 MOV_4332 H-9 TREATER BLDG - LEAK FROM PIPE THREADS INTO TOP OF IN-LINE VALVE ABOVE V-9170 MOV_4333 H-8 TREATER BLDG - THREADS INTO SOUTH SIDE OF FUEL GAS 'T' ABOVE V-8170 MOV_4328 H-7 TREATER BLDG - LEAK FROM BOTTOM THREADS INTO PCV7108 ABOVE V-7170 MOV_4324 H-6 TREATER BLDG - PIPE THREADS INTO NORTH SIDE OF FUEL GAS 'T' ABOVE GAS SCRUBBER MOV_4336 H-8 TREATER BLDG - TOP THREADS OF PIPE CONNECTION DIRECTLY BELOW PCV8108 MOV_4325
OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2	8/9/2017 23:25	8/9/2017 14:15 18		N/B	[redacted]	OGI Inspection	8/9/2017	Confirmed and Closed	8/9/2017	Thief Hatch	T15551 - THIEF HATCH - MOV 0400 T15559 - THIEF HATCH - MOV 0402 T15554 - THIEF HATCH - MOV 0398 T15553 - THIEF HATCH - MOV 0399
										Pressure Relief Devices	T15549 - ENARDO PVRV - MOV 0397 T15558 - ENARDO PVRV - MOV 0401
									8/14/2017	Other	H10 TREATER UNION - MOV 0403 LE H1 TREATER - GREEN VALVE - MOV 0404
OGI Inspection - EN-CVANCARA-155-93-1522H-5,6,7,8,9,10,LEH-1,2	7/18/2018 10:40	7/18/2018 11:35 78		SE 5-10	[redacted]	OGI Inspection	7/18/2018	Confirmed and Closed	7/26/2018	Pressure Relief Devices	T15552 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6404 T15555 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6403
										Thief Hatch	T15559* THIEF HATCH LID (VITON BASE) MOV_6408 T15560* THIEF HATCH LID (VITON BASE) MOV_6409 T15561* THIEF HATCH LID (VITON BASE) MOV_6410 T15562 THIEF HATCH LID (VITON BASE) MOV_6411
OGI Inspection - EN-Dobrovolny A South Pad	7/2/2018 12:05	7/2/2018 13:25 72		W 5-10	[redacted]	OGI Inspection	7/2/2018	Confirmed and Closed	7/20/2018	Pressure Relief Devices	T15297 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6204 T15295 ENARDO PVRV LEAK FROM VACUUM CANISTER LID MOV_6202
									7/3/2018		T15297 ENARDO PRESSURE CANISTER LEAK FROM BOTTOM GASKET TO VACUUM ASSEMBLY (MANLIFT MAY BE REQUIRED) MOV_6203
									7/20/2018	Thief Hatch	T15298 THIEF HATCH LID (VITON BASE) MOV_6205 T15301 THIEF HATCH LID (VITON BASE) MOV_6199 T15302 THIEF HATCH LID (VITON BASE) MOV_6199 T15303 THIEF HATCH LID (VITON BASE) MOV_6200 T15300* THIEF HATCH LID (VITON BASE) MOV_6198 T15294 THIEF HATCH LID (VITON BASE) MOV_6201
										Transmitter	T15301* SE ANODE LEAK FROM CENTER STEM (MANLIFT REQ'D) MOV_6197
									7/3/2018	LP Flare	WEST LP FLARE NOT LIT, CLICKING, EMITTING MOV_6206 (NOT SENT TO SAP)
OGI Inspection - EN-DOBROVOLNY A South Pad	2/7/2018 12:30	2/7/2018 14:15 2		SW 0-5	[redacted]	OGI Inspection	2/7/2018	Confirmed and Closed	2/13/2018	Other	H-7 TREATER BLDG - PIPE INTO CLOSED VALVE ON SOUTH SIDE OF "T" ABOVE GAS SCRUBBER MOV_4362 H-7 TREATER BLDG - LEAK FROM TOP THREADS OF 90 PIPE FITTING SOUTH OF GAS SCRUBBER MOV_4361 H-7 TREATER BLDG - PIPE BETWEEN VALVE AND CONNECTOR SOUTH OF GAS SCRUBBER. LEAK FROM THREADS ON BOTH SIDES MOV_4360 H-5 TREATER BLDG - THREADS INTO BOTTOM OF PIPE CONNECTION DIRECTLY ABOVE GAS SCRUBBER MOV_4364 H-4 TREATER BLDG - TOP THREADS OF FIRST PIPE CONNECTOR ABOVE GAS SCRUBBER MOV_4365 H-7 TREATER BLDG - TOP THREADS OF IN-LINE VALVE ABOVE GAS SCRUBBER MOV_4363 H-4 TREATER BLDG - THREADS IN TO NORTH SIDE OF VALVE OFF TOP/SIDE OF GAS SCRUBBER MOV_4366 H-7 TREATER BLDG - BOTTOM THREADS INTO PIPE CONNECTION ABOVE "T" ABOVE SCRUBBER POT
							2/13/2018	Confirmed and Closed	2/21/2018	Other	MOV_4392 H-4 TREATER BLDG - THREADS INTO SOUTH SIDE OF PIPE CONNECTOR TO SOUTH FROM TOP OF SCRUBBER POT MOV_4401 H-4 TREATER BLDG - BOTTOM THREADS IN TO 4 WAY CONNECTOR ABOVE SCRUBBER POT MOV_4398 H-4 TREATER BLDG - PIPE THREADS INTO TOP OF SCRUBBER POT MOV_4397 H-4 TREATER BLDG - LEAK FROM PIPE CONNECTOR BETWEEN TOP OF SCRUBBER POT AND 4 WAY
							2/21/2018	Confirmed and Closed	2/21/2018	Other	CONNECTOR MOV_4476 H-7 TREATER BLDG - THREADS INTO BOTTOM OF GREY FISHER DEVICE ABOVE SCRUBBER POT MOV_4477

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-DOBROVOLNY A South Pad	8/16/2017 10:51	8/16/2017 12:11	67 F	NW 0-5	(b) (6) [redacted]	OGI Inspection	8/16/2017	Confirmed and Closed	8/21/2017	Pressure Relief Devices	T15297 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE FROM WALKWAY) MOV_3193
										Thief Hatch	T15297 THIEF HATCH LID MOV_3195
											T15294 THIEF HATCH LID MOV_3188
											T15290 THIEF HATCH LID MOV_3189
											T15289 THIEF HATCH LID MOV_3187
											T15295 THIEF HATCH LID MOV_3191
											T15292 THIEF HATCH LID MOV_3194
											T15291 THIEF HATCH LID MOV_3192
											T15293 THIEF HATCH LID MOV_3196
OGI Inspection - EN-FARHART-156-93-04094-1,2,3	3/16/2018 10:05	3/16/2018 10:45	15	SE 10		OGI Inspection	3/16/2018	Confirmed and Closed	3/19/2018	Pressure Relief Devices	T15404* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4813
OGI Inspection - EN-FARHART-156-93-04094-1,2,3	8/16/2017 15:05	8/16/2017 16:35	76	S/8		OGI Inspection	8/16/2017	Confirmed and Closed	8/16/2017	Thief Hatch	T15396 - THIEF HATCH - MOV 0545
											T15403 THIEF HATCH - MOV 0541
									8/17/2017		T15400 THIEF HATCH - MOV 0542
									8/16/2017		T15397 THIEF HATCH - MOV 0544
											T15404 - ENARDO PVRV - PRESSURE SIDE BASE GASKET WORN OUT - NEED TO LIFT VENT PIPE TO REPLACE
									9/14/2017	Pressure Relief Devices	WMF WAS ADVISED TO LET KSI DO REPAIR - MOV 0540
									8/16/2017		T15398 ENARDO PVRV VENTING - ACCESSIBLE FROM CAT WALK - MOV 0543
OGI Inspection - EN-FRIDA/LEO	3/1/2018 10:50	3/1/2018 15:20	18	S 0-5		OGI Inspection	3/1/2018	Confirmed and Closed	3/15/2018	Thief Hatch	T10433 THIEF HATCH LID (VITON) MOV_4641
											T15171* THIEF HATCH LID (VITON) MOV_4628
											T15169* THIEF HATCH LID (VITON) MOV_4625
											T11068 THIEF HATCH LID (VITON) MOV_4640
											T15172* THIEF HATCH LID (VITON) MOV_4629
											T15163 THIEF HATCH LID (VITON) MOV_4619
											T10438 THIEF HATCH LID (VITON) MOV_4656
											T10452 THIEF HATCH LID (VITON) MOV_4655
											T10522* THIEF HATCH LID (BUNA BASE GASKET) MOV_4646
											T10431 THIEF HATCH LID (VITON) MOV_4652
											T10446 THIEF HATCH LID (VITON) MOV_4650
											T10748* THIEF HATCH LID (BUNA BASE GASKET) MOV_4637
											T10437 THIEF HATCH LID (BUNA BASE GASKET) MOV_4654
											T15170* THIEF HATCH LID (VITON) MOV_4627
											T16091 THIEF HATCH LID (VITON) MOV_4631
											T10435 THIEF HATCH LID (VITON) MOV_4639
											T15165 THIEF HATCH LID AND BOLTS (VITON BASE GASKET) MOV_4620
											T15168* THIEF HATCH LID (VITON) MOV_4624
											T10735* THIEF HATCH LID (VITON) MOV_4643
											T15158 THIEF HATCH LID (VITON) MOV_4621
											T10744* THIEF HATCH LID (VITON) MOV_4647
											T15173 THIEF HATCH LID (VITON) MOV_4630
											T11075 THIEF HATCH LID (VITON BASE) MOV_4632
											T10453 THIEF HATCH LID (VITON) MOV_4653
											T15160 THIEF HATCH LID (VITON) MOV_4617
									3/14/2018	LP Vapor Line	VAPOR LINE "T" ABOVE T10444 - LEAK FROM SOUTH SIDE OF "T" MOV_4651
									3/15/2018		LP TANK HEADER INTO TOP OF T10735* BETWEEN COLLAR AND TANK SURFACE MOV_4642
											DOWNCOMER "T" INTO MAIN LP VAPOR LINE SOUTH OF T10742* - LEAK FROM EAST SIDE OF T MOV_4634
											T10742* TANK VAPOR LINE INTO TANK. LEAK BETWEEN COLLAR AND TANK SURFACE MOV_4631
									3/14/2018	Liq EQ Line	LIQ EQ LINE THREADS INTO NW SIDE OF T10522* MOV_4649
											LIQ EQ LINE INTO NE SIDE OF T10737* LEAK FROM EQ LINE INTO SOUTH SIDE OF BUTTERFLY VALVE
									3/15/2018		MOV_4644
											LIQ EQ LINE THREADS INTO NE SIDE OF T10744* MOV_4645
											EQ LINE INTO SW SIDE OF T10748* - LEAK FROM LINE INTO NORTH SIDE OF BUTTERFLY VALVE (MAY NEED TO
											SNOOP TO DETERMINE SOURCE - EXCESSIVE GAS LEAKING) MOV_4636
										Pressure Relief Devices	T11067* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4635
											T15166 ENARDO VACUUM CANISTER LEAK FROM LID (ACCESSIBLE) MOV_4623
											T15166 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4622
											T11069 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4638
									3/14/2018	Other	T15169* ABI5205A LEAK FROM ANODE (NOT CENTER STEM) MOV_4626
									3/15/2018		T10522* RADAR GAUGE THREADS MOV_4648
											VRU BLDG - STAINLESS STEEL INTO BLACK FLANGE ABOVE MOTOR MOV_4658
											FRIDA H-2 TREATER BLDG - PLUG THREADS UNDER 200 PSI GAUGE OFF TOP OF V-5500 MOV_4657
OGI Inspection - EN-FRIDA/LEO	8/31/2017 8:35	8/31/2017 15:00	68	NW/12		OGI Inspection	8/31/2017	Confirmed and Closed	9/14/2017	Thief Hatch	T15161 THIEF HATCH - MOV 0734
											T15162 THIEF HATCH LID MOV_3542
											T15172 THIEF HATCH - MOV 0737
											T10444 THIEF HATCH - MOV 0732
											T15159 THIEF HATCH - MOV 0735
											T11069 THIEF HATCH - MOV 0733
											T15163 THIEF HATCH - MOV -0736
										LP Vapor Line	T10744 LP VAPOR HEADER CROSS - NORTH SIDE BOTTOM OF PREVIOUS REPAIR - MOV 0731

