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FOR INTERNAL USE ONLY

Template Name	**60.5420a(b) Annual Report (Spreadsheet Template)**
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Template Version	v1.00
Last Updated Date	

40 CFR Part 60, Subpart OOOOa Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction,
- §60.5420a Annual Report Spreadsheet Template

Instructions for Spreadsheet Template

Purpose:
This spreadsheet template was designed by the U.S. EPA to facilitate annual reporting for Oil and Gas Facilities under 40 CF
Data Exchange (https://cdx.epa.gov)

Electronic reporting:
Electronic submission of annual reports through the EPA's Compliance and Emissions Data Reporting (CEDRI) is required unc

The CEDRI spreadsheet template upload feature allows you to submit data in a single report for a single facility or multiple j
workbook. Data for the site(s) must be entered into the worksheet labeled "Site Information" in this Excel workbook. Each
site. The Site Record No. will be used to match the information on each tab to the appropriate site.

IMPORTANT: For each site/facility record found in the "Site Information" worksheet , you may referen
each citation found in the workbook or provide individual file names for each individual citation record.
as an example.

The spreadsheet must be uploaded into CEDRI as a single ZIP file, which must include this Excel workbo
any of the worksheets found in the workbook (e.g., the Certification file found in the "Site Information"

Note: If you are uploading file attachments for your report, the uploaded files may be in any format (e.g., zip, docx, PDF). If
first zip the excel file(s) into a separate ZIP file to the master ZIP file that will be uploaded into CEDRI.

Once all data have been entered in the worksheet, combine this Excel workbook and all attachment files (including any ZIP j
for upload to CEDRI.

Please ensure your report includes all of the required data elements found in the listed citations below for this spreadsheet

Do not submit confidential business information (CBI) to EPA via CEDRI. If you are required to submit
specified in paragraph (b)(11) of this section.

§60.5420a What are my notification, reporting, and recor ements?

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(b) *Reporting requirements* . You must submit annual reports containing the ed in paragraphs (
(b)(9) or (10) of this section, if applicable, except as provided in paragraph (b)(13) of this section. You must submit
annual report is due no later than 90 days after the end of the initial compliance period as determined according t
annual report. If you own or operate more than one affected facility, you may submit one report for multiple affe
(b)(1) through (8) of this section, except as provided in paragraph (b)(13) of this section. Annual reports may coinc

, Modification or Reconstruction Commenced After September 18, 2015

R part 60, subpart OOOOa. CEDRI is accessed through the EPA's Central

der §60.5420a(b).

facilities, as well as mulitple sites, using this EPA provided Excel
row in the "Site Information" worksheet includes the data for a single

ce a single file attachment that includes all information for
. In the examples provided in the workbook, we provide both

ok and any related attachments that were referenced in
' worksheet).

you would like to include an Excel file(s) as an attachment, you must

file containing separate excel file(s), if applicable) into a single ZIP file

upload submission.

b)(1) through (8) and (12) of this section and performance test reports as specified in paragraph
annual reports following the procedure specified in paragraph (b)(11) of this section. The initial
o §60.5410a. Subsequent annual reports are due no later than same date each year as the initial
cted facilities provided the report contains all of the information required as specified in paragraphs
ide with title V reports as long as all the required elements of the annual report are included. You

may arrange with the Administrator a common schedule on which reports required by this part may be submitted

(1) The general information specified in paragraphs (b)(1)(i) through (iv) of this section for all reports.
(i) The company name, facility site name associated with the affected facility, US Well ID or US Well ID associated available for the site, include a description of the site location and provide the latitude and longitude coordinates North American Datum of 1983.
(ii) An identification of each affected facility being included in the annual report.
(iii) Beginning and ending dates of the reporting period.
(iv) A certification by a certifying official of truth, accuracy, and completeness. This certification shall state that, ba the document are true, accurate, and complete.

(2) For each well affected facility, the information in paragraphs (b)(2)(i) through (iii) of this section.
(i) Records of each well completion operation as specified in paragraphs (c)(1)(i) through (iv) and (vi) of this sectio submitting the records specified in paragraph (c)(1)(i) through (iv) of this section, the owner or operator may subn the records required by paragraph (c)(1)(v) of this section for each well completion.
(ii) Records of deviations specified in paragraph (c)(1)(ii) of this section that occurred during the reporting period.
(iii) Records specified in paragraph (c)(1)(vii) of this section, if applicable, that support a determination under 60.5

(3) For each centrifugal compressor affected facility, the information specified in paragraphs (b)(3)(i) through (iv)
(i) An identification of each centrifugal compressor using a wet seal system constructed, modified or reconstructe
(ii) Records of deviations specified in paragraph (c)(2) of this section that occurred during the reporting period.
(iii) If required to comply with §60.5380a(a)(2), the records specified in paragraphs (c)(6) through (11) of this secti
(iv) If complying with §60.5380a(a)(1) with a control device tested under §60.5413a(d) which meets the criteria in section for each centrifugal compressor using a wet seal system constructed, modified or reconstructed during the

(4) For each reciprocating compressor affected facility, the information specified in paragraphs (b)(4)(i) and (ii) of
(i) The cumulative number of hours of operation or the number of months since initial startup or since the previou that emissions from the rod packing are being routed to a process through a closed vent system under negative pr
(ii) Records of deviations specified in paragraph (c)(3)(iii) of this section that occurred during the reporting period.

(5) For each pneumatic controller affected facility, the information specified in paragraphs (b)(5)(i) through (iii) of
(i) An identification of each pneumatic controller constructed, modified or reconstructed during the reporting peri
(ii) If applicable, documentation that the use of pneumatic controller affected facilities with a natural gas bleed ra
(iii) Records of deviations specified in paragraph (c)(4)(v) of this section that occurred during the reporting period.

(6) For each storage vessel affected facility, the information in paragraphs (b)(6)(i) through (vii) of this section.
(i) An identification, including the location, of each storage vessel affected facility for which construction, modifica shall be in latitude and longitude coordinates in decimal degrees to an accuracy and precision of five (5) decimals
(ii) Documentation of the VOC emission rate determination according to §60.5365a(e) for each storage vessel that reporting period.
(iii) Records of deviations specified in paragraph (c)(5)(iii) of this section that occurred during the reporting period
(iv) A statement that you have met the requirements specified in §60.5410a(h)(2) and (3).
(v) You must identify each storage vessel affected facility that is removed from service during the reporting period removed from service.
(vi) You must identify each storage vessel affected facility returned to service during the reporting period as speci
(vii) If complying with §60.5395a(a)(2) with a control device tested under §60.5413a(d) which meets the criteria in section for each storage vessel constructed, modified, reconstructed or returned to service during the reporting p

as long as the schedule does not extend the reporting period.

with the affected facility, if applicable, and address of the affected facility. If an address is not
of the site in decimal degrees to an accuracy and precision of five (5) decimals of a degree using the

sed on information and belief formed after reasonable inquiry, the statements and information in

n, if applicable, for each well affected facility conducted during the reporting period. In lieu of
nit a list of the well completions with hydraulic fracturing completed during the reporting period and

432a that the well affected facility is a low pressure well as defined in 60.5430a.

of this section.
d during the reporting period.

on.
§60.5413a(d)(11) and §60.5413a(e), records specified in paragraph (c)(2)(i) through (c)(2)(vii) of this
e reporting period.

this section.
is reciprocating compressor rod packing replacement, whichever is later. Alternatively, a statement
essure.

this section.
od, including the identification information specified in §60.5390a(b)(2) or (c)(2).
te greater than 6 standard cubic feet per hour are required and the reasons why.

tion or reconstruction commenced during the reporting period. The location of the storage vessel
of a degree using the North American Datum of 1983.
became an affected facility during the reporting period or is returned to service during the

.

l as specified in §60.5395a(c)(1)(ii), including the date the storage vessel affected facility was

fied in §60.5395a(c)(3), including the date the storage vessel affected facility was returned to service.
§60.5413a(d)(11) and §60.5413a(e), records specified in paragraphs (c)(5)(vi)(A) through (F) of this
eriod.

(7) For the collection of fugitive emissions components at each well site and the collection of fugitive emissions co
monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section. For the c
under §60.5397a(g)(5), you must include in your annual report the fact that a monitoring survey was waived and t
was waived.
(i) Date of the survey.
(ii) Beginning and end time of the survey.
(iii) Name of operator(s) performing survey. If the survey is performed by optical gas imaging, you must note the t
(iv) Ambient temperature, sky conditions, and maximum wind speed at the time of the survey.
(v) Monitoring instrument used.
(vi) Any deviations from the monitoring plan or a statement that there were no deviations from the monitoring pl
(vii) Number and type of components for which fugitive emissions were detected.
(viii) Number and type of fugitive emissions components that were not repaired as required in §60.5397a(h).
(ix) Number and type of difficult-to-monitor and unsafe-to-monitor fugitive emission components monitored.
(x) The date of successful repair of the fugitive emissions component.
(xi) Number and type of fugitive emission components placed on delay of repair and explanation for each delay of
(xii) Type of instrument used to resurvey a repaired fugitive emissions component that could not be repaired duri

(8) For each pneumatic pump affected facility, the information specified in paragraphs (b)(8)(i) through (iii) of this
(i) For each pneumatic pump that is constructed, modified or reconstructed during the reporting period, you must
(b)(8)(i)(A), (B) or (C) of this section.
(A) No control device or process is available on site.
(B) A control device or process is available on site and the owner or operator has determined in accordance with §
device or process.
(C) Emissions from the pneumatic pump are routed to a control device or process. If the control device is designec
control device is designed to achieve.
(ii) For any pneumatic pump affected facility which has been previously reported as required under paragraph (b)(
reporting period, provide the identification of the pneumatic pump affected facility and the date it was previously
paragraphs (b)(8)(ii)(A), (B) or (C) or (D) of this section.
(A) A control device has been added to the location and the pneumatic pump now reports according to paragraph
(B) A control device has been added to the location and the pneumatic pump affected facility now reports accordi
(C) A control device or process has been removed from the location or otherwise is no longer available and the pn
(D) A control device or process has been removed from the location or is otherwise no longer available and the ov
evaluation that it is technically infeasible to capture and route the emissions to another control device or process.
(iii) Records of deviations specified in paragraph (c)(16)(ii) of this section that occurred during the reporting perioc
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(12) You must submit the certification signed by the qualified professional engineer according to §60.5411a(d) for

(11) You must submit reports to the EPA via the CEDRI. (CEDRI can be accessed through the EPA's CDX (https://cdx
electronic file format consistent with the extensible markup language (XML) schema listed on the CEDRI Web site
available in CEDRI at the time that the report is due, you must submit the report to the Administrator at the appro
days, you must begin submitting all subsequent reports via CEDRI. The reports must be submitted by the deadline

›mponents at each compressor station within the company-defined area, the records of each
ollection of fugitive emissions components at a compressor station, if a monitoring survey is waived
he calendar months that make up the quarterly monitoring period for which the monitoring survey

:raining and experience of the operator.

an.

' repair.
ıg the initial fugitive emissions finding.

section.
provide certification that the pneumatic pump meets one of the conditions described in paragraphs

›60.5393a(b)(5) that it is technically infeasible to capture and route the emissions to the control

l to achieve less than 95 percent emissions reduction, specify the percent emissions reductions the

(8)(i) of this section and for which a change in the reported condition has occurred during the
reported and a certification that the pneumatic pump meets one of the conditions described in

(b)(8)(i)(C) of this section.
ng to paragraph (b)(8)(i)(B) of this section.
eumatic pump affected facility now report according to paragraph (b)(8)(i)(A) of this section.
vner or operator has determined in accordance with §60.5393a(b)(5) through an engineering

d.

each closed vent system routing to a control device or process.

:.epa.gov/).) You must use the appropriate electronic report in CEDRI for this subpart or an alternate
(https://www3.epa.gov/ttn/chief/cedri/). If the reporting form specific to this subpart is not
›priate address listed in §60.4. Once the form has been available in CEDRI for at least 90 calendar
s specified in this subpart, regardless of the method in which the reports are submitted.

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40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iv) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

			SITE INFORMATION								ALTERNATIVE ADDRESS INFORMATION (IF NO PHYSICAL ADDRESS AVAILABLE FOR SITE			REPORTING INFORMATION		PE Certification	ADDITIONAL INFORMATION	
Facility Record No. * **(Field value will automatically generate if a value is not entered.)**	Company Name * (§60.5420a(b)(1)(i))	Facility Site Name * (§60.5420a(b)(1)(i))	US Well ID or US Well ID Associated with the Affected Facility, if applicable. * (§60.5420a(b)(1)(i))	Address of Affected Facility * (§60.5420a(b)(1)(i))	Address 2	City *	County *	State Abbreviation *	Zip Code *	Responsible Agency Facility ID (State Facility Identifier)	Description of Site Location (§60.5420a(b)(1)(i))	Latitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Longitude of the Site (decimal degrees to 5 decimals using the North American Datum of 1983) (§60.5420a(b)(1)(i))	Beginning Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Ending Date of Reporting Period.* (§60.5420a(b)(1)(iii))	Please provide the file name that contains the certification signed by a qualified professional engineer for each closed vent system routing to a control device or process. * (§60.5420a(b)(12)) Please provide only one file per record.	Please enter any additional information.	Enter associated file name reference.
XML Tag:	**FacilityName** e.g.: ABC Company	**SiteName** e.g.: XYZ Compressor Station	**WellId** e.g.: 12-345-67890-12	**AddressLine1** e.g.: 123 Main Street	**AddressLine2** e.g.: Suite 100	**CityName** e.g.: Brooklyn	**CountyName** e.g.: Kings County	**StateName** e.g.: NY	**ZipCode** e.g.: 11221	**StateFacId**	**SiteDescription** e.g.: 7 miles NE of the intersection of Hwy 123 and Hwy 456	**SiteLatitude** e.g.: 34.12345	**SiteLongitude** e.g.: -101.12345	**PeriodStartDate** e.g.: 01/01/2016	**PeriodEndDate** e.g.: 06/30/2016	**PeCertFile** e.g.: Certification.pdf **or** XYZCompressorStation.pdf	**AddInfo**	**AddFile** e.g.: addlInfo.zip **or** XYZCompressorStation.pdf
NR1	Continental Resources, In	ADDYSON 2-5/RICHMOND 2-5 CTB	ADDYSON 4-23H	3310504041	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 155N RNG 98W	48.2275200	-103.2468700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR1	Continental Resources, In	ADDYSON 2-5/RICHMOND 2-5 CTB	ADDYSON 5-23H	3310504042	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 155N RNG 98W	48.2275200	-103.2466900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR2	Continental Resources, In	AKRON FED 7/CHARLOTTE 7 PAD	AKRON FEDERAL 7-27H	3305307059	N/A	N/A	N/A	N/A	N/A	N/A	S27 TWN 152N RNG 99W	47.9629100	-103.3449400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR3	Continental Resources, In	ALFSVAAG 4+5/BUD 4+5 PAD	ALFSVAAG 4-31H	3310503922	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 153N RNG 99W	48.0396600	-103.4635200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR3	Continental Resources, In	ALFSVAAG 4+5/BUD 4+5 PAD	ALFSVAAG 5-31H1	3310503923	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 153N RNG 99W	48.0396600	-103.4633400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR4	Continental Resources, In	ALPHA 4+5/FLORIDA 4+5 PAD	ALPHA 4-14H1	3305306086	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 152N RNG 100W	47.9836900	-103.4421600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR4	Continental Resources, In	ALPHA 4+5/FLORIDA 4+5 PAD	ALPHA 5-14H	3305306088	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 152N RNG 100W	47.9836800	-103.4425300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 10X-4HSL1	3310504715	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4804870	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 11X-4HSL	3310504716	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4803040	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 4X-4H1	3310504707	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4828400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 5X-4H	3310504709	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4826500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 6X-4H1	3310504710	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4824700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 7X-4H	3310504711	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4822900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 8X-4H1	3310504713	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4808550	8/2/2018	8/1/2019	N/A	N/A	N/A
NR5	Continental Resources, In	ANDERSON 4-11 PAD	ANDERSON 9X-4H	3310504714	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 100W	48.0235900	-103.4806710	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	ANGUS FEDERAL 6-16H2	3305308152	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7828100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 2-34H	3310503911	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5218800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 3-34H	3310503912	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5216900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 4-34H1	3310503913	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5215100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 5-34H	3310503914	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5213300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 6-34H1	3310504289	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5232600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 7-34H	3310504290	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5230700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 8-34H1	3310504291	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5228900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR7	Continental Resources, In	ANNA 2-9 CTB	ANNA 9-34H1	3310504292	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 154N RNG 100W	48.1119200	-103.5219300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	ANTELOPE FEDERAL 5-23H	3305307434	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7369700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	ANTELOPE FEDERAL 6-23H1	3305307435	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7367800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	ANTELOPE FEDERAL 7-23H	3305307436	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7366000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	ANTELOPE FEDERAL 8-23H2	3305307437	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7364100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	BAILEY 10-24H	3305307840	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0407200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	BAILEY 11-24H2	3305307839	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0405400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	BAILEY 12-24H	3305307838	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0403600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	BAILEY 8-24H	3305307842	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862500	-103.0410900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	BAILEY 9-24H2	3305307841	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0409100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR10	Continental Resources, In	BAIRD FEDERAL 2-34H	BAIRD FEDERAL 2-34H	2508323363	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 27N RNG 53E	48.0549800	-104.8625500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR11	Continental Resources, In	BICE-DOLEZAL CTB	BICE 5-32H	3302502967	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 145N RNG 95W	47.4142700	-102.8140700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR11	Continental Resources, In	BICE-DOLEZAL CTB	BICE 6-32H1	3302502966	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 145N RNG 95W	47.4142700	-102.8138900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	BOHMBACH 14A-26H2	3305308069	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7357800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	BOHMBACH 5A-26H2	3305307340	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7356000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	BOHMBACH 6A-26H	3305307341	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7354100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR8	Continental Resources, In	ANTELOPE FEDERAL 5-13 BOHMBACH 5-7 9-14 CTB	BOHMBACH 7-26H	3305307342	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 153N RNG 94W	48.0516200	-102.7352300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BONNEVILLE 4-23H	3302502676	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4574300	-102.8748400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BONNEVILLE 5-23H1	3302502675	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4574500	-102.8746600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BONNEVILLE 6-23H1	3302502674	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4574700	-102.8744800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR13	Continental Resources, In	BOULDER FED 8 9 BOULDER 10 11	BOULDER 10-4H	3305308844	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 99W	48.0084520	-103.3607520	8/2/2018	8/1/2019	N/A	N/A	N/A
NR13	Continental Resources, In	BOULDER FED 8 9 BOULDER 10 11	BOULDER 11-4H1	3305308845	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 99W	48.0084510	-103.3605680	8/2/2018	8/1/2019	N/A	N/A	N/A
NR13	Continental Resources, In	BOULDER FED 8 9 BOULDER 10 11	BOULDER FEDERAL 8-4H	3305307330	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 99W	48.0084530	-103.3611190	8/2/2018	8/1/2019	N/A	N/A	N/A
NR13	Continental Resources, In	BOULDER FED 8 9 BOULDER 10 11	BOULDER FEDERAL 9-4H1	3305307331	N/A	N/A	N/A	N/A	N/A	N/A	S4 TWN 152N RNG 99W	48.0084530	-103.3609360	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 10-25H2	3302503187	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5158100	-102.8554300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 11-25H	3302503188	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5158100	-102.8552500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 5-25H1	3302502805	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8592300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 6-25H	3302502806	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8590500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 7-25H2	3302502807	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8588700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 8-25H1	3302503185	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8594600	8/2/2018	8/1/2019	N/A	N/A	N/A

NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	BRANDVIK 9-25H	3302503186	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5158100	-102.8556100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR15	Continental Resources, In	VACHAL 6-11 CTB/CSL	BRANGUS NORTH 1-2H2	3306103939	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 154N RNG 94W	48.1332700	-102.7394000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	BRATLIEN 3-26H	3302301241	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9727000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	BRATLIEN 4-26H1	3302301240	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9728900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	BRATLIEN 5-26H	3302301239	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9730700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 10-14H2	3302503156	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 146N RNG 96W	47.4598800	-102.8682500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 11-14H1	3302503168	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 146N RNG 96W	47.4598900	-102.8678900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 5-14H	3302502678	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4573200	-102.8758200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 7-14H2	3302502993	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4576100	-102.8719400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 8-14H	3302502994	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4576100	-102.8717600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 9-14H1	3302502995	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4576100	-102.8715800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR3	Continental Resources, In	ALFSVAAG 4+5/BUD 4+5 PAD	BUD 4-30H	3310503924	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 153N RNG 99W	48.0396600	-103.4625200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR3	Continental Resources, In	ALFSVAAG 4+5/BUD 4+5 PAD	BUD 5-30H1	3310503925	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 153N RNG 99W	48.0396600	-103.4623400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR17	Continental Resources, In	BURIAN 4-27H1	BURIAN 4-27H1	3300701910	N/A	N/A	N/A	N/A	N/A	N/A	S27 TWN 141N RNG 99W	47.0084720	-103.2037880	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 1-26H1	3306103864	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0419200	-102.5888200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 10-26H	3306103516	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0409300	-102.5880600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 15-26H1	3306103529	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0408900	-102.5873400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 16-26H	3306103530	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0407800	-102.5872600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 17-26H	3306103532	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0405600	-102.5871000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 18-26H1	3306103533	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0404500	-102.5870200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 19-26H	3306103534	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0403300	-102.5869500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 2-26H	3306103865	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0421100	-102.5887100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 20-26H	3306103536	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0401100	-102.5867900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 21-26H2	3306103517	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0408200	-102.5879800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 23-26H2	3306103531	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0406700	-102.5871800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 24-26H2	3306103535	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0402200	-102.5868700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 3-26H	3306103867	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0418600	-102.5886400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 4-26H	3306103869	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0416200	-102.5885800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 5-26H	3306103871	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0413700	-102.5885300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 6-26H2	3306103866	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0419800	-102.5886700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 7-26H1	3306103868	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0417400	-102.5886100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 8-26H2	3306103870	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0415000	-102.5885500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR18	Continental Resources, In	BURR FEDERAL 1-24 CTB	BURR FEDERAL 9-26H1	3306103515	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 93W	48.0410500	-102.5881400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	CANDEE 7-9H	3302503042	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4748100	-102.7947900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	CANDEE 8-9H1	3302503040	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4748100	-102.7946100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	CARSON PEAK 4-35HSL	3302503561	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5183570	-102.8791860	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	CARSON PEAK 5-35H2	3302503562	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5183260	-102.8790650	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	CARSON PEAK 6-35H1	3302503524	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5259740	-102.8739220	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	CARSON PEAK 7-35H	3302503516	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5259660	-102.8737400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	CARSON PEAK 8-35H2	3302503517	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5259570	-102.8735590	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 10-28H1	3302503593	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5184210	-102.9103310	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 11-28H	3302503594	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5184220	-102.9101490	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 12-28HSL1	3302503596	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5184220	-102.9099670	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 5-28H	3302503589	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5181340	-102.9144780	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 6-28H1	3302503588	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5181350	-102.9142960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 7-28H	3302503587	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5181350	-102.9141130	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 8-28H1	3302503591	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5184200	-102.9106960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR21	Continental Resources, In	CARUS 4-12 CTB	CARUS 9-28H	3302503592	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.5184210	-102.9105130	8/2/2018	8/1/2019	N/A	N/A	N/A
NR22	Continental Resources, In	CHARLESTON 4+5/OLYMPIA 4+5 PAD	CHARLESTON 4-22H1	3310503899	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 155N RNG 98W	48.2276600	-103.2685600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR22	Continental Resources, In	CHARLESTON 4+5/OLYMPIA 4+5 PAD	CHARLESTON 5-22H	3310503898	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 155N RNG 98W	48.2276600	-103.2683700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR2	Continental Resources, In	AKRON FED 7/CHARLOTTE 7 PAD	CHARLOTTE 7X-22H	3305307217	N/A	N/A	N/A	N/A	N/A	N/A	S27 TWN 152N RNG 99W	47.9627900	-103.3449400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR23	Continental Resources, In	CHAROLAIS NORTH FEDERAL 1-3H1	CHAROLAIS NORTH FEDERAL 1-3H1	3306103938	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 154N RNG 94W	48.1332700	-102.7395800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR24	Continental Resources, In	CHICAGO 5+6/SYRACUSE 5+6	CHICAGO 5-26H	3305306531	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9629400	-103.3134700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR24	Continental Resources, In	CHICAGO 5+6/SYRACUSE 5+6	CHICAGO 6-26H1	3305306529	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9629400	-103.3138400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR25	Continental Resources, In	CHICAGO 7/SYRACUSE 7	CHICAGO 7-26H	3305306406	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9630400	-103.3237000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	COLLISON 10-23H1	3310504801	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1526650	-103.4943400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	COLLISON 11-23H	3310504800	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1525410	-103.4943410	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	COLLISON 12-23H1	3310504799	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1524180	-103.4943410	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	COLLISON 13-23HSL	3310504857	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1522940	-103.4943410	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	COLLISON 9-23H1	3310504802	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527880	-103.4943400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 10-14H	3302503200	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5421400	-102.8722800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 11-14H2	3302503201	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5421600	-102.8721000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 12-14H	3302503202	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5421900	-102.8719300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 13-14H1	3302503203	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5422200	-102.8717500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 14-14H	3302503204	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5422400	-102.8715700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	COLTER 7-14H	3302503374	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8883800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	COLTER 8-14H1	3302503375	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8882000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR27	Continental Resources, In	COLTER 5+6 9-14 CTB	COLTER 9-14H	3302503199	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 147N RNG 96W	47.5420500	-102.8740100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 1-15H	3306103811	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0779700	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 2-15H1	3306103812	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0778500	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 3-15H	3306103813	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0777200	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 4-15H2	3306103814	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0776000	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 5-15H	3306103815	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0774800	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 6-15H1	3306103816	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0773500	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 7-15H	3306103817	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0772300	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR29	Continental Resources, In	CORSICAN FEDERAL 1-8 PAD	CORSICAN FEDERAL 8-15H2	3306103818	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 93W	48.0771100	-102.6141200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR30	Continental Resources, In	CUSKELLY 3-4 THORVALD 3-4	CUSKELLY 3-7H	3302502702	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 96W	47.4866800	-102.9597200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR30	Continental Resources, In	CUSKELLY 3-4 THORVALD 3-4	CUSKELLY 4-7H1	3302502701	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 96W	47.4866800	-102.9595400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR11	Continental Resources, In	BICE-DOLEZAL CTB	DOLEZAL 5-5H	3302502968	N/A	N/A	N/A	N/A	N/A	N/A	S32 TWN 146N RNG 95W	47.4162400	-102.8171200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR11	Continental Resources, In	BICE-DOLEZAL CTB	DOLEZAL 6-5H1	3302502969	N/A	N/A	N/A	N/A	N/A	N/A	S32 TWN 146N RNG 95W	47.4162400	-102.8169400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 4-7H2	3302502780	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8334800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 5-7H	3302502781	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8333000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 6-7H1	3302502782	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8331200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 7-7H1	3302503157	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8341100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 8-7H	3302503158	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8339300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	DVIRNAK 9-7H	3302503205	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8329400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR4	Continental Resources, In	ALPHA 4+5/FLORIDA 4+5 PAD	FLORIDA FEDERAL 4-11H1	3305306055	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 152N RNG 100W	47.9836900	-103.4419800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR4	Continental Resources, In	ALPHA 4+5/FLORIDA 4+5 PAD	FLORIDA FEDERAL 5-11H	3305306087	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 152N RNG 100W	47.9836800	-103.4423500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR32	Continental Resources, In	GARFIELD 4-7 PAD	GARFIELD 4-5H	3305305599	N/A	N/A	N/A	N/A	N/A	N/A	S8 TWN 152N RNG 99W	48.0073900	-103.3883700	8/2/2018	8/1/2019	N/A	N/A	N/A