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN FREDA/LEO	7/18/2018 10:15	7/18/2018 13:30 74		NE/12	(b) (6)	OGI Inspection	8/20/2018	Confirmed and Closed	8/20/2018	Pressure Relief Devices	T15172* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6969
											T15160 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6958
											T15169* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6960
											T10748* EQ line is venting from the threads running into the tank. The leak is between tanks T10748* &
										Liq EQ Line	T10441, closer to T10748*-Mov_6626
										Thief Hatch	T15168*-Thief hatch lid venting (Viton)-Mov_6643
											T15169*-Thief hatch lid venting (Viton)-Mov_6642
											T15157-Thief hatch lid venting (Viton)-Mov_6651
											T10438-Thief hatch lid venting (Viton)-Mov_6623
											T15161-Thief hatch lid venting (Viton)-Mov_6654
											T10452-Thief hatch lid venting (Viton)-Mov_6611
											T11066*-Thief hatch lid venting (Viton)-Mov_6629
											T10453-Thief hatch lid venting (Viton)-Mov_6617
											T11074-Thief hatch lid venting (Viton)-Mov_6632
											T15170*-Thief hatch lid venting (Viton)-Mov_6641
											T15158-Thief hatch lid venting (Viton)-Mov_6652
											T10742*-Thief hatch lid venting (Buna)-Mov_6627
											T15162-Thief hatch lid venting (Viton0-Mov_6644
											T10436-Thief hatch lid venting (Viton)-Mov_6621
											T15167-Thief hatch lid venting (Tin Covered)-Mov_6645
											T10441-Thief hatch lid venting (Viton)-Mov_6625
											T10737*-Thief hatch lid venting (Viton)-Mov_6615
											T10744*-Thief hatch lid venting (Viton)-Mov_6620
											T15164-Thief hatch lid venting (Viton) Mov_6646
											T11070*-Thief hatch lid venting (Viton)-Mov_6634
											T10433-Thief hatch lid venting (Viton)-Mov_6624
											T15166-Thief hatch lid venting (Viton)-Mov_6648
											T15165-Thief hatch lid & bolts venting (Viton)-Mov_6647
											T15172-Thief hatch lid venting (Viton)-Mov_6639
											T15171*-Thief hatch lid venting (Viton) Mov_6640
											T11065-Thief hatch lid venting (Viton)-Mov_6631
											T15156-Thief hatch lid venting (Tin Covered)-Mov_6650
											T11071*-Thief hatch lid venting (Buna)-Mov_6633
											T15160-Thief hatch lid venting (Viton)-Mov_6653
											T11067*-Thief hatch lid venting (Viton)-Mov_6630
											T16163-Thief hatch lid venting (Viton)-Mov_6649
											T10437-Thief hatch lid & bolts venting (Viton)-Mov_6622
										Tank Plug	T10742*-Tank plug on the right side of the tank is venting from the threads-Mov_6628
											T10737*-Tank plug on the left side of the tank is venting from the threads running into the tank-Mov_6618
										Other	T16096*-Anode & eye screw to the left of the Thief Hatch is venting-Mov_6637
											T16095*-Anode to the left of the Thief Hatch is venting-Mov_6635
											T16095* Anode to the right of the Thief Hatch is venting-Mov_6638
											T16095*-Anode to the right of the Thief Hatch is venting-Mov_6636
OGI Inspection - EN Johnson S6-101 Bakken Facility	3/13/2018 9:50	3/13/2018 12:00 23		SS-10		OGI Inspection	3/13/2018	Confirmed and Closed	3/28/2018	Transmitter	T16145* ANODE-5201-8 LEAK FROM CENTER STEM (MANLIFT REQ'D) MOV_4700
											T16146* LEAK FROM NW ANODE (POSSIBLY CENTER STEM - MANLIFT REQ'D) MOV_4702
											T16145* NW ANODE/CENTER STEM (MANLIFT REQ'D) MOV_4704
									3/15/2018	Thief Hatch	TK-5001 THIEF HATCH LID (TIN COVERED TANK) MOV_4700
											TK-5002 THIEF HATCH LID (TIN COVERED TANK) MOV_4695
										Pressure Relief Devices	T8648 ENARDO PVRV LEAK FROM VACUUM CANISTER LID (ACCESSIBLE) MOV_4697
											T8638 ENARDO PVRV LEAK FROM VACUUM LID (ACCESSIBLE) MOV_4698
									3/14/2018	Valves	VRU BLDG - VALVE BELOW WHITE LIQUID REJECTION PROBE MOV_4705 (MOVE NUMBER WRONG ON SKETCH PICTURE)
									3/14/2018	Other	MAIN TREATER BLDG - GAS 90 ELBOW NW OF V-2200 LEAK FROM TOP MOV_4702
											T16147* LEAK FROM NW ANODE (POSSIBLY CENTER STEM - MANLIFT REQUIRED) MOV_4701
											SOUTH WRAPPED OIL TANK - MANWAY COVER DRIPPING FROM BOTTOM LEFT SIDE, GAS EMISSIONS FROM
OGI Inspection - EN Johnson S6-101 Bakken Facility	8/30/2017 13:35	8/30/2017 15:10 78		SW/15+		OGI Inspection	9/26/2017	Confirmed and Closed	10/4/2017	Other	TOP RIGHT MOV_3630
							8/30/2017		9/26/2017		T16146* SOUTH ANODE CABLE CONNECTOR - MOV 0712
											T8597 RADAR GAUGE CLAMP - MOV 0716
									10/4/2017		9/26 RESURVEY - LEAKING FROM THREADS
							9/26/2017			Thief Hatch	T8597 THIEF HATCH LID (PAINTED BASE (GASKET) MOV_3639
OGI Inspection - EN-Johnson S6-101 Bakken Facility	7/20/2018 7:00	7/20/2018 8:39 32		N/8		OGI Inspection	7/20/2018	Confirmed and Closed	7/31/2018	Thief Hatch	TK5006-Thief hatch lid venting (Viton)-Mov_6677
										Thief Hatch	TK5003-Thief hatch lid venting (Viton)-Mov_6674
										Thief Hatch	TK5203* Thief hatch lid venting (Buna) Mov_6682
										Thief Hatch	TK5201*-Thief hatch lid venting (Buna) Mov_6671
										Thief Hatch	TK5004-Thief hatch lid venting (Viton)-Mov_6675
										Thief Hatch	TK5202* Thief hatch lid venting (Buna) Mov_6680
										Thief Hatch	TK5005-Thief hatch lid venting (Viton)-Mov_6676
										Thief Hatch	TK5002-Thief hatch lid venting (Tin Covered)-Mov_6684
										Pressure Relief Devices	TK5203* Enardo PVRV is venting from the front of the pipe Mov_6681
										Pressure Relief Devices	[illegible]
							7/31/2018			Pressure Relief Devices	TK5003 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6673
OGI Inspection - EN-KMI URAN-LW H-2/TAH-5,6,7,8,9,10,11,LWH-1,2,FSV,LWH-3	2/8/2018 16:30	2/8/2018 17:10 1		F 0.5		OGI Inspection	2/8/2018	Confirmed and Closed	2/8/2018	Pressure Relief Devices	T11338* ENARDO PVRV ALLOWING SLIGHT CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4364
											T11341 ENARDO PVRV ALLOWING SLIGHT CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4363
									2/15/2018	Other	LW H-2 TREATER BLDG - LEAK FROM PIPE CONNECTION NORTH OF PCV2153 MOV_4371
											LW H-2 TREATER BLDG - THREADS INTO TOP OF PIPE CONNECTOR DIRECTLY BELOW PCV2108 MOV_4371
										LP Vapor Line	T11321* TANK HEADER THREADS INTO TOP OF TANK MOV_4370
									2/8/2018	Thief Hatch	T11322 THIEF HATCH LID (VITON BASE) MOV_4369