NR32	Continental Resources, In	GARFIELD 4-7 PAD	GARFIELD FEDERAL 5-5H1	3305305598	N/A	N/A	N/A	N/A	N/A	N/A	S8 TWN 152N RNG 99W	48.0073900	-103.3881800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR32	Continental Resources, In	GARFIELD 4-7 PAD	GARFIELD FEDERAL 6-5H	3305305597	N/A	N/A	N/A	N/A	N/A	N/A	S8 TWN 152N RNG 99W	48.0073900	-103.3880000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR32	Continental Resources, In	GARFIELD 4-7 PAD	GARFIELD FEDERAL 7-5H1	3305305596	N/A	N/A	N/A	N/A	N/A	N/A	S8 TWN 152N RNG 99W	48.0073900	-103.3878200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR34	Continental Resources, In	GJORVEN 9-12 PAD	GJORVEN 10-21H	3310505004	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2277320	-103.2857610	8/2/2018	8/1/2019	N/A	N/A	N/A
NR34	Continental Resources, In	GJORVEN 9-12 PAD	GJORVEN 11-21H1	3310505003	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2277320	-103.2855760	8/2/2018	8/1/2019	N/A	N/A	N/A
NR34	Continental Resources, In	GJORVEN 9-12 PAD	GJORVEN 12-21HSL	3310505002	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2277310	-103.2853910	8/2/2018	8/1/2019	N/A	N/A	N/A
NR35	Continental Resources, In	GJORVEN FEDERAL 4-6 GJORVEN 7	GJORVEN 7-21H1	3310505070	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2276210	-103.2931650	8/2/2018	8/1/2019	N/A	N/A	N/A
NR35	Continental Resources, In	GJORVEN FEDERAL 4-6 GJORVEN 7	GJORVEN FEDERAL 4-21H	3310503958	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2276220	-103.2937190	8/2/2018	8/1/2019	N/A	N/A	N/A
NR35	Continental Resources, In	GJORVEN FEDERAL 4-6 GJORVEN 7	GJORVEN FEDERAL 5-21H1	3310503957	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2276220	-103.2935340	8/2/2018	8/1/2019	N/A	N/A	N/A
NR35	Continental Resources, In	GJORVEN FEDERAL 4-6 GJORVEN 7	GJORVEN FEDERAL 6-21H	3310505069	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 155N RNG 98W	48.2276210	-103.2933500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR36	Continental Resources, In	HAWKSINSON 1-22H CSL	HAWKINSON 15-22H	3302502912	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5452200	-102.8966400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	HAWKINSON 16-22HSL1	3302503403	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8887500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR37	Continental Resources, In	HAYES 4+5/STANGELAND 4+5 PAD	HAYES 4-6H	3310503844	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0975400	-103.4651500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR37	Continental Resources, In	HAYES 4+5/STANGELAND 4+5 PAD	HAYES 5-6H	3310503845	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0975400	-103.4649600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR38	Continental Resources, In	HAYES 6+7 PAD	HAYES 6-6H1	3310504082	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0973800	-103.4576400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR38	Continental Resources, In	HAYES 6+7 PAD	HAYES 7-6H	3310504083	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0973800	-103.4574600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	HELENA 8-7HSL1	3310504751	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2546000	-103.3201170	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 10-36H	3305306451	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7024000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 11-36H2	3305306450	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7022200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 12-36H	3305306476	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7020300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 7-36H2	3305306454	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7029500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 8-36H	3305306453	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7027700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON 9-36H1	3305306452	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0244800	-102.7025900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR41	Continental Resources, In	HENDRICKSON 14 HOLSTEIN 15+16 PAD	HENDRICKSON FEDERAL 14-25HSL	3305308002	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0429300	-102.7003900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON FEDERAL 3-36H2	3305306615	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0245400	-102.7104400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON FEDERAL 4-36H	3305306616	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0245400	-102.7102600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON FEDERAL 5-36H1	3305306617	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0245400	-102.7100700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR40	Continental Resources, In	HENDRICKSON 3-12 CTB	HENDRICKSON FEDERAL 6-36H	3305306618	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 153N RNG 94W	48.0245400	-102.7098900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 1-20H	3305307429	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616200	-102.8009800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 10-17H1	3305307786	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7839100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 11-17H	3305307787	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7837300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 12-17H2	3305307788	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7835400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 13-17H	3305307789	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7836600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 14-17H1	3305308150	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0650900	-102.7831800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR6	Continental Resources, In	ANGUS FED 6 HEREFORD FED 10-15	HEREFORD FEDERAL 15X-17HSL	3305308807	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 153N RNG 94W	48.0651700	-102.7829900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 2-20H1	3305307433	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0610700	-102.8008900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 3-20H	3305307428	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616200	-102.8007900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 4-20H2	3305307432	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616700	-102.8007000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 5-20H	3305307427	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616200	-102.8006100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 6-20H1	3305307431	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0610700	-102.8005200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 7-20H	3305307426	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616200	-102.8004300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 8-20H2	3305307430	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616700	-102.8003300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR42	Continental Resources, In	HEREFORD FEDERAL 1-9 CTB	HEREFORD FEDERAL 9-20H	3305307425	N/A	N/A	N/A	N/A	N/A	N/A	S20 TWN 153N RNG 94W	48.0616200	-102.8002400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 10-25H	3305306624	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0452200	-102.7032300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 11-25H2	3305306623	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0452200	-102.7030500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 12-25H	3305306622	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0452200	-102.7028700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR44	Continental Resources, In	HOLSTEIN FEDERAL 2+13 PAD	HOLSTEIN FEDERAL 13-25H	3305307411	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0481600	-102.7158400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR41	Continental Resources, In	HENDRICKSON 14 HOLSTEIN 15+16 PAD	HOLSTEIN FEDERAL 15-25H1	3305308001	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0430000	-102.7005400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR41	Continental Resources, In	HENDRICKSON 14 HOLSTEIN 15+16 PAD	HOLSTEIN FEDERAL 16-25HSL	3305308000	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0435900	-102.7004300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 3-25H2	3305306449	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0467400	-102.7081400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 4-25H	3305306448	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0467300	-102.7079500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 5-25H1	3305306447	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0467300	-102.7077700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 6-25H	3305306446	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0467300	-102.7075900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 7-25H2	3305306445	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0467300	-102.7074000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 8-25H	3305306626	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0452200	-102.7036000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR43	Continental Resources, In	HOLSTEIN FEDERAL 3-12 CTB	HOLSTEIN FEDERAL 9-25H1	3305306625	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0452200	-102.7034100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR45	Continental Resources, In	HONOLULU 4-6 PAD	HONOLULU 4-15H	3305308883	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 101W	48.0810340	-103.6480960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR45	Continental Resources, In	HONOLULU 4-6 PAD	HONOLULU 5-15H	3305308882	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 101W	48.0809110	-103.6480960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR45	Continental Resources, In	HONOLULU 4-6 PAD	HONOLULU 6-15H	3305308881	N/A	N/A	N/A	N/A	N/A	N/A	S15 TWN 153N RNG 101W	48.0807870	-103.6480960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR46	Continental Resources, In	IMSLAND 4-6 PAD	IMSLAND 4-31H	3302301436	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 160N RNG 95W	48.6343610	-102.9956320	8/2/2018	8/1/2019	N/A	N/A	N/A
NR46	Continental Resources, In	IMSLAND 4-6 PAD	IMSLAND 5-31H1	3302301437	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 160N RNG 95W	48.6343610	-102.9958180	8/2/2018	8/1/2019	N/A	N/A	N/A
NR46	Continental Resources, In	IMSLAND 4-6 PAD	IMSLAND 6-31H	3302301435	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 160N RNG 95W	48.6343610	-102.9956320	8/2/2018	8/1/2019	N/A	N/A	N/A
NR47	Continental Resources, In	JEFFERSON 3-5/8-10 CTB	JEFFERSON 10-17H1	3310504040	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 153N RNG 99W	48.0812700	-103.4432200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR47	Continental Resources, In	JEFFERSON 3-5/8-10 CTB	JEFFERSON 8-17H1	3310504038	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 153N RNG 99W	48.0812700	-103.4435900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR47	Continental Resources, In	JEFFERSON 3-5/8-10 CTB	JEFFERSON 9X-17H	3310504117	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 153N RNG 99W	48.0812100	-103.4434000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	JENSEN 5-8H1	3302502990	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8131100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	JENSEN 6-8H	3302502991	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8132900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	JENSEN 7-8H	3302502992	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8129300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 1-6H	3306103034	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1095000	-102.6824600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 2-6H2	3306103033	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1093900	-102.6823700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 3-6H1	3306103032	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1092800	-102.6822800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 4-6H2	3306103039	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1098200	-102.6820200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 5-6H	3306103038	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1097100	-102.6819200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 6-6H1	3306103037	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1096000	-102.6818500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 7-6H	3306103036	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1094900	-102.6817600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR49	Continental Resources, In	JERSEY 1-8 CTB	JERSEY 8-6H1	3306103035	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1093900	-102.6816700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR50	Continental Resources, In	JERSEY 9-29 CTB	JERSEY FEDERAL 19-6H1	3306103015	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 93W	48.1051700	-102.6798500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR51	Continental Resources, In	JUNEAU 10+11 PAD	JUNEAU 10-2H	3310504094	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 155N RNG 98W	48.2836200	-103.2535000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR51	Continental Resources, In	JUNEAU 10+11 PAD	JUNEAU 11-2H1	3310504093	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 155N RNG 98W	48.2836200	-103.2533100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR52	Continental Resources, In	KELLOGG RANCH 2+3/NORDENG 2+3 PAD	KELLOGG RANCH FEDERAL 2-32H1	3305306200	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 151N RNG 97W	47.9322800	-103.1315200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR52	Continental Resources, In	KELLOGG RANCH 2+3/NORDENG 2+3 PAD	KELLOGG RANCH FEDERAL 3-32H	3305306201	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 151N RNG 97W	47.9322800	-103.1313400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	KENNEDY 5-31H	3305307880	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482300	-103.0169200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	KENNEDY 6-31H2	3305307879	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482300	-103.0167400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	KENNEDY 7-31H	3305307878	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482300	-103.0165600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	KENNEDY 8-31H1	3305307877	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482200	-103.0163800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	KUHN 6-13H1	3305305461	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 152N RNG 100W	47.9911600	-103.4288900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	KUHN 7-13H	3305305462	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 152N RNG 100W	47.9911900	-103.4290700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	KUHN FEDERAL 4-12H1	3305305148	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 152N RNG 100W	47.9943600	-103.4250400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	KUHN FEDERAL 5-12H	3305305149	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 152N RNG 100W	47.9943900	-103.4252100	8/2/2018	8/1/2019	N/A	N/A	N/A

NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	KUKLA 4-16H	3302502668	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4751600	-102.7890500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	KUKLA 5-16H1	3302502669	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4751600	-102.7888700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	KUKLA 6-16H	3302502670	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4751600	-102.7886800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR19	Continental Resources, In	CANDEE 4-8/KUKLA 4-7 CTB	KUKLA 7-16H	3302503041	N/A	N/A	N/A	N/A	N/A	N/A	S9 TWN 146N RNG 95W	47.4748100	-102.7949700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR55	Continental Resources, In	LANSING 5+6 8+9/STEELE 5+6 8+9	LANSING 5-25H1	3305307060	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 152N RNG 99W	47.9617000	-103.2938900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR55	Continental Resources, In	LANSING 5+6 8+9/STEELE 5+6 8+9	LANSING 6-25H	3305307061	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 152N RNG 99W	47.9616900	-103.2937100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR55	Continental Resources, In	LANSING 5+6 8+9/STEELE 5+6 8+9	LANSING 8-25H1	3305307062	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 152N RNG 99W	47.9616800	-103.2935300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR55	Continental Resources, In	LANSING 5+6 8+9/STEELE 5+6 8+9	LANSING 9-25H	3305307063	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 152N RNG 99W	47.9616700	-103.2933400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR56	Continental Resources, In	MARYLAND 2-5 PAD	MARYLAND 2-16H	3310504152	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 100W	48.1621100	-103.5520700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR56	Continental Resources, In	MARYLAND 2-5 PAD	MARYLAND 3-16H	3310504153	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 100W	48.1619900	-103.5520700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR56	Continental Resources, In	MARYLAND 2-5 PAD	MARYLAND 4-16H1	3310504154	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 100W	48.1614400	-103.5520700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR56	Continental Resources, In	MARYLAND 2-5 PAD	MARYLAND 5-16H	3310504155	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 100W	48.1613200	-103.5520700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR57	Continental Resources, In	MCCLINTOCK 8-1H1	MCCLINTOCK 8-1H1	3310504989	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 156N RNG 95W	48.3717620	-102.8347180	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	MELGAARD 2-23H1	3302301244	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9715000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	MELGAARD 3-23H	3302301243	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9716900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR16	Continental Resources, In	BRATLIEN 3-5/MELGAARD 2-4 PAD	MELGAARD 4-23H1	3302301242	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 161N RNG 95W	48.7401000	-102.9723300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	MILES 5-6H	3305307876	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482200	-103.0161900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	MILES 6-6H2	3305307875	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482200	-103.0160100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	MILES 7-6H	3305307874	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482200	-103.0158300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR53	Continental Resources, In	KENNEDY 1+2 5-8/MILES 1+2 5-8 CTB	MILES 8-6H1	3305307873	N/A	N/A	N/A	N/A	N/A	N/A	S31 TWN 151N RNG 96W	47.8482200	-103.0156400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	MITTLESTADT 5-17H1	3302502987	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8142800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	MITTLESTADT 6-17H	3302502988	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8144600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR48	Continental Resources, In	JENSEN 3-7 MITTLESTADT 3-7 CTB	MITTLESTADT 7-17H	3302502989	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 146N RNG 95W	47.4723400	-102.8141000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR58	Continental Resources, In	MONROE 10-13 PAD	MONROE 10-2H1	3305307826	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135900	-103.3082000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR58	Continental Resources, In	MONROE 10-13 PAD	MONROE 11-2H1	3305307825	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135700	-103.3080200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR58	Continental Resources, In	MONROE 10-13 PAD	MONROE 12-2H1	3305307824	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135400	-103.3078400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR58	Continental Resources, In	MONROE 10-13 PAD	MONROE 13-2H1	3305307823	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135200	-103.3076600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR59	Continental Resources, In	MONROE 6-9 PAD	MONROE 6-2H	3305306589	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135700	-103.3125700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR59	Continental Resources, In	MONROE 6-9 PAD	MONROE 7-2H	3305306587	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0136400	-103.3129200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR59	Continental Resources, In	MONROE 6-9 PAD	MONROE 8-2H	3305306590	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0135400	-103.3123900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR59	Continental Resources, In	MONROE 6-9 PAD	MONROE 9-2H	3305306588	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0136100	-103.3127500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	MORRIS 4-23HSL	3302503402	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8885600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	MORRIS 5-23H2	3302503401	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8880200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR28	Continental Resources, In	COLTER 7+8 HAWKINSON 16 MORRIS 4-6 PAD	MORRIS 6-23H	3302503400	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 147N RNG 96W	47.5444800	-102.8878400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	MORRIS 7-26H2	3302503525	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5259490	-102.8733770	8/2/2018	8/1/2019	N/A	N/A	N/A
NR20	Continental Resources, In	CARSON PEAK 4-8 MORRIS 7-8 CTB	MORRIS 8-26H1	3302503518	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 147N RNG 96W	47.5259400	-102.8731950	8/2/2018	8/1/2019	N/A	N/A	N/A
NR60	Continental Resources, In	MOUNTAIN GAP 7-10 PAD	MOUNTAIN GAP 10-10H	3302503239	N/A	N/A	N/A	N/A	N/A	N/A	S3 TWN 146N RNG 96W	47.4893200	-102.9059600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 11-10H1	3302503303	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8937000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 12-10H	3302503302	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8935200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 2-10H1	3302503297	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8947900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 3-10H	3302503298	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8946100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 4-10H2	3302503299	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8944300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 5-10H	3302503300	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8942400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR61	Continental Resources, In	MOUNTAIN GAP 2-6 11+12 CSL	MOUNTAIN GAP 6-10H1	3302503301	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871300	-102.8938800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR60	Continental Resources, In	MOUNTAIN GAP 7-10 PAD	MOUNTAIN GAP 7-10H	3302503236	N/A	N/A	N/A	N/A	N/A	N/A	S3 TWN 146N RNG 96W	47.4891700	-102.9064600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR60	Continental Resources, In	MOUNTAIN GAP 7-10 PAD	MOUNTAIN GAP 8-10H1	3302503237	N/A	N/A	N/A	N/A	N/A	N/A	S3 TWN 146N RNG 96W	47.4892200	-102.9062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR60	Continental Resources, In	MOUNTAIN GAP 7-10 PAD	MOUNTAIN GAP 9-10H2	3302503238	N/A	N/A	N/A	N/A	N/A	N/A	S3 TWN 146N RNG 96W	47.4892700	-102.9061300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR62	Continental Resources, In	NASHVILLE 2-5 PAD	NASHVILLE 2-21H	3310504070	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 100W	48.1448300	-103.5510900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR62	Continental Resources, In	NASHVILLE 2-5 PAD	NASHVILLE 3-21H	3310504071	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 100W	48.1447000	-103.5510900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR62	Continental Resources, In	NASHVILLE 2-5 PAD	NASHVILLE 4-21H1	3310504170	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 100W	48.1441600	-103.5510800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR62	Continental Resources, In	NASHVILLE 2-5 PAD	NASHVILLE 5-21H	3310504169	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 100W	48.1440300	-103.5510800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR63	Continental Resources, In	NORFOLK 8-11 PAD	NORFOLK 10-1H1	3305307283	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 151N RNG 99W	47.9330800	-103.2940400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR63	Continental Resources, In	NORFOLK 8-11 PAD	NORFOLK 11-1H	3305307282	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 151N RNG 99W	47.9330800	-103.2939100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR63	Continental Resources, In	NORFOLK 8-11 PAD	NORFOLK 8-1H1	3305307285	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 151N RNG 99W	47.9330800	-103.2943000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR63	Continental Resources, In	NORFOLK 8-11 PAD	NORFOLK 9-1H	3305307284	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 151N RNG 99W	47.9330800	-103.2941700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 2-5H2	3305308077	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8464400	-102.9908300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 3-5H	3305308076	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8464400	-102.9906500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 4-5H1	3305308075	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8464400	-102.9904700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 5-5H	3305308074	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8464400	-102.9902800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 6-5H2	3305308258	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8462500	-102.9882900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 7-5H1	3305308257	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8462500	-102.9881100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 8-5H	3305308256	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8462500	-102.9879200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR64	Continental Resources, In	NORWAY 2-9 CTB	NORWAY 9-5H2	3305308255	N/A	N/A	N/A	N/A	N/A	N/A	S5 TWN 150N RNG 96W	47.8462500	-102.9877400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	OAKDALE 10-13H1	3302503180	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8570600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	OAKDALE 6-13H1	3302503173	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4594400	-102.8583400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	OAKDALE 7-13H	3302503174	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8581500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	OAKDALE 8-13H2	3302503177	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8578100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	OAKDALE 9-13H	3302503179	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8572400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR22	Continental Resources, In	CHARLESTON 4+5/OLYMPIA 4+5 PAD	OLYMPIA 4-27H1	3310503897	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 155N RNG 98W	48.2276600	-103.2675500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR22	Continental Resources, In	CHARLESTON 4+5/OLYMPIA 4+5 PAD	OLYMPIA 5-27H	3310503896	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 155N RNG 98W	48.2276600	-103.2673700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR66	Continental Resources, In	OMLID 9+10 PAD	OMLID 10-19HSL	3305308132	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1353200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 2-19H	3305307968	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1402400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 3-19H1	3305307967	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1400600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 4-19H	3305307966	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748500	-103.1398700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 5-19H2	3305307965	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748500	-103.1396900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 6-19H	3305308053	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748500	-103.1398300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 7-19H1	3305308055	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1358700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	OMLID 8-19H	3305308054	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1356800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR66	Continental Resources, In	OMLID 9+10 PAD	OMLID 9-19HSL2	3305308131	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1355000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR68	Continental Resources, In	PASADENA 2+3 MONROE 2+3 PAD	PASADENA 2-2H	3305304389	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0140300	-103.3218600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR68	Continental Resources, In	PASADENA 2+3 MONROE 2+3 PAD	PASADENA 3-2H1	3305304390	N/A	N/A	N/A	N/A	N/A	N/A	S2 TWN 152N RNG 99W	48.0140200	-103.3214900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 4-11HSL	3305308412	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9942320	-103.3224640	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 5-11HSL1	3305308413	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9942110	-103.3222830	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 6-11H1	3305308383	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9941900	-103.3221020	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 7X-11H	3305308474	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9941580	-103.3218310	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 8X-11H1	3305308475	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9941370	-103.3216500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR69	Continental Resources, In	PASADENA 4-9 PAD	PASADENA 9X-11H	3305308476	N/A	N/A	N/A	N/A	N/A	N/A	S11 TWN 152N RNG 99W	47.9941150	-103.3214690	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	PATTERSON FEDERAL 4-13H1	3305305146	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 152N RNG 100W	47.9942800	-103.4246900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	PATTERSON FEDERAL 5-13H	3305305147	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 152N RNG 100W	47.9943200	-103.4248600	8/2/2018	8/1/2019	N/A	N/A	N/A

NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	PATTERSON FEDERAL 6-13H	3305306627	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 152N RNG 100W	47.9912000	-103.4291100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR54	Continental Resources, In	KUHN 6+7/PATTERSON 6+7 CSL	PATTERSON FEDERAL 7-13H1	3305305460	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 152N RNG 100W	47.9910500	-103.4283000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 2-29HSL	3310504674	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4473960	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 3-29H1	3310504675	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4472110	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 4-29H	3310504676	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4470260	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 5-29H1	3310504677	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4468410	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 6-29H	3310504678	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4466560	8/2/2018	8/1/2019	N/A	N/A	N/A
NR70	Continental Resources, In	PETERSON 2-7 PAD	PETERSON 7-29H1	3310504679	N/A	N/A	N/A	N/A	N/A	N/A	S29 TWN 156N RNG 99W	48.3123910	-103.4464710	8/2/2018	8/1/2019	N/A	N/A	N/A
NR71	Continental Resources, In	PITTSBURGH 3 UHLMAN 2+3 PAD	PITTSBURGH 3-7H	3305306822	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 152N RNG 99W	47.9939500	-103.3925100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	PLETAN 5-18H2	3302502777	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8346600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	PLETAN 6-18H1	3302502778	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8344700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR31	Continental Resources, In	PLETAN 5-7 DVIRNAK 4-9 CTB	PLETAN 7-18H	3302502779	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 95W	47.4772100	-102.8342900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 10-25H1	3310504926	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127870	-103.4785520	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 11-25HSL	3310504927	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127870	-103.4783670	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 6-25H1	3310504922	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127860	-103.4792920	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 7-25H	3310504923	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127860	-103.4791070	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 8-25H1	3310504924	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127870	-103.4789220	8/2/2018	8/1/2019	N/A	N/A	N/A
NR72	Continental Resources, In	PUTNAM 6-11 PAD	PUTNAM 9-25H	3310504925	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 156N RNG 100W	48.3127870	-103.4787370	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 10-24H	3310504819	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527400	-103.4876050	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 11-24H1	3310504818	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527410	-103.4874200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR26	Continental Resources, In	COLLISON 9-13 RADER 4 PAD	RADER 4-24HSL1	3310504858	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1521710	-103.4943410	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 5-24H1	3310504824	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527360	-103.4885260	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 6-24H	3310504823	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527370	-103.4883420	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 7-24H1	3310504822	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527380	-103.4881580	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 8-24H	3310504821	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527390	-103.4879730	8/2/2018	8/1/2019	N/A	N/A	N/A
NR73	Continental Resources, In	RADER 1 5-11 CTB	RADER 9-24H1	3310504820	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 154N RNG 100W	48.1527390	-103.4877890	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 10-22HSL1	3305308176	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9497900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 11-22H2	3305308251	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773700	-102.9542000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 12-22H	3305308252	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773700	-102.9540200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 13-22H	3305308253	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773700	-102.9538300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 14-22H2	3305308254	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773600	-102.9536500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR75	Continental Resources, In	RADERMECHER 2-4 PAD	RADERMECHER 2-22H1	3305306133	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773800	-102.9477700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR75	Continental Resources, In	RADERMECHER 2-4 PAD	RADERMECHER 3-22H	3305306132	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8773800	-102.9475900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR75	Continental Resources, In	RADERMECHER 2-4 PAD	RADERMECHER 4-22H2	3305306134	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8774119	-102.9473575	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 5-22H	3305308171	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9507000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 6-22H1	3305308172	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9505200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 7-22H2	3305308173	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9503400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 8-22H	3305308174	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9501500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR74	Continental Resources, In	RADERMECHER 5-14 CTB	RADERMECHER 9-22HSL	3305308175	N/A	N/A	N/A	N/A	N/A	N/A	S22 TWN 151N RNG 96W	47.8775000	-102.9497700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 2-30H	3305307971	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1414200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 3-30H1	3305307970	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1412400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 4-30H	3305307969	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1410500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 5-30H2	3305308052	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8748600	-103.1407500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 6-30H1	3305308059	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1366000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 7-30H	3305308058	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1364200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 8-30HSL2	3305308057	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1362300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR67	Continental Resources, In	OMLID 2-8 RANSOM 2-9 CTB	RANSOM 9-30HSL	3305308056	N/A	N/A	N/A	N/A	N/A	N/A	S30 TWN 151N RNG 97W	47.8755300	-103.1360500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 11-22H	3306103786	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0602600	-102.6062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 12-22H2	3306103787	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0602000	-102.6056700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 13-22H	3306103788	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0601400	-102.6062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 5-22H	3306103780	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0606300	-102.6062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 6-22H1	3306103781	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0605700	-102.6056700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 7-22H	3306103782	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0605100	-102.6062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 8-22H2	3306103783	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0604500	-102.6056700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR76	Continental Resources, In	RATH FEDERAL 5-13 PAD	RATH FEDERAL 9-22H	3306103784	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 153N RNG 93W	48.0603900	-102.6062900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 10-1H1	3305308244	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8464900	-103.0408400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 11-1H	3305308245	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8464300	-103.0406800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 12-1H2	3305308246	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8463700	-103.0405200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR78	Continental Resources, In	RAVIN 2 3 GROUP	RAVIN 3-1HSL1	3305308523	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8469000	-103.0426200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 4-1H	3305308238	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8468400	-103.0424600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 5-1H2	3305308239	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8467800	-103.0423000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 6-1H1	3305308240	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8467200	-103.0421400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 7-1H	3305308241	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8466700	-103.0413200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 8-1H2	3305308242	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8466100	-103.0411600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR77	Continental Resources, In	RAVIN CTB	RAVIN 9-1H	3305308243	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8465500	-103.0410000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR78	Continental Resources, In	RAVIN 2 3 GROUP	RAVIN FEDERAL 2-1HSL	3305308522	N/A	N/A	N/A	N/A	N/A	N/A	S1 TWN 150N RNG 97W	47.8469000	-103.0426200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR1	Continental Resources, In	ADDYSON 2-5/RICHMOND 2-5 CTB	RICHMOND 4-26H1	3310504043	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 155N RNG 98W	48.2275200	-103.2458700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR1	Continental Resources, In	ADDYSON 2-5/RICHMOND 2-5 CTB	RICHMOND 5-26H	3310504044	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 155N RNG 98W	48.2275200	-103.2456800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	ROLF 3-17H1	3310504735	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545900	-103.3150500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	ROLF 4-17H	3310504734	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545900	-103.3148600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	ROLF 5-17H1	3310504733	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545900	-103.3146800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	ROLF 6-17H1	3310504732	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545900	-103.3145000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR79	Continental Resources, In	ROSENQUICST 7 VATNE 7 PAD	ROSENQUIST 7-24H	3302301428	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 160N RNG 96W	48.6632710	-103.0163200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	RYDEN 5-24H1	3302503175	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4594400	-102.8579700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	RYDEN 6-24H	3302503176	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8577900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	RYDEN 7-24H2	3302503178	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8574300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	RYDEN 8-24H	3302503181	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8568800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR65	Continental Resources, In	OAKDALE 2-10/RYDEN 2-9 CTB	RYDEN 9-24H1	3302503182	N/A	N/A	N/A	N/A	N/A	N/A	S13 TWN 146N RNG 96W	47.4599400	-102.8567000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 1-19H2	3305308003	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0428700	-102.7002300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 10-19H	3305307820	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0432700	-102.6996500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 11-19H1	3305307831	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0425500	-102.6994500	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 12-19H	3305307821	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0432100	-102.6994900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 13-19H2	3305307832	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0424800	-102.6992900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 14-19H	3305307822	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0431400	-102.6993300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 2-19H	3305307816	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0435300	-102.7002700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 3-19H1	3305307827	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0428000	-102.7000700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 4-19H	3305307817	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0434700	-102.7001200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 5-19H2	3305307828	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0427400	-102.6999200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 6-19H	3305307818	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0434000	-102.6999600	8/2/2018	8/1/2019	N/A	N/A	N/A

NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 7-19H1	3305307829	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0426800	-102.6997600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 8-19H	3305307819	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0433400	-102.6998000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR80	Continental Resources, In	SAKAKAWEA 1-14 CTB	SAKAKAWEA FEDERAL 9-19H2	3305307830	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 153N RNG 94W	48.0426100	-102.6996000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR81	Continental Resources, In	SALERS FEDERAL 4+5 PAD	SALERS FEDERAL 4-27H1	3305305919	N/A	N/A	N/A	N/A	N/A	N/A	S27 TWN 152N RNG 94W	47.9627200	-102.6973700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR81	Continental Resources, In	SALERS FEDERAL 4+5 PAD	SALERS FEDERAL 5-27H	3305305918	N/A	N/A	N/A	N/A	N/A	N/A	S27 TWN 152N RNG 94W	47.9627200	-102.6975600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR82	Continental Resources, In	SORENSON 10+11 PAD	SORENSON 10-16H1	3306104273	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1672690	-102.7832230	8/2/2018	8/1/2019	N/A	N/A	N/A
NR82	Continental Resources, In	SORENSON 10+11 PAD	SORENSON 11-16H	3306104274	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1672690	-102.7830390	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 3-16H	3306103570	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670700	-102.7768300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 4-16H1	3306103569	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670600	-102.7760100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 5-16H	3306103568	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670600	-102.7758200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 7-16H2	3306103567	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670600	-102.7756400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 8-16H	3306103566	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670600	-102.7754600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR83	Continental Resources, In	SORENSON 3-5 SORENSON 7-9 PAD	SORENSON 9-16H1	3306103565	N/A	N/A	N/A	N/A	N/A	N/A	S16 TWN 154N RNG 94W	48.1670600	-102.7752700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	SPRINGFIELD 2-8HSL	3310504731	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2546000	-103.3199320	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	SPRINGFIELD 3-8H1	3310504730	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2546000	-103.3197470	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	SPRINGFIELD 4-8H	3310504729	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545990	-103.3195620	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	SPRINGFIELD 5-8H1	3310504728	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545990	-103.3193780	8/2/2018	8/1/2019	N/A	N/A	N/A
NR39	Continental Resources, In	ROLF 3-6 SPRINGFIELD 3-6 CTB & HELENA 8/SPRINGFIELD 2 CSL	SPRINGFIELD 6-8H1	3310504727	N/A	N/A	N/A	N/A	N/A	N/A	S17 TWN 155N RNG 98W	48.2545990	-103.3191930	8/2/2018	8/1/2019	N/A	N/A	N/A
NR37	Continental Resources, In	HAYES 4+5/STANGELAND 4+5 PAD	STANGELAND 4-7H1	3310503846	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0975400	-103.4641400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR37	Continental Resources, In	HAYES 4+5/STANGELAND 4+5 PAD	STANGELAND 5-7H	3310503847	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0975400	-103.4639600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR84	Continental Resources, In	HAYES 2+3 STANGELAND 2+3/8+9 PAD	STANGELAND 8-7H	3310504084	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0973900	-103.4708000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR84	Continental Resources, In	HAYES 2+3 STANGELAND 2+3/8+9 PAD	STANGELAND 9-7H1	3310504085	N/A	N/A	N/A	N/A	N/A	N/A	S6 TWN 153N RNG 99W	48.0973900	-103.4706200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 10-36H2	3302503189	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5158100	-102.8550600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 11-36H	3302503190	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5158100	-102.8548800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 5-36H1	3302502802	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8604100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 6-36H	3302502803	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8602300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 7-36H2	3302502804	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8600400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 8-36H1	3302503183	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8598200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR14	Continental Resources, In	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	STATE WEYDAHL 9-36H	3302503184	N/A	N/A	N/A	N/A	N/A	N/A	S36 TWN 147N RNG 96W	47.5157500	-102.8596400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR85	Continental Resources, In	STEVE 1-34H	STEVE 1-34H	3301301864	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 162N RNG 94W	48.8089690	-102.8590270	8/2/2018	8/1/2019	N/A	N/A	N/A
NR24	Continental Resources, In	CHICAGO 5+6/SYRACUSE 5+6	SYRACUSE 5-23H	3305306528	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9629400	-103.3136600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR24	Continental Resources, In	CHICAGO 5+6/SYRACUSE 5+6	SYRACUSE 6-23H1	3305306530	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9629400	-103.3140200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR25	Continental Resources, In	CHICAGO 7/SYRACUSE 7	SYRACUSE 7-23H	3305306538	N/A	N/A	N/A	N/A	N/A	N/A	S26 TWN 152N RNG 99W	47.9630400	-103.3235100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR86	Continental Resources, In	SYVERSON 2-4 PAD	SYVERSON 2-12H	3310503005	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 156N RNG 100W	48.3432260	-103.4914750	8/2/2018	8/1/2019	N/A	N/A	N/A
NR86	Continental Resources, In	SYVERSON 2-4 PAD	SYVERSON 3-12H1	3310503006	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 156N RNG 100W	48.3432260	-103.4912900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR86	Continental Resources, In	SYVERSON 2-4 PAD	SYVERSON 4-12H	3310504965	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 156N RNG 100W	48.3432270	-103.4911050	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 1-19H	3305307542	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0536700	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 10-19H1	3305307553	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0607600	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 11-19H	3305307554	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0608800	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 12-19H2	3305307555	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0610000	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 13-19H	3305307556	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0611300	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 2-19H1	3305307543	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0538000	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 3-19H	3305307544	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0539200	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 4-19H2	3305307545	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0540400	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 5-19H	3305307546	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0541700	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 6-19H1	3305307547	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0542900	-102.8264300	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 7-19H	3305307550	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0603900	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 8-19H2	3305307551	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0605100	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR87	Continental Resources, In	TARENTAISE FEDERAL 1-13 CTB	TARENTAISE FEDERAL 9-19H	3305307552	N/A	N/A	N/A	N/A	N/A	N/A	S19 TWN 153N RNG 94W	48.0606300	-102.8264900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR88	Continental Resources, In	TERESA D 1-10H	TERESA D 1-10H	3302301427	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 162N RNG 96W	48.8661700	-103.1241700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR30	Continental Resources, In	CUSKELLY 3-4 THORVALD 3-4	THORVALD 3-6H	3302502700	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 96W	47.4866700	-102.9600900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR30	Continental Resources, In	CUSKELLY 3-4 THORVALD 3-4	THORVALD 4-6H1	3302502703	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 146N RNG 96W	47.4866700	-102.9599100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR89	Continental Resources, In	SORENSON 6/THRONSON FEDERAL 4-9 PAD	THRONSON FEDERAL 4-21H1	3306104006	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 94W	48.1530800	-102.7807600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR89	Continental Resources, In	SORENSON 6/THRONSON FEDERAL 4-9 PAD	THRONSON FEDERAL 5-21H	3306104005	N/A	N/A	N/A	N/A	N/A	N/A	S21 TWN 154N RNG 94W	48.1530800	-102.7805700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR90	Continental Resources, In	TOPEKA 4+5 CSL	TOPEKA 10-12H	3310504095	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 155N RNG 98W	48.2562500	-103.2217700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR90	Continental Resources, In	TOPEKA 4+5 CSL	TOPEKA 9-12H1	3310504096	N/A	N/A	N/A	N/A	N/A	N/A	S12 TWN 155N RNG 98W	48.2562500	-103.2219600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR71	Continental Resources, In	PITTSBURGH 3 UHLMAN 2+3 PAD	UHLMAN FEDERAL 2-7H1	3305306821	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 152N RNG 99W	47.9938300	-103.3925600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR71	Continental Resources, In	PITTSBURGH 3 UHLMAN 2+3 PAD	UHLMAN FEDERAL 3-7H	3305306820	N/A	N/A	N/A	N/A	N/A	N/A	S7 TWN 152N RNG 99W	47.9940700	-103.3924700	8/2/2018	8/1/2019	N/A	N/A	N/A
NR91	Continental Resources, In	VARDON 2-5 PAD CSL	VARDON 2-14H	3305307885	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 150N RNG 97W	47.8174100	-103.0571100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR91	Continental Resources, In	VARDON 2-5 PAD CSL	VARDON 3-14H2	3305307884	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 150N RNG 97W	47.8174100	-103.0569200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR91	Continental Resources, In	VARDON 2-5 PAD CSL	VARDON 4-14H	3305307883	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 150N RNG 97W	47.8174100	-103.0567400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR91	Continental Resources, In	VARDON 2-5 PAD CSL	VARDON 5-14H1	3305307882	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 150N RNG 97W	47.8174100	-103.0565600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR79	Continental Resources, In	ROSENQUICST 7 VATNE 7 PAD	VATNE 7-25H	3302301429	N/A	N/A	N/A	N/A	N/A	N/A	S24 TWN 160N RNG 96W	48.6631480	-103.0163200	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 10-25H	3305307835	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0391800	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 11-25H2	3305307834	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0389900	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 12-25H	3305307833	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0388100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 4-25H2	3305306005	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7876100	-103.0326400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 5-25H	3305306006	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7876100	-103.0324600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 6-25H1	3305306682	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7876100	-103.0322000	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 7-25H	3305306681	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7876100	-103.0320100	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 8-25H	3305307837	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0395400	8/2/2018	8/1/2019	N/A	N/A	N/A
NR9	Continental Resources, In	BAILEY 4-12/WILEY 4-12 CTB	WILEY 9-25H2	3305307836	N/A	N/A	N/A	N/A	N/A	N/A	S25 TWN 150N RNG 97W	47.7862600	-103.0393600	8/2/2018	8/1/2019	N/A	N/A	N/A
NR92	Continental Resources, In	BRIDGER 44-14H	Bridger 44-14H	3302500731	N/A	N/A	N/A	N/A	N/A	N/A	S14 TWN 146N RNG 96W	47.459785	-102.868193	8/2/2018	8/1/2019	N/A	N/A	N/A
NR93	Continental Resources, In	HAWKINSON 2+3/WHITMAN 2+3 PAD	Whitman 3-34H	3302501261	N/A	N/A	N/A	N/A	N/A	N/A	S34 TWN 147N RNG 96W	47.5160092	-102.8936708	8/2/2018	8/1/2019	N/A	N/A	N/A
NR94	Continental Resources, In	MOUNTAIN GAP 31-10H	Mountain Gap 31-10H	3302500734	N/A	N/A	N/A	N/A	N/A	N/A	S10 TWN 146N RNG 96W	47.4871133	-102.8940446	8/2/2018	8/1/2019	N/A	N/A	N/A
NR95	Continental Resources, In	CARUS 13-28H	Carus 13-28H	3302500632	N/A	N/A	N/A	N/A	N/A	N/A	S28 TWN 147N RNG 96W	47.517792	-102.922403	8/2/2018	8/1/2019	N/A	N/A	N/A
NR12	Continental Resources, In	BONNEVILLE 4-6/BRIDGER 4-11 CTB	BRIDGER 4-14H2	3302502679	N/A	N/A	N/A	N/A	N/A	N/A	S23 TWN 146N RNG 96W	47.4573	-102.876	8/2/2018	8/1/2019	N/A	N/A	N/A

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each well affected facility, an owner or operator must include the information specified in paragraphs (b)(2)(i) through (iii) of this section in all annual reports:

Facility Record No.	United States Well Number [60.5420a(b)(1)(ii)]	Records of deviations where well completion operations with hydraulic fracturing were not performed in compliance with the requirements specified in 60.5375a [60.5420a(b)(2)(ii) and 60.5420a(c)(1)(ii)]	§60.5432a Low Pressure Wells: Please provide the file name that contains the records of determination and supporting inputs and calculations [60.5420a(b)(2)(iii) and 60.5420a(c)(1)(vi)]	All Well Completions: Well Completion ID [60.5420a(b)(2)(i) and 60.5420a(c)(1)(i)]	Well Affected Facilities Required to Comply with §60.5375a(a) and §60.5375a(f): Well Location [60.5420a(b)(2)(i) and 60.5420a(c)(1)(ii)(B)]	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing	Date of Each Attempt to Direct Flowback to a Separator	Time of Each Attempt to Direct Flowback to a Separator	Date of Each Occurrence of Returning to the Initial Flowback Stage	Time of Each Occurrence of Returning to the Initial Flowback Stage	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production	Duration of Flowback in Hours	Duration of Recovery in Hours (Not Required for Wells Complying with 60.5375a(f))	Disposition of Recovery	Duration of Combustion in Hours	Duration of Venting in Hours	Reason for Venting in lieu of Capture or Combustion
NR74	3305308172	N/A	N/A	RADERMECHER 6-22H1	47.8775000,-102.9585200	7/29/2018	11:45:00 AM	7/29/2018	11:45:00 AM	N/A	N/A	8/2/2018	9:00:00 PM	105.25	0	N/A	105.25	0	N/A
NR67	3305307966	N/A	N/A	OMLID 4-19H	47.8748500,-103.1398700	7/31/2018	6:00:00 AM	7/31/2018	6:00:00 AM	N/A	N/A	8/3/2018	6:00:00 AM	72.00	0	N/A	72.00	0	N/A
NR80	3305307863	N/A	N/A	SAKAKAWEA FEDERAL 1-19H	48.0438700,-102.7083300	7/31/2018	1:45:00 PM	7/31/2018	1:45:00 PM	N/A	N/A	8/2/2018	10:00:00 AM	44.25	0	N/A	44.25	0	N/A
NR80	3305307837	N/A	N/A	SAKAKAWEA FEDERAL 3-19H1	48.0432000,-102.7083700	8/1/2018	1:45:00 PM	8/1/2018	1:45:00 PM	N/A	N/A	8/3/2018	6:15:00 AM	40.50	0	N/A	40.50	0	N/A
NR74	3305308171	N/A	N/A	RADERMECHER 5-22H	47.8775000,-102.9587000	8/1/2018	6:30:00 AM	8/1/2018	6:30:00 AM	N/A	N/A	8/3/2018	2:30:00 AM	44.00	0	N/A	44.00	0	N/A
NR67	3305307965	N/A	N/A	OMLID 5-19H2	47.8748500,-103.1396900	8/1/2018	3:00:00 PM	8/1/2018	3:00:00 PM	N/A	N/A	8/3/2018	10:45:00 AM	43.75	0	N/A	43.75	0	N/A
NR54	3305308075	N/A	N/A	NORWAY 6-5H1	47.8464800,-102.9949700	8/1/2018	11:00:00 PM	8/1/2018	11:00:00 PM	N/A	N/A	8/2/2018	3:00:00 PM	16.00	0	N/A	16.00	0	N/A
NR80	3305307828	N/A	N/A	SAKAKAWEA FEDERAL 5-19H2	48.0427400,-102.6993200	8/2/2018	12:00:00 AM	8/2/2018	12:00:00 AM	N/A	N/A	8/3/2018	6:15:00 AM	30.25	0	N/A	30.25	0	N/A
NR67	3305308053	N/A	N/A	OMLID 6-19H	47.8748500,-103.1398300	8/2/2018	1:45:00 AM	8/2/2018	1:45:00 AM	N/A	N/A	8/3/2018	10:00:00 PM	44.25	0	N/A	44.25	0	N/A
NR80	3305307829	N/A	N/A	SAKAKAWEA FEDERAL 7-19H1	48.0426200,-102.6997600	8/3/2018	2:15:00 PM	8/3/2018	2:15:00 PM	N/A	N/A	8/7/2018	8:30:00 AM	90.25	0	N/A	90.25	0	N/A
NR75	3305308132	N/A	N/A	RADERMECHER 3-22H	47.8773500,-102.9473500	8/4/2018	3:00:00 PM	8/4/2018	3:00:00 PM	N/A	N/A	8/6/2018	5:30:00 AM	38.50	0	N/A	38.50	0	N/A
NR82	3305301427	N/A	N/A	TERESA D 1-18H	48.8861700,-103.1241700	8/5/2018	6:45:00 AM	8/5/2018	6:45:00 AM	N/A	N/A	8/7/2018	12:45:00 PM	54.00	0	N/A	54.00	0	N/A
NR80	3305307830	N/A	N/A	SAKAKAWEA FEDERAL 9-19H2	48.0426100,-102.6995000	8/7/2018	7:45:00 PM	8/7/2018	7:45:00 PM	N/A	N/A	8/9/2018	6:00:00 PM	46.25	0	N/A	46.25	0	N/A
NR31	3305302777	N/A	N/A	FLETAM 3-15H2	47.4772100,-102.8346600	8/9/2018	9:30:00 PM	8/9/2018	9:30:00 PM	N/A	N/A	8/12/2018	10:30:00 AM	61.00	0	N/A	61.00	0	N/A
NR68	3305304289	N/A	N/A	PASADENA 2-3H	48.0148300,-103.3378600	8/10/2018	7:48:00 AM	8/10/2018	7:48:00 AM	N/A	N/A	8/12/2018	6:08:00 AM	46.33	0	N/A	46.33	0	N/A
NR80	3305307831	N/A	N/A	SAKAKAWEA FEDERAL 11-19H1	48.0425500,-102.6994500	8/12/2018	7:00:00 PM	8/12/2018	7:00:00 PM	N/A	N/A	8/14/2018	6:00:00 AM	35.00	0	N/A	35.00	0	N/A
NR31	3305302778	N/A	N/A	FLETAM 6-15H1	47.4772100,-102.8344700	8/14/2018	12:30:00 AM	8/14/2018	12:30:00 AM	N/A	N/A	8/16/2018	1:30:00 AM	49.00	0	N/A	49.00	0	N/A
NR83	3301301864	N/A	N/A	STEVE 1-34H	48.8509490,-103.8590270	8/14/2018	8:49:00 AM	8/14/2018	8:49:00 AM	N/A	N/A	8/15/2018	2:30:00 PM	29.68	0	N/A	29.68	0	N/A
NR68	3305304290	N/A	N/A	PASADENA 3-3H1	48.0148700,-103.3714900	8/14/2018	6:38:00 PM	8/14/2018	6:38:00 PM	N/A	N/A	8/16/2018	6:48:00 AM	36.20	0	N/A	36.20	0	N/A
NR80	3305307832	N/A	N/A	SAKAKAWEA FEDERAL 12-19H2	48.0424800,-102.6993500	8/16/2018	2:08:00 AM	8/16/2018	2:08:00 AM	N/A	N/A	8/18/2018	10:45:00 AM	56.62	0	N/A	56.62	0	N/A
NR31	3305302779	N/A	N/A	FLETAM 7-15H	47.4772100,-102.8342900	8/16/2018	3:00:00 PM	8/16/2018	3:00:00 PM	N/A	N/A	8/18/2018	9:00:00 AM	42.00	0	N/A	42.00	0	N/A
NR79	3307301418	N/A	N/A	ROSENQUIST 7-34H	48.6631710,-103.0181700	8/17/2018	7:30:00 AM	8/17/2018	7:30:00 AM	N/A	N/A	8/19/2018	8:45:00 AM	49.25	0	N/A	49.25	0	N/A
NR69	3305308412	N/A	N/A	PASADENA 5-11HSL1	47.9942110,-103.3333830	8/18/2018	1:36:00 AM	8/18/2018	1:36:00 AM	N/A	N/A	8/21/2018	12:30:00 AM	70.90	0	N/A	70.90	0	N/A
NR80	3305307834	N/A	N/A	SAKAKAWEA FEDERAL 14-19H	48.0421400,-102.6993300	8/19/2018	12:30:00 PM	8/19/2018	12:30:00 PM	N/A	N/A	8/22/2018	2:07:00 AM	62.82	0	N/A	62.82	0	N/A
NR79	3307301419	N/A	N/A	WATNE 7-35H	48.6631400,-103.0181700	8/19/2018	5:00:00 PM	8/19/2018	5:00:00 PM	N/A	N/A	8/21/2018	10:15:00 PM	53.25	0	N/A	53.25	0	N/A
NR69	3305302483	N/A	N/A	PASADENA 6-11H1	47.9941900,-103.3321020	8/21/2018	6:36:00 PM	8/21/2018	6:36:00 PM	N/A	N/A	8/25/2018	9:00:00 AM	86.40	0	N/A	86.40	0	N/A
NR38	3316504082	N/A	N/A	HAYES 6-8H1	48.0973500,-103.4576400	8/23/2018	6:15:00 AM	8/23/2018	6:15:00 AM	N/A	N/A	8/24/2018	9:30:00 AM	27.25	0	N/A	27.25	0	N/A
NR80	3305307821	N/A	N/A	SAKAKAWEA FEDERAL 13-19H	48.0432100,-102.6994900	8/23/2018	6:30:00 AM	8/23/2018	6:30:00 AM	N/A	N/A	8/24/2018	5:00:00 PM	34.50	0	N/A	34.50	0	N/A
NR80	3305307838	N/A	N/A	SAKAKAWEA FEDERAL 10-19H	48.0432700,-102.6995500	8/24/2018	11:00:00 PM	8/24/2018	11:00:00 PM	N/A	N/A	8/26/2018	1:45:00 PM	38.75	0	N/A	38.75	0	N/A
NR37	3316503844	N/A	N/A	HAYES 4-8H	48.0975400,-103.4651500	8/25/2018	12:00:00 PM	8/25/2018	12:00:00 PM	N/A	N/A	8/27/2018	4:00:00 AM	40.00	0	N/A	40.00	0	N/A
NR14	3302503186	N/A	N/A	BRANDVIK 9-15H	47.5158100,-102.8556100	8/25/2018	12:24:00 PM	8/25/2018	12:24:00 PM	N/A	N/A	8/27/2018	6:00:00 AM	41.60	0	N/A	41.60	0	N/A
NR80	3305307819	N/A	N/A	SAKAKAWEA FEDERAL 8-19H	48.0433400,-102.6995000	8/27/2018	6:00:00 AM	8/27/2018	6:00:00 AM	N/A	N/A	8/29/2018	1:00:00 AM	43.00	0	N/A	43.00	0	N/A
NR14	3302503187	N/A	N/A	BRANDVIK 10-15H2	47.5158100,-102.8554300	8/27/2018	2:30:00 PM	8/27/2018	2:30:00 PM	N/A	N/A	8/29/2018	1:45:00 PM	47.25	0	N/A	47.25	0	N/A
NR69	3305308413	N/A	N/A	PASADENA 4-11HSL	47.9942330,-103.3324640	8/28/2018	10:15:00 AM	8/28/2018	10:15:00 AM	N/A	N/A	8/31/2018	10:00:00 AM	71.75	0	N/A	71.75	0	N/A
NR5	3310504707	N/A	N/A	ANDERSON 5X-4H1	48.0235900,-103.4825400	8/28/2018	3:30:00 PM	8/28/2018	3:30:00 PM	N/A	N/A	8/31/2018	4:30:00 AM	61.00	0	N/A	61.00	0	N/A
NR14	3302503182	N/A	N/A	BRANDVIK 11-15H	47.5150100,-102.8552500	8/30/2018	5:15:00 AM	8/30/2018	5:15:00 AM	N/A	N/A	8/31/2018	3:45:00 PM	34.50	0	N/A	34.50	0	N/A
NR80	3305307818	N/A	N/A	SAKAKAWEA FEDERAL 6-19H	48.0424000,-102.6999600	8/30/2018	11:00:00 AM	8/30/2018	11:00:00 AM	N/A	N/A	9/1/2018	2:30:00 AM	39.50	0	N/A	39.50	0	N/A
NR5	3310504709	N/A	N/A	ANDERSON 5X-4H	48.0235900,-103.4826500	8/31/2018	1:30:00 PM	8/31/2018	1:30:00 PM	N/A	N/A	9/2/2018	3:30:00 PM	50.00	0	N/A	50.00	0	N/A
NR14	3302503189	N/A	N/A	STATE WEYDAHL 10-26H2	47.5150100,-102.8550600	9/1/2018	12:30:00 PM	9/1/2018	12:30:00 PM	N/A	N/A	9/2/2018	7:45:00 PM	31.25	0	N/A	31.25	0	N/A
NR80	3305307817	N/A	N/A	SAKAKAWEA FEDERAL 4-19H	48.0424700,-102.7001200	9/1/2018	10:30:00 PM	9/1/2018	10:30:00 PM	N/A	N/A	9/4/2018	7:45:00 AM	57.25	0	N/A	57.25	0	N/A
NR69	3305308474	N/A	N/A	PASADENA 2X-11H	47.9941580,-103.3318310	9/2/2018	4:30:00 PM	9/2/2018	4:30:00 PM	N/A	N/A	9/4/2018	6:00:00 PM	49.50	0	N/A	49.50	0	N/A
NR5	3310504710	N/A	N/A	ANDERSON 6X-4H1	48.0235900,-103.4824700	9/3/2018	3:00:00 AM	9/3/2018	3:00:00 AM	N/A	N/A	9/5/2018	4:45:00 AM	49.75	0	N/A	49.75	0	N/A
NR14	3302503190	N/A	N/A	STATE WEYDAHL 11-26H	47.5158100,-102.8548800	9/3/2018	5:15:00 PM	9/3/2018	5:15:00 PM	N/A	N/A	9/5/2018	1:30:00 AM	32.25	0	N/A	32.25	0	N/A
NR80	3305307816	N/A	N/A	SAKAKAWEA FEDERAL 2-19H	48.0435300,-102.7002700	9/5/2018	9:15:00 AM	9/5/2018	9:15:00 AM	N/A	N/A	9/7/2018	4:00:00 AM	42.75	0	N/A	42.75	0	N/A
NR5	3310504711	N/A	N/A	ANDERSON 7X-4H	48.0235900,-103.4822900	9/5/2018	12:00:00 PM	9/5/2018	12:00:00 PM	N/A	N/A	9/8/2018	1:00:00 AM	61.00	0	N/A	61.00	0	N/A
NR69	3305308475	N/A	N/A	PASADENA 5X-11H1	47.9941370,-103.3316500	9/6/2018	7:30:00 AM	9/6/2018	7:30:00 AM	N/A	N/A	9/7/2018	3:00:00 PM	31.50	0	N/A	31.50	0	N/A
NR14	3302502267	N/A	N/A	BRANDVIK 7-15H2	47.5157500,-102.8528700	9/7/2018	4:50:00 PM	9/7/2018	4:50:00 PM	N/A	N/A	9/9/2018	4:45:00 AM	35.92	0	N/A	35.92	0	N/A
NR41	3305302688	N/A	N/A	HOLSTEIN FEDERAL 16-15HSL	48.0435900,-102.7064200	9/7/2018	10:00:00 PM	9/7/2018	10:00:00 PM	N/A	N/A	9/10/2018	5:45:00 PM	67.75	0	N/A	67.75	0	N/A
NR69	3305308476	N/A	N/A	PASADENA 9X-11H	47.9941150,-103.3314690	9/8/2018	4:00:00 AM	9/8/2018	4:00:00 AM	N/A	N/A	9/11/2018	10:15:00 PM	90.25	0	N/A	90.25	0	N/A
NR5	3310504713	N/A	N/A	ANDERSON 8X-4H1	48.0235900,-103.4808550	9/9/2018	11:30:00 AM	9/9/2018	11:30:00 AM	N/A	N/A	9/11/2018	10:45:00 PM	59.25	0	N/A	59.25	0	N/A
NR14	3302502386	N/A	N/A	BRANDVIK 6-15H	47.5157500,-102.8595500	9/9/2018	12:55:00 PM	9/9/2018	12:55:00 PM	N/A	N/A	9/11/2018	4:05:00 AM	39.17	0	N/A	39.17	0	N/A
NR14	3302502385	N/A	N/A	BRANDVIK 3-15H1	47.5157500,-102.8592100	9/11/2018	9:15:00 PM	9/11/2018	9:15:00 PM	N/A	N/A	9/13/2018	8:25:00 AM	35.17	0	N/A	35.17	0	N/A
NR5	3310504714	N/A	N/A	ANDERSON 9X-4H	48.0235900,-103.4806710	9/12/2018	6:30:00 AM	9/12/2018	6:30:00 AM	N/A	N/A	9/14/2018	8:15:00 PM	61.75	0	N/A	61.75	0	N/A
NR13	3302502998	N/A	N/A	ENGENS 4H1	47.4723400,-102.8131100	9/13/2018	1:45:00 AM	9/13/2018	1:45:00 AM	N/A	N/A	9/15/2018	2:00:00 AM	48.25	0	N/A	48.25	0	N/A

Exceptions Under §60.5375a(a)(3) - Technically Infeasible to Route to the Gas Flow Line or Collection System, Re-inject into Well, Use as an Onsite Fuel Source, or Use for Another Useful Purpose Served By Purchased Fuel or Raw Material