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-KMJ URAN-154-93-2734H-5,6,7,8,9,10,11,LWH-1,2733 LWH -	9/13/2017 14:40	9/13/2017 17:25	74	SW/12	(b) (6) [redacted]	OGI Inspection	9/13/2017	Confirmed and Closed	9/20/2017	Thief Hatch	H8 SW TANK FURTHEST NORTH - NO LABEL - THIEF HATCH - MOV 0985
											T11323 THIEF HATCH - MOV 1004
											T11337 THIEF HATCH - MOV 0989
											T11335 THIEF HATCH - MOV 0993
											T11362 THIEF HATCH - MOV 0981
											T11328 THIEF HATCH - MOV 0995
											T11336 THIEF HATCH BOLTS - 0990
											T11364 THIEF HATCH - MOV 0983
											H7 SW TANK 2ND FURTHEST NORTH - NO LABEL - THIEF HATCH 0980
											T11324 THIEF HATCH - MOV 1003
											T11363 THIEF HATCH - MOV 0982
											LW H1 TREATER BLDG - NIPPLE INTO NUT BELOW FURTHEST NORTH GAUGE OFF GAS SALES LINE IN FRONT
							9/15/2017		10/2/2017	Other	OF TREATER - MOV 1018
							9/13/2017				H6 SW TANK - FURTHEST NORTH - NO LABEL - RADAR GAUGE THREADS - MOV 1000
											T11341 RADAR GAUGE THREADS - MOV 0992
											T11340 RADAR GAUGE THREADS - MOV 0994
											H5 SW TANK - 2ND FURTHEST NORTH - NO LABEL - RADAR GAUGE THREADS - MOV 1000
											T11331 RADAR GAUGE THREADS - MOV 0998
											T11361 RADAR GAUGE THREADS - MOV 0978
											T11362 RADAR GAUGE THREADS - MOB 0980
											H11 TREATER BLDG - FIRST UNION OFF OF GAS LINE IN FRONT OF TREATER - MOV 1015
											T11330 RADAR GAUGE THREADS - MOV 0997
											H8 SW TANK FURTHEST NORTH - NO LABEL - RADAR GAUGE THREADS - MOV 0986
											T11334 RADAR GAUGE THREADS - MOV 0995
											H6 SW TANK - 2ND FURTHEST NORTH - NO LABEL - RADAR GAUGE THREADS - MOV 0991
									9/20/2017	Pressure Relief Devices	T11362 ENARDO PVRV VENTING - ACCESSIBLE - MOV 0975
											H9 SW TANK 2 TANK FROM NORTH - NO LABEL - ENARDO PVRV VACUUM TOP PLATE - ACCESSIBLE - 0984
											H7 SW TANK FURTHEST NORTH - NO LABEL - LP VAPOR ENARDO INLINE PVRV - ACCESSIBLE - LEAKING FROM
									10/2/2017		BOTTOM OF CANISTER - MOV 0987
									9/20/2017		T11329 ENARDO PVRV VENTING - ACCESSIBLE - MOV 0996
									10/2/2017	LP Vapor Line	H6 SW TANK - FURTHEST NORTH - NO LABEL - LP VAPOR NIPPLE INTO TANK - MOV 1000
OGI Inspection - EN-KMJ URAN-154-93-2734H-5,6,7,8,9,10,11,LWH-1,2733 LWH -	7/12/2018 10:55	7/12/2018 12:45	73	W 10		OGI Inspection	7/12/2018	Confirmed and Closed	8/13/2018	Inline Pressure Relief Device	T11339* IN LINE ENARDO BOTTOM GASKET LEAK (ACCESSIBLE) MOV_6300
									7/30/2018	Thief Hatch	T11338* THIEF HATCH LID (VITON BASE) MOV_6299
											T11340 THIEF HATCH LID (VITON BASE) MOV_6296
											T11361 THIEF HATCH LID (VITON BASE) MOV_6304
											T11333* THIEF HATCH LID (VITON BASE) MOV_6294
											T11332* THIEF HATCH LID (VITON BASE) MOV_6291
											T11329 THIEF HATCH LID (VITON BASE) MOV_6289
											T11328 THIEF HATCH LID (VITON BASE) MOV_6288
											T11330 THIEF HATCH LID (VITON BASE) MOV_6290
											T11365* THIEF HATCH LID (VITON BASE) MOV_6306
									8/6/2018	Transmitter	T11338* NW ANODE CENTER STEM MOV_6301
											T11332* NW ANODE CENTER STEM (MANLIFT NEEDED) MOV_6291
											T11365* NW ANODE CENTER STEM MOV_6305
											T11333* SE ANODE CENTER STEM MOV_6295
											LEAK FROM UNDERNEATH INSULATION ON VRU DISCHARGE LINE NW OF VRU (DISCOLORATION ON
									7/12/2018	Other	INSULATION) MOV_6307
OGI Inspection - EN-L CVANCARA-155-93-2627H-2,3,4,6,7,8,9,10	2/20/2018 11:35	2/20/2018 14:45	1	W 15-20		OGI Inspection	2/20/2018	Confirmed and Closed	2/22/2018	Pressure Relief Devices	T11357* IN-LINE ENARDO PRV LID LEAK (ACCESSIBLE) MOV_4466
											H-6 TREATER BLDG - LEAK FROM FLARE GAS LINE 200 PSI GAUGE THREADS DOWNSTREAM OF PCV6107
										Other	MOV_4469
										Thief Hatch	T15057 THIEF HATCH LID (BUNA BASE GASKET) MOV_4468
											T15053 THIEF HATCH FRONT BOLT (VITON BASE GASKET) MOV_4467
OGI Inspection - EN-L CVANCARA-155-93-2627H-2,3,4,6,7,8,9,10	9/12/2017 11:10	9/12/2017 14:40	89	SE/12+		OGI Inspection	9/12/2017	Confirmed and Closed	9/18/2017	Pressure Relief Devices	T15055 ENARDO PVRV TOP OF VACUUM CANISTER LEAKING - ACCESSIBLE FROM CAT WALK - MOV 0937
										Thief Hatch	T11358* THIEF HATCH BOLTS (BUNA GASKET) - MOV 0930
											T15053 THIEF HATCH, BOLTS AND GASKET (BUNA GASKET) - MOV 0934
											T15052 THIEF HATCH (BUNA GASKET) - MOV 0933
											T11378* THIEF HATCH AND BOLTS (BUNA GASKET) - MOV 0929
											T11379* THIEF HATCH FRONT BOLTS - MOV 0928
											T15054 THIEF HATCH (BUNA GASKET) - MOV 0935
											T15056 THIEF HATCH AND BOLTS (BUNA GASKET) - MOV 0938
											T11362* THIEF HATCH (BUNA GASKET) - MOV 0931
											T15059 THIEF HATCH BOLTS (BUNA GASKET) - MOV 0936
											T11357* THIEF HATCH (BUNA GASKET) - MOV 0932
OGI Inspection - EN-L CVANCARA-155-93-2627H-2,3,4,6,7,8,9,10	7/16/2018 13:10	7/16/2018 14:10	73	NE 5-10		OGI Inspection	7/16/2018	Confirmed and Closed	7/31/2018	Pressure Relief Devices	T15052 ENARDO PVRV PRESSURE CANISTER BOTTOM GASKET MOV_6374
									7/24/2018		T15061 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6373
											T15055 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6366
											T15055 ENARDO PVRV LEAK FROM VACUUM CANISTER LID (ACCESSIBLE - NOT SENT TO SAP) MOV_6370
									7/18/2018	Thief Hatch	T15053 THIEF HATCH LID/BASE BOLTS (VITON BASE) MOV_6375
											T15054 THIEF HATCH BOLTS (VITON BASE) MOV_6371
OGI Inspection - EN-LEO E-154-94-2423H-4,5,6,7,8,9,10,11	8/21/2017 11:36		70 F	NW 20-25		OGI Inspection	8/21/2017	Confirmed and Closed	8/21/2017	Thief Hatch	T15741 THIEF HATCH LID MOV_3300
											T15742 THIEF HATCH LID MOV_3299
OGI Inspection - EN-Leo E-154-94-2423H-4-12	7/2/2018 10:20	7/2/2018 11:35	69F	W 5-10		OGI Inspection	7/2/2018	Confirmed and Closed	7/10/2018	Thief Hatch	T15747* THIEF HATCH LID (VITON BASE) MOV_6188
											T15746 THIEF HATCH LID (VITON BASE) MOV_6194
											T15740 THIEF HATCH LID (VITON BASE) MOV_6192
										Pressure Relief Devices	T15739 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6190
											T15745 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6193
											T15736 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6185
											H-7 TREATER BUILDING - EAST THREADS OF PIPE CONNECTION WEST OF 4-WAY CONNECTOR ABOVE GAS
									7/3/2018	Other	SCRUBBER MOV_6195