Facility Record No.	Well Location [60.5420a(b)(2)(i) and 60.5420a(c)(1)(v)]	Specific Exception Claimed [60.5420a(b)(2)(i) and 60.5420a(c)(1)(v)]	Starting Date for the Period the Well Operated Under the Exception	Ending Date for the Period the Well Operated Under the Exception	Why the Well Meets the Claimed Exception	Name of Nearest Gathering Line	Location of Nearest Gathering Line	Technical Considerations Preventing Routing to this Line	Capture, Reinjection, and Reuse Technologies Considered	Aspects of Gas or Equipment Preventing Use of Recovered Gas as a Fuel Onsite	Technical Considerations Preventing Use of Recovered Gas for Other Useful Purpose	Additional Reasons for Technical Infeasibility
NR74	47.8775000,-102.9585200	Technical infeasibility under 60.5375a(a)(3)	7/29/2018	8/2/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR67	47.8748500,-103.1398700	Technical infeasibility under 60.5375a(a)(3)	7/31/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	OASIS MIDSTREAM PARTNERS WILD BASIN	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0438700,-102.7083300	Technical infeasibility under 60.5375a(a)(3)	7/31/2018	8/2/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0432000,-102.7083700	Technical infeasibility under 60.5375a(a)(3)	8/1/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR74	47.8775000,-102.9587000	Technical infeasibility under 60.5375a(a)(3)	8/1/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR67	47.8748500,-103.1396900	Technical infeasibility under 60.5375a(a)(3)	8/1/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	OASIS MIDSTREAM PARTNERS WILD BASIN	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR54	47.8464800,-102.9949700	Technical infeasibility under 60.5375a(a)(3)	8/1/2018	8/2/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0427400,-102.6993200	Technical infeasibility under 60.5375a(a)(3)	8/2/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR67	47.8748500,-103.1398300	Technical infeasibility under 60.5375a(a)(3)	8/2/2018	8/3/2018	Technical issues prevented the use of the gas for a useful purpose	OASIS MIDSTREAM PARTNERS WILD BASIN	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0426200,-102.6997600	Technical infeasibility under 60.5375a(a)(3)	8/3/2018	8/7/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR75	47.8773500,-102.9473500	Technical infeasibility under 60.5375a(a)(3)	8/4/2018	8/6/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR82	48.8861700,-103.1241700	Technical infeasibility under 60.5375a(a)(3)	8/5/2018	8/7/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0426100,-102.6995000	Technical infeasibility under 60.5375a(a)(3)	8/7/2018	8/9/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR31	47.4772100,-102.8346600	Technical infeasibility under 60.5375a(a)(3)	8/9/2018	8/12/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR68	48.0148300,-103.3378600	Technical infeasibility under 60.5375a(a)(3)	8/10/2018	8/12/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0425500,-102.6994500	Technical infeasibility under 60.5375a(a)(3)	8/12/2018	8/14/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR31	47.4772100,-102.8344700	Technical infeasibility under 60.5375a(a)(3)	8/14/2018	8/16/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR83	48.8509490,-103.8590270	Technical infeasibility under 60.5375a(a)(3)	8/14/2018	8/15/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP FORBES	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR68	48.0148700,-103.3714900	Technical infeasibility under 60.5375a(a)(3)	8/14/2018	8/16/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0424800,-102.6993500	Technical infeasibility under 60.5375a(a)(3)	8/16/2018	8/18/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR31	47.4772100,-102.8342900	Technical infeasibility under 60.5375a(a)(3)	8/16/2018	8/18/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR79	48.6631710,-103.0181700	Technical infeasibility under 60.5375a(a)(3)	8/17/2018	8/19/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP FORBES	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9942110,-103.3333830	Technical infeasibility under 60.5375a(a)(3)	8/18/2018	8/21/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0421400,-102.6993300	Technical infeasibility under 60.5375a(a)(3)	8/19/2018	8/22/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR79	48.6631400,-103.0181700	Technical infeasibility under 60.5375a(a)(3)	8/19/2018	8/21/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP FORBES	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9941900,-103.3321020	Technical infeasibility under 60.5375a(a)(3)	8/21/2018	8/25/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR38	48.0973500,-103.4576400	Technical infeasibility under 60.5375a(a)(3)	8/23/2018	8/24/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP FORBES	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0432100,-102.6994900	Technical infeasibility under 60.5375a(a)(3)	8/23/2018	8/24/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0432700,-102.6995500	Technical infeasibility under 60.5375a(a)(3)	8/24/2018	8/26/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR37	48.0975400,-103.4651500	Technical infeasibility under 60.5375a(a)(3)	8/25/2018	8/27/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5158100,-102.8556100	Technical infeasibility under 60.5375a(a)(3)	8/25/2018	8/27/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0433400,-102.6995000	Technical infeasibility under 60.5375a(a)(3)	8/27/2018	8/29/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5158100,-102.8554300	Technical infeasibility under 60.5375a(a)(3)	8/27/2018	8/29/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9942330,-103.3324640	Technical infeasibility under 60.5375a(a)(3)	8/28/2018	8/31/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4825400	Technical infeasibility under 60.5375a(a)(3)	8/28/2018	8/31/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5150100,-102.8552500	Technical infeasibility under 60.5375a(a)(3)	8/30/2018	8/31/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0424000,-102.6999600	Technical infeasibility under 60.5375a(a)(3)	8/30/2018	9/1/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4826500	Technical infeasibility under 60.5375a(a)(3)	8/31/2018	9/2/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5150100,-102.8550600	Technical infeasibility under 60.5375a(a)(3)	9/1/2018	9/2/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0424700,-102.7001200	Technical infeasibility under 60.5375a(a)(3)	9/1/2018	9/4/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9941580,-103.3318310	Technical infeasibility under 60.5375a(a)(3)	9/2/2018	9/4/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4824700	Technical infeasibility under 60.5375a(a)(3)	9/3/2018	9/5/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5158100,-102.8548800	Technical infeasibility under 60.5375a(a)(3)	9/3/2018	9/5/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR80	48.0435300,-102.7002700	Technical infeasibility under 60.5375a(a)(3)	9/5/2018	9/7/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4822900	Technical infeasibility under 60.5375a(a)(3)	9/5/2018	9/8/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9941370,-103.3316500	Technical infeasibility under 60.5375a(a)(3)	9/6/2018	9/7/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5157500,-102.8528700	Technical infeasibility under 60.5375a(a)(3)	9/7/2018	9/9/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR41	48.0435900,-102.7064200	Technical infeasibility under 60.5375a(a)(3)	9/7/2018	9/10/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR69	47.9941150,-103.3314690	Technical infeasibility under 60.5375a(a)(3)	9/8/2018	9/11/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4808550	Technical infeasibility under 60.5375a(a)(3)	9/9/2018	9/11/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5157500,-102.8595500	Technical infeasibility under 60.5375a(a)(3)	9/9/2018	9/11/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR14	47.5157500,-102.8592100	Technical infeasibility under 60.5375a(a)(3)	9/11/2018	9/13/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR5	48.0235900,-103.4806710	Technical infeasibility under 60.5375a(a)(3)	9/12/2018	9/14/2018	Technical issues prevented the use of the gas for a useful purpose	HILAND PARTNERS, LP WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A
NR13	47.4723400,-102.8131100	Technical infeasibility under 60.5375a(a)(3)	9/13/2018	9/15/2018	Technical issues prevented the use of the gas for a useful purpose	ONEOK ROCKIES MIDSTREAM WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line.	on-site power, reinjection, routing to a flow line	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A

Well Affected Facilities Meeting the Criteria of §60.5375a(g) - Not Hydraulically Fractured/Refractured with Liquids, or Do Not Generate Condensate, Intermediate Hydrocarbon Liquids, or Produced Water (No Liquid Collection System at the Well Site) / Well Affected Facilities Required to Comply with Both §60.5375a(a)(1) and (3) Using a ...