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-Leo E-154-94-2423H-4-17	2/2/2018 8:50	2/2/2018 11:45:0		CALM	(b) (6) [redacted]	OGI Inspection	2/2/2018	Confirmed and Closed	2/5/2018	Thief Hatch	T15750* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4263
											T15745 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4273
											T15738 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4271
											T15747* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4260
											T15748* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4261
											T15743 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4269
											T15749* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4262
											T15739 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4272
											T15737 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4268
											T15751* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4264
											T15744 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4270
											T15736 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4267
											T15752* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4265
										Pressure Relief Devices	T15742 BOTTOM ENARDO CANISTER LID (ACCESSIBLE) MOV_4266
									2/28/2018	Other	H-10 TREATER BLDG - CONNECTIONS TO TOP AND BOTTOM OF PCV10108 MOV_4281
											H-8 TREATER BLDG - FUEL GAS CONNECTION DIRECTLY ABOVE PCV8108 TAG MOV_4275
											WEST VRU - CONTROLLER WEST OF INLET SUCTION SCRUBBER MOV_4276
											H-8 TREATER BLDG - PIPE CONNECTION NORTH OF PI8153 (200 PSI GAUGE) MOV_4279
											H-9 TREATER BLDG - LEAK BETWEEN 90 BELOW PT9150 AND NUT ABOVE ELBOW MOV_4280
											H-12 TREATER BLDG - BOTTOM OF FUEL GAS CONNECTION DIRECTLY ABOVE SCRUBBER PCV MOV_4282
											H-6 TREATER BLDG - FUEL GAS 90 ABOVE GAS SCRUBBER MOV_4277
OGI Inspection - EN-MADISYN LE CENTRAL FACILITY	3/14/2018 8:30	3/14/2018 11:00:11		CALM		OGI Inspection	3/14/2018	Confirmed and Closed	3/28/2018	Pressure Relief Devices	T16307 GASKET BETWEEN ENARDO VACUUM AND PRESSURE CANISTERS CRUSHED. MANUFT REQ'D MOV_4720
									3/21/2018	Transmitter	T16319* ANODE BLEAK FROM CENTER STEM (MANUFT REQ'D) MOV_4731
									3/15/2018	Thief Hatch	T16307 THIEF HATCH LID (PAINTED BASE) MOV_4723
											T16316 THIEF HATCH LID (PAINTED BASE) MOV_4723
											T16308 THIEF HATCH LID (PAINTED BASE) MOV_4725
											T16306 THIEF HATCH LID (PAINTED BASE) MOV_4721
											T16317 THIEF HATCH LID (PAINTED BASE) MOV_4725
											T16310 THIEF HATCH LID (PAINTED BASE) MOV_4728
											T16312 THIEF HATCH LID (PAINTED BASE) MOV_4722
											T16322* THIEF HATCH LID (PAINTED BASE) MOV_4734
											T16319* THIEF HATCH LID (PAINTED BASE) MOV_4731
											T16311 THIEF HATCH LID (PAINTED BASE) MOV_4730
											T16320* THIEF HATCH LID (PAINTED BASE) MOV_4734
											T16323* THIEF HATCH LID (PAINTED BASE) MOV_4732
											T16318* THIEF HATCH LID (PAINTED BASE) MOV_4731
											T16309 THIEF HATCH LID (PAINTED BASE) MOV_4726
											T16321* THIEF HATCH LID (PAINTED BASE) MOV_4735
OGI Inspection - EN-MADISYN LE CENTRAL FACILITY	7/20/2018 9:35	7/20/2018 11:00:66		NE/7		OGI Inspection	7/20/2018	Confirmed and Closed	8/13/2018	Thief Hatch	T16321*-Thief hatch lid venting (Viton) Mov_6705
											T16313 Thief hatch lid venting (Viton)-Mov_6698
											T16316-Thief hatch lid venting (Viton)-Mov_6701
											T16322*-Thief hatch lid venting (Viton)-Mov_6709
											T16308 Thief hatch lid venting (Viton) Mov_6689
											T16318*-Thief hatch lid venting (Viton) Mov_6703
											T16323*-Thief hatch lid venting (Viton)-Mov_6707
											T16310-Thief hatch lid venting (Viton)-Mov_6693
											T16306-Thief hatch lid venting (Tin Covered)-Mov_6697
											T16319*-Thief hatch lid venting (Viton) Mov_6708
											T16315-Thief hatch lid venting (Viton)-Mov_6700
											T16309-Thief hatch lid venting (Viton)-Mov_6694
											T16314-Thief hatch lid venting (Viton) Mov_6699
											T16307 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE - NOT SENT TO SAP
									8/20/2018		CHELA CREATED WORK ORDER) MOV_6965
									7/20/2018		T16307-Enardo PVRV is venting from the gasket on the top/pressure side canister-Mov_6699
										8/13/2018 HP Flare	Dual Tip Flare-The Dual Tip Flare is not lit/emitting-Mov_6692
										7/26/2018 Other	T16318*-Anode to the left of the Thief Hatch is venting-Mov_6703
OGI Inspection - EN-NELSON/PEDERSON-LW-155-94-3328H-2,3,4,5/0408H-1,2,3,4,5,6,7,	3/20/2018 10:35	3/20/2018 11:30:29		SE 5-10		OGI Inspection	3/20/2018	Confirmed and Closed	3/21/2018	Pressure Relief Devices	T15248 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4845
											T10934 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4854
											T10934 ENARDO PVRV - LEAK FROM UNDERSIDE OF VACUUM CANISTER MOV_4857
											T11026 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4865
											T11029 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4865
											T10935 ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER MOV_4868
										Thief Hatch	T10938 THIEF HATCH LID (VITON BASE) MOV_4867
											T15240 THIEF HATCH BASE GASKET/BOLTS (BUNA BASE) MOV_4864
											T10933 THIEF HATCH BOLTS (BUNA BASE) MOV_4855
											T15245 THIEF HATCH LID (BUNA BASE) MOV_4859
											T10936 THIEF HATCH LID (VITON BASE) MOV_4868
											T10925 THIEF HATCH LID (VITON BASE) MOV_4860
											T10930 THIEF HATCH LID (BUNA BASE) MOV_4871
											T15236 THIEF HATCH LID (VITON BASE) MOV_4851
											T10934 THIEF HATCH BOLTS (BUNA BASE) MOV_4858
											T10937 THIEF HATCH LID/BOLTS (BUNA BASE) MOV_4872
											T10935 THIEF HATCH LID (VITON BASE) MOV_4870
											T11024 THIEF HATCH BOLTS (BUNA BASE) MOV_4869
											T15243 THIEF HATCH LID (VITON BASE) MOV_4852
											T10930 THIEF HATCH BASE GASKET (BUNA BASE) MOV_4861
											T10929 THIEF HATCH LID (VITON BASE) MOV_4862
											T10927 THIEF HATCH LID/BOLTS (BUNA BASE) MOV_4859
											T10931 THIEF HATCH LID (VITON BASE) MOV_4863
											T15235 THIEF HATCH LID (WRAPPED TANK) MOV_4850

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-NELSON/PEDERSON-LW-155-94-3328H-2,3,4,5/0408H-1,2,3,4,5,6,7,	10/18/2017 8:15	10/18/2017 11:05:41		W 15-20	(b) (6)	OGI Inspection	10/18/2017	Confirmed and Closed	10/23/2017	Thief Hatch	T10929* THIEF HATCH LID (VITON BASE) MOV_4011
											T15252* THIEF HATCH LID (BUNA BASE) MOV_4013
											T10939 THIEF HATCH FRONT DISCOLORED BOLT (VITON BASE) MOV_4002
											T10926 THIEF HATCH LID (VITON BASE) MOV_4008
											T11028 THIEF HATCH BASE GASKET (BUNA) MOV_4006
											T10932 THIEF HATCH LID (BUNA BASE) MOV_4010
											T10924 THIEF HATCH LID/BASE GASKET (BUNA) MOV_4009
											T15244 THIEF HATCH LID (BUNA BASE) MOV_4012
									10/18/2017	LP Flare	SOUTH LP FLARE NOT LIT, NOT CLICKING, AND EMITTING MOV_4003
									10/24/2017	Valves	PEDERSON LW H1 TREATER - EAST VALVE PACKING BY PSI GAUGE MOV_4005
OGI Inspection - EN-NELSON/PEDERSON-LW-155-94-3328H-2,3,4,5/0408H-1,2,3,4,5,6,7,8	7/25/2018 6:10	7/25/2018 10:05:55		NW 10-15		OGI Inspection	7/25/2018	Confirmed and Closed	7/25/2018	Pressure Relief Devices	T10930* ENARDO PVRV LEAK FROM UNDERSIDE OF VACUUM CANISTER THROUGH GRATE (ACCESSIBLE) MOV_6514
										Thief Hatch	T15252* THIEF HATCH LID (VITON BASE) MOV_6517
											T15251* THIEF HATCH LID (BUNA BASE) MOV_6518
											T11024 THIEF HATCH BOLTS (VITON BASE) MOV_6513
									7/27/2018	HP Flare	HP FLARE NOT LIT, EMITTING, NOT CLICKING MOV_6519
OGI Inspection - EN-SKABO TRUST-155-93-0631H-1,2,3,4,5,6,7	1/9/2018 8:00	1/9/2018 9:30:33		SSE/2		OGI Inspection	1/9/2018	Confirmed and Closed	1/22/2018	Thief Hatch	T10305-Thief Hatch is venting from the lid & gasket (Buna)-Mov_4439
											T10306-Thief Hatch is venting from the lid (Buna)-Mov_4443
											T10326-Thief hatch is venting from the lid & gasket (Buna)-Mov_4441
											TK-5001-Thief Hatch is venting from the lid (Buna)-Mov_4442
											T10325- Thief Hatch is venting from the lid (Buna)-Mov__4438
											T10340-Thief hatch is venting from the lid & gasket (Buna)-Mov_4440
OGI Inspection - EN-SKABO TRUST-155-93-0631H-1,2,3,4,5,6,7	9/25/2017 7:50	9/25/2017 9:15:43		Calm		OGI Inspection	9/25/2017	Confirmed and Closed	10/23/2017	Connectors	VRU BUILDING - 300 PSI GAUGE THREADED CONNECTION INTO PIPE BELOW (DISCOLORATION) MOV_3600
									9/25/2017	Thief Hatch	T10325 THIEF HATCH LID MOV_3598
									10/23/2017	Other	TREATER BUILDING - 100 PSI GAUGE THREADS NORTH OF GAS SCRUBBER MOV_3601
										Flanges	VRU BUILDING - FUEL GAS CONNECTION 90 BY COMPRESSOR IN MOV_3599
OGI Inspection - EN-SKABO TRUST-155-93-0631H-1,2,3,4,5,6,7	7/19/2018 11:15	7/19/2018 12:05:28		NW/II		OGI Inspection	7/19/2018	Confirmed and Closed	7/27/2018	Thief Hatch	T10340* Thief hatch lid venting (Viton)-Mov_6663
										Thief Hatch	T10325-Thief hatch lid venting (Viton)-Mov_6664
										Thief Hatch	T10326-Thief hatch lid venting (Viton)-Mov_6665
OGI Inspection - EN-SOUTH HORST 50-93	2/13/2018 12:55	2/13/2018 15:30:17		SW 20-25		OGI Inspection	2/13/2018	Confirmed and Closed	2/22/2018	Valves	SOUTH VRU BUILDING - VALVE ON NORTH SIDE OF PT111 MOV_4416
									2/13/2018	Thief Hatch	T8593 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4413
									2/22/2018	Other	V-2200 PIPE FITTING AT TOP OF OIL SIGHT GLASS (DRIP FROM FITTING THAT'S LEAKING) MOV_4417
											T8594 LEAK BETWEEN ENARDO PRESSURE AND VACUUM CANISTERS. VENT PIPE SUPPORT TOO HIGH.
									3/1/2018	Pressure Relief Devices	MANLIFT/CRANE LIKELY NEEDED. MOV_4412
OGI Inspection - EN-SOUTH HORST 50-93	10/5/2017 12:13	10/5/2017 14:36:51		NW 5-		OGI Inspection	10/5/2017	Confirmed and Closed	10/17/2017	Other	T16168* NW ANODE FLANGE CENTER STEM (NOT ACCESSIBLE) MOV_3807
											T16167* SE ANODE FLANGE CENTER STEM (NOT ACCESSIBLE) MOV_3810
											T8591 RADAR GAUGE THREADS MOV_3794
											T16167* NW ANODE FLANGE CENTER STEM (NOT ACCESSIBLE) MOV_3811
											T16185* LEAK FROM SE ANODE (ANODE DISCOLORED - NOT ACCESSIBLE) MOV_3801
											T8594 RADAR GAUGE THREADS MOV_3791
											T8593 RADAR GAUGE THREADS MOV_3792 (WRONG MOVIE NUMBER ON PHOTO)
											T16168* SE ANODE FLANGE CENTER STEM (NOT ACCESSIBLE) MOV_3804
											T8592 RADAR GAUGE THREADS MOV_3796
											T16166* SE ANODE FLANGE CENTER AND POSSIBLY ANODE ITSELF (NOT ACCESSIBLE) MOV_3813
										Thief Hatch	T8596 THIEF HATCH LID (BLACK GASKET - NOT BUNA?) MOV_3800
											T8593 THIEF HATCH LID (PAINTED BASE GASKET) MOV_3793
											T8592 THIEF HATCH LID (PAINTED BASE GASKET) MOV_3797
											T16166* THIEF HATCH LID (BLACK BASE - NOT BUNA?) MOV_3812
											EAST WRAPPED TANK THIEF HATCH LID (TIN COVERING BASE GASKET) MOV_3805
											T16168* THIEF HATCH LID (BLACK BASE - NOT BUNA?) MOV_3808
											T16167* THIEF HATCH LID (BLACK BASE - NOT BUNA?) MOV_3809
											T8919 THIEF HATCH LID (PAINTED BASE GASKET) MOV_3803
											T8916 THIEF HATCH LID/BASE GASKET (PAINTED VITON BASE) MOV_3804
											T16185* THIEF HATCH LID (BLACK BASE - NOT BUNA?) MOV_3802
											T8591 THIEF HATCH LID (PAINTED BASE GASKET) MOV_3795
											WEST WRAPPED TANK THIEF HATCH LID (TIN COVERING BASE GASKET) MOV_3799
										Connectors	SOUTH VRU BUILDING - FUEL GAS LINE ABOVE KIMRAY INTO BLACK JUNCTION MOV_3788
									10/23/2017		TREATER 2 V2220 PLUGGED VALVE INTO PIPE THREADS (EAST SIDE OF VALVE) MOV_3786
									10/17/2017		NORTH VRU BLDG - FUEL GAS LINE INTO KIMRAY MOV_3787
										Pressure Relief Devices	T8594 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_3785
											T8594 LEAK BETWEEN VACUUM AND PRESSURE ENARDO CANISTERS (PIPE SUPPORT MAY NEED TO BE
											LOWERED - MANLIFT NEEDED IF THAT'S THE CASE) MOV_3790
											T8592 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_3795
OGI Inspection - EN-SOUTH HORST 50-93	7/12/2018 8:55	7/12/2018 10:50:23		W 10		OGI Inspection	7/12/2018	Confirmed and Closed	7/24/2018	Thief Hatch	T8915 THIEF HATCH LID (VITON BASE) MOV_6282
											T8592 THIEF HATCH LID (VITON BASE) MOV_6283
											T8591 THIEF HATCH LID (VITON BASE) MOV_6281
											T8909 THIEF HATCH LID (VITON BASE) MOV_6285
										Pressure Relief Devices	T8594 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6279
											T8915 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6286
											T8592 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6281
										Transmitter	T16186* SE ANODE CENTER STEM (MANLIFT) MOV_6284

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - EN-VACHAL-155-93-0532H-1,-9,11,1WH-1	2/28/2018 9:15	2/28/2018 11:00	14	SW 10-15	(b) (6)	OGI Inspection	2/28/2018	Confirmed and Closed	3/9/2018	Thief Hatch	T15695 THIEF HATCH LID (NO VISIBLE BASE GASKET) MOV_4571
											T15703* THIEF HATCH LID (VITON) MOV_4565
											T15698* THIEF HATCH LID (VITON) MOV_4569
											T15701* THIEF HATCH LID (VITON) MOV_4567
											T15702* THIEF HATCH LID (VITON) MOV_4566
											T15700* THIEF HATCH LID (VITON) MOV_4568
										Pressure Relief Devices	T15687 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4572
											T15696 ENARDO VACUUM CANISTER LID LEAK (ACCESSIBLE) MOV_4570
										Other	H-11 TREATER BLDG - SOUTH THREADS OF FUEL GAS PIPING 'T' ABOVE/SOUTH OF V-11170 MOV_4577
											H-11 TREATER BLDG - FUEL GAS PIPE CONNECTOR TOP AND BOTTOM THREADS BELOW VALVE
									3/13/2018		DOWNSTREAM OF V11170 MOV_4576 (3/9/2018 - NEW PICTURE AND VID ATTACHED)
									3/9/2018		H-3 TREATER BLDG - TOP AND BOTTOM THREADS OF PIPE THREADED INTO BOTTOM OF PCV3108 MOV_4575
											H-3 TREATER BLDG - FUEL GAS PIPING 90 DOWNSTREAM OF SCRUBBER POT V-3170 MOV_4574
							3/9/2018		3/12/2018		H-3 TREATER BLDG - TOP THREADS OF 4 WAY CONNECTOR ABOVE V-3170 MOV_4678
											H-3 TREATER BLDG - THREADS INTO SOUTH SIDE OF PIPE CONNECTION SOUTH OF 4 WAY CONNECTOR
											ABOVE V-3170 MOV_4680
											H-3 TREATER BLDG - TOP AND BOTTOM THREADS OF PIPE BETWEEN 'T' AND VALVE BELOW 100 PSI GAUGE
											ABOVE V-3170 MOV_4677
OGI Inspection - EN-VACHAL-155-93-0532H-1, 9,11,1WH-1	8/9/2017 8:50	8/9/2017 9:35	56	N/5		OGI Inspection	8/9/2017	Confirmed and Closed	8/14/2017	Other	H3 TREATER - NIPPLE INTO CROSS AND TEE ABOVE GAS SCRUBBER - MOV 0387
											H5 TREATER - NIPPLE INTO TEE OFF OF GAS SCRUBBER - MOV 0386
									8/9/2017	Pressure Relief Devices	T15690 - ENARDO PVRV - WMF FIXED ON LOCATION - MOV 0381
OGI Inspection - EN-VACHAL-155-93-0532H-1, 9,11,1WH-1	7/26/2018 7:15	7/26/2018 8:30	48	NW/5		OGI Inspection	7/26/2018	Confirmed and Closed	7/30/2018	Pressure Relief Devices	T15702*-Enardo PVRV is venting from the top/pressure side canister lid-Mov_6795
											T15697-Enardo PVRV venting from the front of the pipe-Mov_6798
										Thief Hatch	T15688-Thief hatch bolts venting (Lock-Down Hatch)-Mov_6797
											T15698*-Thief hatch venting from the lid & bolts (Lock-Down Hatch)-Mov_6796
OGI Inspection - EN-VP AND R Pad	2/15/2018 13:20	2/15/2018 14:25	NW 15-20	NW 15-20		OGI Inspection	2/15/2018	Confirmed and Closed	2/15/2018	Thief Hatch	T15509* THIEF HATCH LID (VITON BASE GASKET) MOV_4435
											T15505* THIEF HATCH LID (VITON BASE GASKET) MOV_4440
											H-4 TREATER BLDG - FUEL GAS PIPING THREADS INTO NORTH SIDE OF SMALL CAMERON DEVICE (SEE
									2/21/2018	Other	PICTURE) MOV_4438
											H-8 TREATER BUILDING - BOTTOM THREADS OF FIRST PIPE CONNECTOR ABOVE FUEL GAS SCRUBBER (BELOW
OGI Inspection - EN-VP AND R Pad	7/9/2018 10:55	7/9/2018 12:20	78	SE 15-20		OGI Inspection	7/9/2018	Confirmed and Closed	7/19/2018	Other	4-WAY CONNECTION) MOV_6223
											H-2 TREATER BUILDING - WEST SIDE OF FUEL GAS 90 TO SOUTH OF 4 WAY CONNECTOR ABOVE GAS
										Other	SCRUBBER V-2170 MOV_6224
										Pressure Relief Devices	T15504 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6222
										Pressure Relief Devices	T15495 ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_6221
OGI Inspection - EN-VP AND R Pad	9/1/2017 12:60	9/1/2017 14:45	76.7	NW 15		OGI Inspection	9/1/2017	Confirmed and Closed	9/1/2017	Thief Hatch	T15505* THIEF HATCH LID MOV_3381
											T15508* THIEF HATCH LID MOV_3384
											T15509* THIEF HATCH LID MOV_3385
											T15507* THIEF HATCH LID MOV_3383
											T15496 THIEF HATCH BASE GASKET/BOLTS (VITON) MOV_838E
											T15506* THIEF HATCH LID MOV_3382
											T15491 THIEF HATCH LID MOV_3387
OGI Inspection - EN-WEYRAUCH A/WEYRAUCH C-154-93-2017H-1,2/2932H-1,5,6,7,8,9,10	2/8/2018 13:05	2/8/2018 14:50	7	E 3-5		OGI Inspection	2/8/2018	Confirmed and Closed	2/13/2018	Thief Hatch	T15994 THIEF HATCH LID (VITON BASE) MOV_4381
											T15988 THIEF HATCH LID (VITON BASE) MOV_4383
											T15992 THIEF HATCH LID (VITON BASE) MOV_4378
											T15998* THIEF HATCH LID (VITON BASE) MOV_4377
											T15989 THIEF HATCH LID (VITON BASE) MOV_4380
										Pressure Relief Devices	T15988 ENARDO VACUUM PVRV CANISTER LEAKING FROM UNDERSIDE THROUGH GRATE MOV_4382
									2/22/2018	Other	VRU BLDG - STAINLESS STEEL CONNECTION BELOW 300 PSI GAUGE (SEE PICTURE) MOV_4384
OGI Inspection - EN-WEYRAUCH A/WEYRAUCH C-154-93-2017H-1,2/2932H-1,5,6,7,8,9,10	7/11/2018 10:50	7/11/2018 12:00	72	W 15		OGI Inspection	7/11/2018	Confirmed and Closed	7/26/2018	Thief Hatch	T15991 THIEF HATCH LID (VITON BASE) MOV_6268
										Thief Hatch	T15994 THIEF HATCH LID (VITON BASE) MOV_6271
										Thief Hatch	T15998* THIEF HATCH LID (VITON BASE) MOV_6267
										Thief Hatch	T15990 THIEF HATCH LID (VITON BASE) MOV_6260
										Thief Hatch	T15989 THIEF HATCH LID (VITON BASE) MOV_6270
										Thief Hatch	T15987 THIEF HATCH LID (VITON BASE) MOV_6272
											H-10 TREATER BUILDING - TOP THREADS OF BLUE PIPE CONNECTOR ON FUEL GAS LINE ABOVE SCRUBBER
										Connectors	DRAIN LINE MOV_6273
OGI Inspection - GO-Vinger-156-98-2116 H2,3,4,5	4/26/2018 8:20	4/26/2018 9:50	38	W 5-10		OGI Inspection	4/26/2018	Confirmed and Closed	5/14/2018	Other	VINGER H-3 TREATER BUILDING - FLARE GAS LINE 200 PSI GAUGE THREADS PE3102 MOV_5324
											VRU BUILDING - BOLT THREADS ON WEST SIDE OF VALVE ABOVE NE VESSEL MOV_5322
										Transmitter	T16348* ANODE 5202B CENTER STEM MOV_5321
											T16351* ANODE 5205A CENTER STEM MOV_5310
											T16349* ANODE 5203A CENTER STEM MOV_5318
											T16348* ANODE 5202A CENTER STEM MOV_5320
											T16350* ANODE 5204A LEAK FROM CENTER STEM MOV_5317
											T16349* ANODE 5203B LEAK ANODE (POSSIBLY CENTER STEM ALSO) MOV_5316
											T16347* ANODE 5201B CENTER STEM MOV_5323
											T16351* LEAK FROM ANODE 5205-B MOV_5315
OGI Inspection - HA-Grimestad 152-95 MW Pad	2/23/2018 12:30	2/23/2018 13:45	5	W/SW/12		OGI Inspection					No Deviations Identified
OGI Inspection - HA-Nelson A 152-95 Bakken Facility	9/7/2017 11:28	9/7/2017 13:00	76	NNW/7		OGI Inspection	9/7/2017	Confirmed and Closed	10/4/2017	LP Flare	LP Flare emitting not lit Mov_2848
										Thief Hatch	T9867-Thief Hatch venting from the lid (Buna gasket)-Mov_2841
											T10001*- Thief Hatch venting from the lid & gasket (Buna)-Mov_2835
											T9354*- Thief Hatch venting from the lid (Buna gasket)- Mov_2843
											T10162- Thief Hatch venting from the lid & bolts (Viton gasket)-Mov_2844
											T9888-Thief Hatch venting from the lid (Viton gasket)-Mov_2846
											T9869- Thief Hatch venting from the log & bolts (Viton)- Mov_2842
											T10163- Thief Hatch venting from the lid (Viton)- Mov_2845
											T10000*- Thief Hatch venting from the lid (Buna gasket)-Mov_2838
											T9911-Thief Hatch venting from the lid & gasket (Buna)- Mov_2837
											T9613*- Thief Hatch venting from the log & gasket (Buna)- Mov_2844

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - HA-Nelson A 152-95 Bakken Facility	3/9/2018 7:50	3/9/2018 9:10 13		ESE/8	(b) (6) [redacted]	OGI Inspection	3/9/2018	Confirmed and Closed	3/21/2018	Thief Hatch	T9354*-Thief hatch venting from the lid (Viton)-Mov_4935
											T9820- Thief hatch venting from the lid (Viton)-Mov_4931
											T10165- Thief hatch venting from the lid (Viton)-Mov_4936
											TK5001- Thief hatch venting from the lid (Tin around the gasket)-Mov_4938
											T10162- Thief hatch venting from the lid (Viton)-Mov_4934
											T9911- Thief hatch venting from the lid (Viton)-Mov_4933
											TK5002- Thief hatch venting from the lid (Tin around the gasket)-Mov_4939
										Pressure Relief Devices	T9870- Enardo PVRV venting from the end of the pipe-Mov_4932
OGI Inspection - HA-Nelson A 152-95 Bakken Facility	7/12/2018 11:00	7/12/2018 12:10 74		W/11		OGI Inspection	7/12/2018	Confirmed and Closed	8/7/2018	Thief Hatch	T9869-Thief hatch lid venting (Viton)-Mov_6503
											T9887-Thief hatch lid venting (Viton)-Mov_6504
											T9613*-Thief hatch lid venting (Viton)-Mov_6500
											T9888-Thief hatch lid venting (Viton)-Mov_6507
											T9870-Thief hatch lid venting (Viton)-Mov_6501
											T9820-Thief hatch lid venting (Viton)-Mov_6505
								Pending		Pressure Relief Devices	T9870-Enardo PVRV venting from the front of the pipe-Mov_6502
OGI Inspection - HA-Sanford / Rolfsrud Pad	5/14/2018 9:55	5/14/2018 11:30 66		WNW/10		OGI Inspection	5/14/2018	Confirmed and Closed	5/15/2018	Thief Hatch	T15925*-Thief Hatch lid venting (Viton)-Mov_5666
											T16089*-Thief Hatch lid venting (Viton)-Mov_5672
											T15926*-Thief Hatch lid venting (Viton)-Mov_5667
											T15918-Thief Hatch lid venting (Viton)-Mov_5663
											T15914-Thief Hatch lid venting (Viton)-Mov_5655
											T15929-Thief Hatch lid venting (Viton)-Mov_5664
											T16090*-Thief Hatch lid venting (Viton)-Mov_5673
											T15921-Thief Hatch lid venting (Viton)-Mov_5661
											T15912-Thief Hatch lid venting (Viton)-Mov_5660
											T15916-Thief Hatch lid venting (Viton)-Mov_5657
											T16085-Thief Hatch lid & gasket venting (Buna)-Mov_5668
											T16087-Thief Hatch lid & gasket venting (Buna)-Mov_5671
											T15920-Thief Hatch lid venting (Viton)-Mov_5662
											T15915-Thief Hatch lid venting (Viton)-Mov_5658
											T16083-Thief Hatch lid venting (Viton)-Mov_5669
											T16082-Thief Hatch lid & gasket venting (Buna)-Mov_5670
										Pressure Relief Devices	T15929-Enardo PVRV is venting from both canister lids-Mov_5665
OGI Inspection - HA-Sanford / Rolfsrud Pad	10/11/2017 14:10	10/11/2017 15:40 56		SSE/8		OGI Inspection	10/11/2017	Confirmed and Closed	10/13/2017	Thief Hatch	T16090 - Thief hatch lid leaking (buna) - Mov_1235
											T15932 - Thief hatch lid leaking (viton) - Mov_1238
											T15925 - Thief hatch lid leaking (viton) - Mov_1236
									10/11/2017		T15919 - Thief hatch lid leaking (viton) - Mov_1233
											T15922 - Thief hatch lid leaking (viton) - Mov_1234
									10/13/2017		T16089 - Thief hatch lid leaking (buna) - Mov_1240
											T16084 - Thief hatch lid leaking (buna) - Mov_1241
											T16083 - Thief hatch lid leaking (buna) - Mov_1243
											T16088 - Thief hatch lid leaking (buna) -Mov_1242
											T15927 - Thief hatch lid leaking (viton) - Mov_1237
									10/13/2017	Pressure Relief Devices	T15928 - Inline Enardo PVRV leaking from top lid (accessible) - Mov_1235
											T16082 - Enardo PVRV leaking from top of vacuum lid (accessible) - Mov_1244
									10/11/2017		T15919 - Enardo PVRV venting (accessible) - Mov_1232
									10/16/2017	Connectors	Valve connection leaking in HA-Sanford H4 treater building - See skitch photo - Mov_1245
OGI Inspection - HA-SANFORD-152-96-1819H6-10,LWH-1	2/22/2018 11:30	2/22/2018 13:00 19		SW/8		OGI Inspection	2/22/2018	Confirmed and Closed	2/23/2018	Thief Hatch	T16052- Thief hatch venting from the lid (Viton)-Mov_4762
											T16055*-Thief hatch venting from the lid (Viton)-Mov_4765
											T16058*- Thief hatch venting from the lid (Viton)-Mov_4767
											T16048- Thief hatch venting from the lid (Viton)-Mov_4764
											T16051- Thief hatch venting from the lid (Viton)-Mov_4765
OGI Inspection - HA-SANFORD-152-96-1819H6-10,LWH-1	10/19/2017 12:45	10/19/2017 13:45 67		SW 10-15		OGI Inspection	10/19/2017	Confirmed and Closed	11/7/2017	Thief Hatch	T16063* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4023
											T16058* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4025
											T16055* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4029
											T16057* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4026
											T16050 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4028
											T16056* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4022
											T16064* THIEF HATCH LID (PAINTED BASE GASKET) MOV_4022
											T16053 THIEF HATCH LID (PAINTED BASE GASKET) MOV_4031
										Pressure Relief Devices	T16055* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4030
											T16058* ENARDO PVRV ALLOWING CONTINUOUS VENTING VIA VENT PIPE (ACCESSIBLE) MOV_4024
									11/7/2017		T16063*-Enardo PVRV venting from the end of the pipe-Mov_4193
OGI Inspection - HA-SANFORD-152-96-1819H6-10,LWH-1	7/11/2018 10:20	7/11/2018 11:40 69		WNW/18		OGI Inspection	7/11/2018	Confirmed and Closed	8/2/2018	Thief Hatch	T16059-Thief hatch lid venting (Viton)-Mov_6486
											T16056*-Thief hatch lid venting (Viton)-Mov_6481
											T16055*-Thief hatch lid venting (Viton)-Mov_6480
											T16058*-Thief hatch lid venting (Viton)-Mov_6483
											T16064*-Thief hatch lid venting (Viton)-Mov_6484
											T16049-Thief hatch lid venting (Viton)-Mov_6478
											T16063*-Thief hatch lid venting (Viton)-Mov_6485
											T16053-Thief hatch lid venting (Viton)-Mov_6479
											[illegible]
OGI Inspection - HA-STATE-152-95-1621H5-9 LWH-1	2/15/2018 8:00	2/15/2018 9:40 -1		NNW/17		OGI Inspection	2/15/2018	Confirmed and Closed	2/16/2018	Thief Hatch	T16158- Thief Hatch venting from the lid (Black gasket)-Mov_4697
											T16152- Thief Hatch venting from the lid (Black gasket)-Mov_4695
											T16160- Thief Hatch venting from the lid (Black gasket)-Mov_4698
OGI Inspection - HA-STATE-152-95-1621H5-9 LWH-1	8/9/2017 12:10	8/9/2017 13:00 58		NNW/9		OGI Inspection	8/9/2017	Confirmed and Closed	8/21/2017	Other	Treater- Gauge in the H-7 treater is venting, the gauge sets to the left of the gas scrubber-Mov_2504
										Other	Treater- The H-7 treater has a union leaking approximately 2 1/2' above the gas scrubber-Mov_2503
										Thief Hatch	T16153- Thief Hatch venting from the lid-Mov_2527
OGI Inspection - HA-STATE-152-95-1621H5-9 LWH-1	7/9/2018 12:10	7/9/2018 13:30 78		ESE/16		OGI Inspection	7/9/2018	Confirmed and Closed	7/30/2018	Thief Hatch	T16163*-Thief hatch lid venting (Black Gasket)-Mov_6428
											T16155-Thief hatch lid venting (Black Gasket)-Mov_6424
											T16150-Thief hatch lid venting (Covered in Tin)-Mov_6426
											T16156-Thief hatch lid venting (Black Gasket)-Mov_6427
											T16154-Thief hatch lid venting (Black Gasket)- Mov_6425
OGI Inspection - HA-Swenson Central Facility	10/12/2017 9:30	10/12/2017 11:36 40		NW/19		OGI Inspection	10/12/2017	Confirmed and Closed	10/13/2017	Thief Hatch	T9587 - Thief hatch lid leaking (viton) - Mov_1251
										HP Flare	HP flare not lit and emitting - Mov_1250

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required
OGI Inspection - HA-Swenson Central Facility	2/16/2018 9:05	2/16/2018 10:15 8		SW/19	(b) (6) [redacted]	OGI Inspection	2/16/2018	Confirmed and Closed	2/16/2018	Thief Hatch	T9415- Thief Hatch venting from the lid (Viton)- Mov_4716
OGI Inspection - HA-Swenson Central Facility	7/10/2018 10:40	7/10/2018 11:50 75		SE/11		OGI Inspection	7/10/2018	Confirmed and Closed	8/2/2018	Thief Hatch	T9414-Thief hatch lid & bolts venting (Viton)-Mov_6443
											T9567-Thief hatch lid venting (Viton)-Mov_6444
											T9587-Thief hatch lid venting (Viton)-Mov_6450
											T9629*- Thief hatch lid venting (Viton)-Mov_6441
											T9413-Thief hatch lid venting (Viton)-Mov_6442
											T9568-Thief hatch lid venting (Viton)-Mov_6445
											T9588-Thief hatch lid venting (Viton)-Mov_6448
											T9412-Thief hatch lid venting (Viton)-Mov_6447
										Other	T9412-Tank plug on top of the tank is venting from the threads. The plug is to the right of the Thief Hatch Mov_6448
OGI Inspection - HA-THOMPSON/CHAPIN-152-95-2017H-3,4,5,6/2932H-7,8,9,1(	10/12/2017 12:45	10/12/2017 14:10 43		NW/20		OGI Inspection					No Deviations Identified
OGI Inspection - HA-THOMPSON/CHAPIN-152-95-2017H-3,4,5,6/2932H-7,8,9,1(	2/26/2018 13:00	2/26/2018 14:20 32		W/16		OGI Inspection	2/26/2018	Confirmed and Closed	2/27/2018	Pressure Relief Devices	T15097*- Enardo PVRV venting from the end of the pipe-Mov_4799
OGI Inspection - HA-THOMPSON/CHAPIN-152-95-2017H-3,4,5,6/2932H-7,8,9,1(	7/24/2018 8:50	7/24/2018 10:00 63		NNE/5		OGI Inspection	7/24/2018	Confirmed and Closed	8/13/2018	Thief Hatch	T15089-Thief hatch venting from the lid & bolts/gasket (Lock-Down Hatch)-Mov_6766
											T15086-Thief hatch venting from the bolts/gasket (Lock-Down hatch)-Mov_6764
											T15091-Thief hatch venting from the bolts/gasket (Lock-Down Hatch)-Mov_6767
											T15087-Thief hatch venting from the bolts/gasket (Lock-Down Hatch)-Mov_6765
OGI Inspection - LK-ERICKSON/QUILLIAM H2-4	4/4/2018 8:15	4/4/2018 10:45 12		S/3		OGI Inspection	4/4/2018	Confirmed and Closed	4/26/2018	Thief Hatch	T15882 - Thief hatch venting from lid (viton) - Mov_1787
											T15889* - Thief hatch venting from lid (viton) - Mov_1789
											T15605 - Thief hatch leaking from bolts (viton) - Mov_1794
											T15596 - Thief hatch venting from lid (viton) - Mov_1791
											T15602* - Thief hatch venting from lid (viton) - Mov_1796
											T15885 - Thief hatch venting from lid (viton) - Mov_1788
										Connectors	Quilliam H4 treater building - Connection under 200 psi gauge south of treater - Mov_1799
										Pressure Relief Devices	T15595 - Enardo PVRV venting from pipe (accessible) - Mov_1790
									5/3/2018		TK5008/T15600-Enardo PVRV is venting from where the bolts meet the top canister (This was originally wrote up as the top canister leak)-Mov_5463
									7/25/2018		T15598-Enardo PVRV is venting from the gasket on the bottom of the top canister (Originally wrote up as the vacuum side canister lid)-Mov_5464
									4/26/2018		T15603* - Enardo PVRV venting from pipe (accessible) - Mov_1795
OGI Inspection - SC-1WX8-1H/SC-1WX-152-99-0809H-6,7,8	2/1/2018 12:05	2/1/2018 13:35 1		W/8		OGI Inspection	2/1/2018	Confirmed and Closed	2/21/2018	Thief Hatch	T16236-Thief Hatch is venting from the lid (Viton)-Mov_4484
											T16247*- Thief Hatch is venting from the lid (Viton)-Mov_4490
											T16239- Thief Hatch is venting from the lid (Viton)-Mov_4487
											T16246*- Thief Hatch is venting from the lid (Viton)-Mov_4488
											T16238- Thief Hatch is venting from the lid (Viton)-Mov_4486
											T16229- Thief hatch is venting from the lid (Viton)-Mov_4485
											T16237- Thief Hatch is venting from the lid (Viton)-Mov_4485
											T16248*- Thief hatch is venting from the lid (Viton)-Mov_4491
											HP Flare- The HP Flare was not lit-emitting
										HP Flare	The RO was on location but was unsuccessful in lighting the flare-Mov_4492
OGI Inspection - SC-1WX8-1H/SC-1WX-152-99-0809H-6,7,8	12/4/2017 12:00	12/5/2017 14:30 22		NW 25		OGI Inspection	12/5/2017	Confirmed and Closed	1/10/2018	Other	H-7 2 PHASE SEPARATOR - LEAK BETWEEN 90 ELBOW AND NUT BELOW PIT7150 MOV_4221
											H8 2 PHASE SEPARATOR - LEAK FROM BETWEEN 90 ELBOW AND NUT BELOW PIT8150 MOV_4220
OGI Inspection - SC-1WX8-1H/SC-1WX-152-99-0809H-6,7,8	7/17/2018 10:10	7/17/2018 12:20 73		SE/12		OGI Inspection	7/17/2018	Confirmed and Closed	8/10/2018	Thief Hatch	T16247*-Thief hatch lid venting (Viton)-Mov_6602
											T16249*-Thief hatch lid venting (Viton)-Mov_6600
											T16248*-Thief hatch lid venting (Viton)-Mov_6601
											T16243*-Thief hatch lid venting (Viton)-Mov_6609
											T9686-Thief hatch lid venting (BUNA)-Mov_6596
									8/10/2018		T9684 THIEF HATCH LID/BASE BOLTS (BUNA) MOV_6778
									7/17/2018		T16241*-Thief hatch lid venting (Viton)-Mov_6606
											TK1105*-Thief hatch lid venting (Viton)-Mov_6595
											T16240*-Thief hatch lid venting (Viton)-Mov_6605
											T16246*-Thief hatch lid venting (Viton)-Mov_6604
											T9672-Thief hatch lid venting (Viton)-Mov_6598
											T16245*-Thief hatch lid venting (Viton)-Mov_6612
											T9673-Thief hatch lid venting (BUNA)-Mov_6597
										Pressure Relief Devices	T9672-Enardo PVRV venting from the front of the pipe-Mov_6595
										Tank Plug	TK1105*-Tank plug on the left side of the tank is venting from the collar (previously fixed)-Mov_6594
										Other	T16243*-Anode to the right of the Thief Hatch is venting-Mov_6610
											T16241*-Anode to the right of the Thief Hatch is venting-Mov_6607
											T16247*-Anode to the left of the Thief Hatch is venting-Mov_6603
											T16245*-Anode to the right of the Thief Hatch is venting-Mov_6613
											T16244*-Anode to the left of the Thief Hatch is venting-Mov_6614
											T16242*-Anode to the right of the Thief Hatch is venting-Mov_6608

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Affected Facilities: Fugitive emission components at a reciprocating compressor affected facility

All resurveys are conducted utilizing Optical Gas Imaging (OGI), which is the same method used to detect fugitive emissions.

Facility Name	Fugitive Emission Surveys	Description
Ross Compressor Station	Attached	Remaining open deviations require station shutdown for repair - Repairs will be made during next planned shutdown

Inspection	Inspection Start	Inspection End	Ambient Temp (F)	Wind Direction/Speed	Inspector	Inspection Type	Date Identified	Action Item Status	Date Confirmed and Closed	System	Corrections Required	Deviation Comments
OGI Inspection - Ross Compressor Station	8/14/2017 9:25	8/14/2017 12:37	62	SE 0-5	Eric Burns	OGI Inspection	8/14/2017	Confirmed and Closed	12/18/2017	Other	VERIFY VENT GAS LINE TO EAST OF FLASH GAS COMPRESSOR BUILDING IS SUPPOSED TO BE RELEASING INTO BUCKET (NO MOV, PICTURE ATTACHED)	Operating as designed
									9/14/2017		METHANOL STORAGE TANK LEAK FROM STACK THREADS AND RED POP VALVE MOV_3134	
									9/14/2017		FLASH SEPARATOR D-708125 BULL PLUG ON WEST WALKWAY MOV_3131	
									9/14/2017		INTERMEDIATE 3 PHASE SEPARATOR D-701000 1000 PSI GAUGE THREADS MOV_3137	
									9/14/2017		BALL VALVE SW OF INT 3 PHASE SEPARATOR LIQ PUMP P-701003 MOV_3138	
									12/18/2017		COMPRESSOR BUILDING #4 LEAK IN REINFORCED HOSE INTO GAUGE PT7211 MOV_3140	
									1/12/2018		COMPRESSOR BUILDING #2 LEAK FROM HOOK BELOW RD72085 (SW SIDE OF BLDG) MOV_3141	Operating as designed, managed through rod packing requirements.
									12/18/2017	Pressure Relief Devices	CRUDE TANK VENTING FROM VENT STACK MOV_3136	Operating as designed
									9/14/2017	Connectors	FUEL GAS CONNECTION NEAR TOP OF ECONOMIZER D-708505 ON WEST SIDE MOV_3129	
									9/14/2017		PSSH-738234 LEAK FROM FUEL GAS LINE NUT IN NGL BUILDING MOV_3130	
									12/18/2017	Other	ETHYLENE GLYCOL STORAGE NORTH LID MOV_3132	
									12/18/2017	Other	LEAK FROM UNDERNEATH INSULATION NORTH OF BLUE WHEEL VALVE ON TOP OF NW MOST SKID MOV_3139	
									12/18/2017	Pressure Relief Devices	ETHYLENE GLYCOL STORAGE TANK VERIFY VENT PIPE SHOULD BE VENTING MOV_3133	Operating as designed
									12/18/2017	Thief Hatch	CRUDE TANK THIEF HATCH LID MOV_3135	
OGI Inspection - Ross Compressor Station	12/18/2017 9:00	12/18/2017 12:30	35	WNW/9	Larry Mitchell	OGI Inspection	12/18/2017	Confirmed and Closed	1/12/2018	Other	Compressor BLDG #1- NE head vent hook leak-MOV_1254	Operating as designed
							1/5/2018		1/5/2018		Refrig building - fueled gas line connection NW of vertical vessel mov_1260	
									1/5/2018		East 550F temp gauge threads SE corner of the compressor #4 BLDG-Mov_1250	
							12/18/2017	Pending			Compressor BLDG #1- NW engine between the surface and valve assembly-Mov_1257	Delayed repair - Requires engine shutdown for repairs - will be repaired at next planned shutdown
								Confirmed and Closed	5/2/2018		Compressor BLDG #1- Fuel gas line between the valve and gauge on the NE side of the building next to the NE side of the vessel-Mov_1256	Delayed repair - Required engine shutdown for repairs
									5/2/2018		Compressor BLDG #5- Leak behind the SW blue engine-Discoloration was present on the support-Mov_1258	Delayed repair - Required engine shutdown for repairs
									1/12/2018		Compressor BLDG #3- Leak from the NE vent line-Mov_1253	Operating as designed
									1/5/2018		Flash Gas Compressor BLDG-Stainless steal vent line on the east side of the building-Mov_1259	Operating as designed
									7/26/2018		3 Phase BLDG- Motor/Pod Bay is venting from each crack under the guard. The motor reads P-M701003-Mov_4390	Delayed repair - Required shutdown for repairs
									1/5/2018		Compressor BLDG #4-Threaded connection into the north side of the valve south of the north east vessel-Green tape was tied onto the leak-Mov_1251	
OGI Inspection - Ross Compressor Station	3/12/2018 8:15	3/12/2018 11:30	6	CALM	Eric Burns	OGI Inspection	3/12/2018	Confirmed and Closed	4/11/2018	Other	COMPRESSOR BLDG 3 NORTH SIDE - GAS FROM WEEP HOLE IN FLANGE OF LARGE GREY ACTUATOR SN 111863953002 MOV_4688	
									4/11/2018	Thief Hatch	STORAGE TANK THIEF HATCH NE CORNER OF SITE (BUNA BASE GASKET) MOV_4690	
									4/11/2018	Other	FLASH GAS COMPRESSOR BLDG - STAINLESS FUEL GAS CONNECTION BELOW PSV-708320 (LEAKING CONNECTIONS NOT TAPED) MOV_4681	
									4/11/2018		COMPRESSOR BLDG 4 NORTH SIDE - GAS FROM WEEP HOLE IN FLANGE ON GREY ACTUATOR ZSC-722310 MOV_4689	
									4/11/2018		COMPRESSOR BLDG 1 - LEAK FROM SIDE OF MERCER VALVE S/N WR1741F (FLOOR, SE CORNER OF BLDG) MOV_4683	
								Pending			COMPRESSOR BLDG 1 - LEAK FROM BODY OF NW HEAD MOV_4682	Delayed repair - Requires engine shutdown for repairs - will be repaired at next planned shutdown
								Confirmed and Closed	3/12/2018		COMPRESSOR BLDG 2 - SE CORNER OF BLDG VALVE OFF MERCER NOT CLOSED MOV_4684	
									5/2/2018		NORTH OF COMPRESSOR BLDG 2 - GAS COMING OUT WEEP HOLE ON FLANGE OF LARGE GREY ACTUATOR MOV_4687	Delayed repair - Required shutdown for repairs
									5/2/2018		COMPRESSOR BLDG 4 - MERCER VALVE ON SW CORNER S/N WR77RF LEAK FROM MIDDLE CONNECTION MOV_4686	Delayed repair - Required shutdown for repairs
OGI Inspection - Ross Compressor Station	6/26/2018 8:00	6/26/2018 11:35	75	S 10-15	Eric Burns	OGI Inspection	6/26/2018	Pending		Other	COMPRESSOR 1 BUILDING NW CLEARANCE POCKET MOV_6170	Delayed repair - Requires engine shutdown for repairs - will be repaired at next planned shutdown
								Confirmed and Closed	6/27/2018	Other	SOUTH LETDOWN SKID MESH HOLE ON BACK OF FISHER BOX NEAR DUMP MOV_6163	Operating as designed
									6/27/2018		SOUTH LETDOWN SKID - VENT BOLTS ON ALL 3 NORRISEAL BOXES MOV_6162	Operating as designed
									6/27/2018		NORTH LETDOWN SKID LEAK FROM VENT BOLTS ON NORTH TWO NORRISEAL SERIES 4900 BOXES MOV_6158	Operating as designed
									6/27/2018		MIDDLE LETDOWN SKID ALL 3 VENT BOLTS ON BACKSIDE OF NORRISEAL BOXES MOV_6161	Operating as designed
									6/27/2018		NORTH LETDOWN SKID FLOAT CONTROLLER LEAK FROM WEEPHOLE ON UNDERSIDE MOV_6157	Operating as designed
									6/26/2018		SOUTH LETDOWN SKID - SOUTH SIDE OF STAINLESS T ON EAST END OF VESSEL MOV_6164	
									6/26/2018		SOUTH LETDOWN SKID - TOP CONNECTION OF STAINLESS LINE NEAR SE SKID CORNER MOV_6166	
									6/27/2018		MIDDLE LETDOWN SKID FLOAT CONTROLLER LEAK FROM WEEPHOLE ON UNDERSIDE MOV_6159	Operating as designed
									6/27/2018		NORTH LETDOWN SKID LEAK FROM MESH HOLE ON BACK OF GREY FISHER BOX BY DUMP VALVE MOV_6156	Operating as designed
									7/26/2018	Thief Hatch	DRIP TANK THIEF HATCH LID MOV_6168	
									7/26/2018	Other	MIDDLE LETDOWN SKID SOUTH SIDE BLACK REGULATOR TOP THREADS MOV_6160	
									7/26/2018		FLANGE BELOW MERCER VALVES AT SE CORNER OF D-708405 REFRIGERATION RECEIVER MOV_6155	
									7/26/2018		COMPRESSOR 4 - LEAK FROM SIDE OF NW HEAD NORTH SIDE COVER MOV_6171	
									7/26/2018	Other	COMPRESSOR 2 - WEEP HOLE ON VALVE NORTH OF BUILDING (SERIAL NUMBER ON VALVE 111831828001) MOV_6169	

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Affected Facility: *Reciprocating Compressors*

A single reciprocating compressor located between the wellhead and the point of custody transfer to the natural gas transmission and storage segment. A reciprocating compressor at a well site, or an adjacent well site and servicing more than one well site, is not an affected facility.

Reciprocating Compressor ID	Cumulative hours/months operated since September 18, 2015 OR since last rod packing replacement (whichever is later)	Description of Deviations (select from list)
EC-5, Ross Compressor Station	2,761 Hours	N/A