Facility Record No.	Well Location	Date of Onset of Flowback Following Hydraulic Fracturing or Refracturing	Time of Onset of Flowback Following Hydraulic Fracturing or Refracturing	Date Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production	Time Well Shut In and Flowback Equipment Permanently Disconnected or the Startup of Production	Duration of Flowback in Hours	Duration of Combustion in Hours	Duration of Venting in Hours	Reason for Venting in lieu of Capture or Combustion	Does well still meet the conditions of 60.5375a(g)?	If applicable: Date Well Completion Operation Stopped	If applicable: Time Well Completion Operation Stopped	If applicable: Date Separator Installed	If applicable: Time Separator Installed	Are there ... at the well site?	Please provide the name ...
NR74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR74	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR54	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR67	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR75	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR82	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR83	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR68	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR31	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR79	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR38	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR37	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR41	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR69	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR14	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR13	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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NR73	3310504819	N/A	N/A	RADER 10-24H	48.1527400,-103.4878050	4/6/2019	6:15:00 AM	4/6/2019	6:15:00 AM	N/A	N/A	4/8/2019	10:50:00 AM	5258	0	N/A	5258	0	N/A	48.1527400,-103.4878050	Technical infeasibility under 60.5375a(a)(3)	4/6/2019	4/8/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR73	3310504820	N/A	N/A	RADER 9-24H1	48.1527390,-103.4877890	4/8/2019	7:45:00 PM	4/8/2019	7:45:00 PM	N/A	N/A	4/10/2019	9:20:00 AM	3758	0	N/A	3758	0	N/A	48.1527390,-103.4877890	Technical infeasibility under 60.5375a(a)(3)	4/8/2019	4/10/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR83	3306103568	N/A	N/A	SORENSON 5-16H	48.1670600,-102.7758700	4/9/2019	4:30:00 PM	4/9/2019	4:30:00 PM	N/A	N/A	4/10/2019	9:00:00 PM	3250	0	N/A	3250	0	N/A	48.1670600,-102.7758700	Technical infeasibility under 60.5375a(a)(3)	4/9/2019	4/10/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR27	3302503199	N/A	N/A	COLTER 9-14H	47.5420500,-102.8740100	4/9/2019	10:00:00 PM	4/9/2019	10:00:00 PM	N/A	N/A	4/14/2019	7:00:00 PM	11700	0	N/A	11700	0	N/A	47.5420500,-102.8740100	Technical infeasibility under 60.5375a(a)(3)	4/9/2019	4/14/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR73	3310504821	N/A	N/A	RADER 8-24H	48.1527390,-103.4879730	4/10/2019	8:40:00 PM	4/10/2019	8:40:00 PM	N/A	N/A	4/14/2019	12:30:00 AM	7583	0	N/A	7583	0	N/A	48.1527390,-103.4879730	Technical infeasibility under 60.5375a(a)(3)	4/10/2019	4/14/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR83	3306103567	N/A	N/A	SORENSON 7-16H2	48.1670600,-102.7756400	4/11/2019	4:15:00 PM	4/11/2019	4:15:00 PM	N/A	N/A	4/13/2019	12:00:00 PM	4375	0	N/A	4375	0	N/A	48.1670600,-102.7756400	Technical infeasibility under 60.5375a(a)(3)	4/11/2019	4/13/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR83	3306103566	N/A	N/A	SORENSON 8-16H	48.1670600,-102.7754600	4/13/2019	10:00:00 PM	4/13/2019	10:00:00 PM	N/A	N/A	4/17/2019	3:45:00 PM	8975	0	N/A	8975	0	N/A	48.1670600,-102.7754600	Technical infeasibility under 60.5375a(a)(3)	4/12/2019	4/17/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR73	3310504822	N/A	N/A	RADER 7-24H1	48.1527380,-103.4881580	4/14/2019	3:15:00 PM	4/14/2019	3:15:00 PM	N/A	N/A	4/15/2019	10:45:00 PM	3150	0	N/A	3150	0	N/A	48.1527380,-103.4881580	Technical infeasibility under 60.5375a(a)(3)	4/14/2019	4/15/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR73	3310504823	N/A	N/A	RADER 6-24H	48.1527370,-103.4883420	4/16/2019	10:00:00 AM	4/16/2019	10:00:00 AM	N/A	N/A	4/18/2019	1:30:00 AM	3800	0	N/A	3800	0	N/A	48.1527370,-103.4883420	Technical infeasibility under 60.5375a(a)(3)	4/16/2019	4/18/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR83	3306103565	N/A	N/A	SORENSON 9-16H1	48.1670600,-102.7757700	4/16/2019	3:45:00 AM	4/16/2019	3:45:00 AM	N/A	N/A	4/20/2019	3:10:00 AM	5843	0	N/A	5843	0	N/A	48.1670600,-102.7757700	Technical infeasibility under 60.5375a(a)(3)	4/16/2019	4/20/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305307786	N/A	N/A	HEREFORD FEDERAL 10-17H1	48.0650900,-103.7530100	4/18/2019	8:00:00 AM	4/18/2019	8:00:00 AM	N/A	N/A	4/20/2019	10:00:00 AM	5080	0	N/A	5080	0	N/A	48.0650900,-103.7530100	Technical infeasibility under 60.5375a(a)(3)	4/18/2019	4/20/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR73	3310504824	N/A	N/A	RADER 5-24H1	48.1527360,-103.4885360	4/18/2019	12:30:00 PM	4/18/2019	12:30:00 PM	N/A	N/A	4/20/2019	4:15:00 AM	3943	0	N/A	3943	0	N/A	48.1527360,-103.4885360	Technical infeasibility under 60.5375a(a)(3)	4/18/2019	4/20/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305307787	N/A	N/A	HEREFORD FEDERAL 11-17H	48.0650900,-103.7527300	4/21/2019	5:00:00 AM	4/21/2019	5:00:00 AM	N/A	N/A	4/25/2019	3:30:00 AM	9650	0	N/A	9650	0	N/A	48.0650900,-103.7527300	Technical infeasibility under 60.5375a(a)(3)	4/21/2019	4/25/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504858	N/A	N/A	RADER 4-24HSL	48.1531710,-103.4542470	4/23/2019	11:15:00 AM	4/23/2019	11:15:00 AM	N/A	N/A	4/24/2019	8:45:00 AM	3350	0	N/A	3350	0	N/A	48.1531710,-103.4542470	Technical infeasibility under 60.5375a(a)(3)	4/23/2019	4/24/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504857	N/A	N/A	COLLISON 13-23HSL	48.1523940,-103.4942410	4/24/2019	6:01:00 PM	4/24/2019	6:01:00 PM	N/A	N/A	4/26/2019	11:00:00 PM	4192	0	N/A	4192	0	N/A	48.1523940,-103.4942410	Technical infeasibility under 60.5375a(a)(3)	4/24/2019	4/26/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305307788	N/A	N/A	HEREFORD FEDERAL 12-17H1	48.0650800,-103.7525900	4/25/2019	4:30:00 PM	4/25/2019	4:30:00 PM	N/A	N/A	4/28/2019	10:15:00 AM	6375	0	N/A	6375	0	N/A	48.0650800,-103.7525900	Technical infeasibility under 60.5375a(a)(3)	4/25/2019	4/28/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504799	N/A	N/A	COLLISON 12-23H1	48.1524180,-103.4942410	4/26/2019	7:05:00 PM	4/26/2019	7:05:00 PM	N/A	N/A	4/28/2019	3:30:00 AM	2193	0	N/A	2193	0	N/A	48.1524180,-103.4942410	Technical infeasibility under 60.5375a(a)(3)	4/26/2019	4/28/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504800	N/A	N/A	COLLISON 11-23H	48.1524410,-103.4942410	4/29/2019	6:43:00 AM	4/29/2019	6:43:00 AM	N/A	N/A	5/1/2019	11:00:00 AM	4328	0	N/A	4328	0	N/A	48.1524410,-103.4942410	Technical infeasibility under 60.5375a(a)(3)	4/29/2019	5/1/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305307789	N/A	N/A	HEREFORD FEDERAL 13-17H	48.0650800,-103.7526800	5/1/2019	11:26:00 AM	5/1/2019	11:26:00 AM	N/A	N/A	5/3/2019	8:45:00 AM	4225	0	N/A	4225	0	N/A	48.0650800,-103.7526800	Technical infeasibility under 60.5375a(a)(3)	5/1/2019	5/3/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504801	N/A	N/A	COLLISON 10-23H1	48.1526850,-103.4942480	5/1/2019	3:01:00 PM	5/1/2019	3:01:00 PM	N/A	N/A	5/3/2019	3:30:00 AM	2692	0	N/A	2692	0	N/A	48.1526850,-103.4942480	Technical infeasibility under 60.5375a(a)(3)	5/1/2019	5/3/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR26	3310504802	N/A	N/A	COLLISON 9-23H	48.1527580,-103.4942480	5/2/2019	10:30:00 PM	5/2/2019	10:30:00 PM	N/A	N/A	5/7/2019	7:45:00 AM	2225	0	N/A	2225	0	N/A	48.1527580,-103.4942480	Technical infeasibility under 60.5375a(a)(3)	5/2/2019	5/7/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305307138	N/A	N/A	HEREFORD FEDERAL 14-17H1	48.0650900,-103.7521800	5/4/2019	2:45:00 AM	5/4/2019	2:45:00 AM	N/A	N/A	5/6/2019	2:45:00 PM	5988	0	N/A	5988	0	N/A	48.0650900,-103.7521800	Technical infeasibility under 60.5375a(a)(3)	5/4/2019	5/6/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305308807	N/A	N/A	HEREFORD FEDERAL 15T-17HSL	48.0651780,-103.7539980	5/7/2019	3:45:00 AM	5/7/2019	3:45:00 AM	N/A	N/A	5/9/2019	5:00:00 PM	4133	0	N/A	4133	0	N/A	48.0651780,-103.7539980	Technical infeasibility under 60.5375a(a)(3)	5/7/2019	5/9/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR8	3305308757	N/A	N/A	ANGUS FEDERAL 5-19H2	48.0650900,-103.7538100	5/9/2019	2:15:00 AM	5/9/2019	2:15:00 AM	N/A	N/A	5/11/2019	6:00:00 AM	4575	0	N/A	4575	0	N/A	48.0650900,-103.7538100	Technical infeasibility under 60.5375a(a)(3)	5/9/2019	5/11/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR21	3302503551	N/A	N/A	CARUS 2-35H	47.5154280,-102.9108960	5/13/2019	4:15:00 AM	5/13/2019	4:15:00 AM	N/A	N/A	5/14/2019	12:35:00 AM	4600	0	N/A	4600	0	N/A	47.5154280,-102.9108960	Technical infeasibility under 60.5375a(a)(3)	5/13/2019	5/14/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NR59	3305900833	N/A	N/A	CARUS 13-35H	47.5177920,-102.9324820	5/13/2019	3:45:00 PM	5/13/2019	3:45:00 PM	N/A	N/A	5/14/2019	6:30:00 AM	3875	0	N/A	3875	0	N/A	47.5177920,-102.9324820	Technical infeasibility under 60.5375a(a)(3)	5/13/2019	5/14/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502592	N/A	N/A	CARUS 6-35H	47.5154210,-102.9183130	5/14/2019	9:45:00 AM	5/14/2019	9:45:00 AM	N/A	N/A	5/16/2019	8:00:00 AM	4613	0	N/A	4613	0	N/A	47.5154210,-102.9183130	Technical infeasibility under 60.5375a(a)(3)	5/14/2019	5/16/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3302502598	N/A	N/A	CARUS 4-35H1	0	5/16/2019	5:00:00 AM	5/16/2019	5:00:00 AM	N/A	N/A	5/18/2019	2:45:00 AM	4575	0	N/A	4575	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	5/16/2019	5/18/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502593	N/A	N/A	CARUS 10-35H1	47.5154210,-102.9163210	5/17/2019	4:30:00 AM	5/17/2019	4:30:00 AM	N/A	N/A	5/20/2019	8:00:00 AM	13250	0	N/A	13250	0	N/A	47.5154210,-102.9163210	Technical infeasibility under 60.5375a(a)(3)	5/17/2019	5/20/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502589	N/A	N/A	CARUS 3-35H	47.5151140,-102.9144030	5/19/2019	5:36:00 PM	5/19/2019	5:36:00 PM	N/A	N/A	5/21/2019	3:02:00 PM	4538	0	N/A	4538	0	N/A	47.5151140,-102.9144030	Technical infeasibility under 60.5375a(a)(3)	5/19/2019	5/21/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502588	N/A	N/A	CARUS 8-35H1	47.5151370,-102.9142960	5/21/2019	11:00:00 AM	5/21/2019	11:00:00 AM	N/A	N/A	5/24/2019	2:00:00 PM	5788	0	N/A	5788	0	N/A	47.5151370,-102.9142960	Technical infeasibility under 60.5375a(a)(3)	5/21/2019	5/24/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502594	N/A	N/A	CARUS 11-35H	47.5154230,-102.9161490	5/24/2019	5:10:00 PM	5/24/2019	5:10:00 PM	N/A	N/A	5/26/2019	5:03:00 PM	4747	0	N/A	4747	0	N/A	47.5154230,-102.9161490	Technical infeasibility under 60.5375a(a)(3)	5/24/2019	5/26/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502587	N/A	N/A	CARUS 7-35H	47.5151150,-102.9141130	5/25/2019	7:45:00 PM	5/25/2019	7:45:00 PM	N/A	N/A	5/27/2019	5:15:00 PM	4538	0	N/A	4538	0	N/A	47.5151150,-102.9141130	Technical infeasibility under 60.5375a(a)(3)	5/25/2019	5/27/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR21	3302502596	N/A	N/A	CARUS 12-35HSL	47.5154230,-102.9189970	5/25/2019	8:15:00 PM	5/25/2019	8:15:00 PM	N/A	N/A	5/27/2019	4:20:00 PM	4425	0	N/A	4425	0	N/A	47.5154230,-102.9189970	Technical infeasibility under 60.5375a(a)(3)	5/25/2019	5/27/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR59	3305308283	N/A	N/A	HONOLULU 4-13H	48.0518240,-102.8428960	7/6/2019	10:15:00 AM	7/6/2019	10:15:00 AM	N/A	N/A	7/9/2019	9:30:00 AM	4675	0	N/A	4675	0	N/A	48.0518240,-102.8428960	Technical infeasibility under 60.5375a(a)(3)	7/6/2019	7/9/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR33	3310502952	N/A	N/A	GRAYSON FEDERAL 4-31H	48.2376320,-103.2527190	7/6/2019	1:30:00 PM	7/6/2019	1:30:00 PM	N/A	N/A	7/8/2019	6:30:00 AM	4050	0	N/A	4050	0	N/A	48.2376320,-103.2527190	Technical infeasibility under 60.5375a(a)(3)	7/6/2019	7/8/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504962	N/A	N/A	WTSL 3-11H1	0	7/6/2019	4:15:00 PM	7/6/2019	4:15:00 PM	N/A	N/A	7/8/2019	4:00:00 PM	4775	0	N/A	4775	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/6/2019	7/8/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR33	3310502957	N/A	N/A	GRAYSON FEDERAL 5-31H1	48.2376320,-103.2525240	7/7/2019	6:15:00 PM	7/7/2019	6:15:00 PM	N/A	N/A	7/9/2019	2:45:00 AM	3736	0	N/A	3736	0	N/A	48.2376320,-103.2525240	Technical infeasibility under 60.5375a(a)(3)	7/7/2019	7/9/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR59	3305308282	N/A	N/A	HONOLULU 5-13H	48.0509130,-102.8428960	7/8/2019	7:15:00 PM	7/8/2019	7:15:00 PM	N/A	N/A	7/10/2019	7:30:00 AM	6035	0	N/A	6035	0	N/A	48.0509130,-102.8428960	Technical infeasibility under 60.5375a(a)(3)	7/8/2019	7/10/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504963	N/A	N/A	WTSL 6-11H	0	7/12/2019	10:15:00 PM	7/12/2019	10:15:00 PM	N/A	N/A	7/14/2019	8:45:00 PM	4950	0	N/A	4950	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/12/2019	7/14/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR33	3310502959	N/A	N/A	GRAYSON FEDERAL 6-31H	48.2376310,-103.2523580	7/14/2019	6:30:00 PM	7/14/2019	6:30:00 PM	N/A	N/A	7/16/2019	4:45:00 PM	4625	0	N/A	4625	0	N/A	48.2376310,-103.2523580	Technical infeasibility under 60.5375a(a)(3)	7/14/2019	7/16/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504964	N/A	N/A	WTSL 7-11H1	0	7/15/2019	4:45:00 PM	7/15/2019	4:45:00 PM	N/A	N/A	7/17/2019	3:30:00 AM	2375	0	N/A	2375	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/15/2019	7/17/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR59	3305308281	N/A	N/A	HONOLULU 6-13H	48.0507570,-102.8428960	7/15/2019	5:20:00 PM	7/15/2019	5:20:00 PM	N/A	N/A	7/17/2019	3:45:00 PM	4325	0	N/A	4325	0	N/A	48.0507570,-102.8428960	Technical infeasibility under 60.5375a(a)(3)	7/15/2019	7/17/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504965	N/A	N/A	WTSL 8-11H	0	7/17/2019	7:15:00 AM	7/17/2019	7:15:00 AM	N/A	N/A	7/19/2019	8:20:00 PM	3725	0	N/A	3725	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/17/2019	7/19/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR33	3310505078	N/A	N/A	GRAYSON 7-31H1	48.2376310,-103.2521650	7/17/2019	8:17:00 AM	7/17/2019	8:17:00 AM	N/A	N/A	7/19/2019	9:15:00 PM	2697	0	N/A	2697	0	N/A	48.2376310,-103.2521650	Technical infeasibility under 60.5375a(a)(3)	7/17/2019	7/19/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR53	3305308549	N/A	N/A	BOULDER 11-4H1	48.0504510,-103.2869850	7/18/2019	7:36:00 AM	7/18/2019	7:36:00 AM	N/A	N/A	7/20/2019	6:00:00 AM	5156	0	N/A	5156	0	N/A	48.0504510,-103.2869850	Technical infeasibility under 60.5375a(a)(3)	7/18/2019	7/20/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310505065	N/A	N/A	GRAYSON 9-31H1	0	7/18/2019	8:00:00 PM	7/18/2019	8:00:00 PM	N/A	N/A	7/20/2019	9:19:00 AM	3723	0	N/A	3723	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/18/2019	7/20/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504974	N/A	N/A	WTSL 3-11HSL	0	7/21/2019	12:15:00 AM	7/21/2019	12:15:00 AM	N/A	N/A	7/22/2019	1:00:00 PM	2575	0	N/A	2575	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/21/2019	7/22/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR53	3305308544	N/A	N/A	BOULDER 10-4H	48.0504530,-103.2869730	7/21/2019	1:15:00 PM	7/21/2019	1:15:00 PM	N/A	N/A	7/24/2019	9:30:00 AM	4413	0	N/A	4413	0	N/A	48.0504530,-103.2869730	Technical infeasibility under 60.5375a(a)(3)	7/21/2019	7/24/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR24	3310505064	N/A	N/A	GRAYSON 10-31H	48.2377120,-103.2537610	7/22/2019	6:40:00 PM	7/22/2019	6:40:00 PM	N/A	N/A	7/24/2019	10:00:00 AM	3922	0	N/A	3922	0	N/A	48.2377120,-103.2537610	Technical infeasibility under 60.5375a(a)(3)	7/22/2019	7/24/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504972	N/A	N/A	WTSL 2-11H1	0	7/23/2019	2:17:00 PM	7/23/2019	2:17:00 PM	N/A	N/A	7/24/2019	1:00:00 PM	4075	0	N/A	4075	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/23/2019	7/24/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR24	3310505082	N/A	N/A	GRAYSON 11-31H1	48.2377130,-103.2535760	7/24/2019	7:25:00 PM	7/24/2019	7:25:00 PM	N/A	N/A	7/26/2019	11:00:00 PM	4052	0	N/A	4052	0	N/A	48.2377130,-103.2535760	Technical infeasibility under 60.5375a(a)(3)	7/24/2019	7/26/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
0	3310504973	N/A	N/A	WTSL 4-11H	0	7/24/2019	5:38:00 PM	7/24/2019	5:38:00 PM	N/A	N/A	7/26/2019	3:30:00 PM	4188	0	N/A	4188	0	N/A	0	Technical infeasibility under 60.5375a(a)(3)	7/24/2019	7/26/2019	Technical issues prevented the use of the gas for useful purpose	HESS CORPORATION/TIOGA	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR53	3305307137	N/A	N/A	BOULDER FEDERAL 9-4H1	48.0504520,-103.2869280	7/25/2019	12:38:00 AM	7/25/2019	12:38:00 AM	N/A	N/A	7/27/2019	4:15:00 PM	6375	0	N/A	6375	0	N/A	48.0504520,-103.2869280	Technical infeasibility under 60.5375a(a)(3)	7/25/2019	7/27/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR24	3310505083	N/A	N/A	GRAYSON 12-31HSL	48.2377140,-103.2532610	7/26/2019	10:35:00 PM	7/26/2019	10:35:00 PM	N/A	N/A	7/28/2019	10:50:00 PM	4562	0	N/A	4562	0	N/A	48.2377140,-103.2532610	Technical infeasibility under 60.5375a(a)(3)	7/26/2019	7/28/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR53	3305307136	N/A	N/A	BOULDER FEDERAL 8-4H	48.0504530,-103.2871190	7/28/2019	3:30:00 AM	7/28/2019	3:30:00 AM	N/A	N/A	7/30/2019	8:00:00 AM	5156	0	N/A	5156	0	N/A	48.0504530,-103.2871190	Technical infeasibility under 60.5375a(a)(3)	7/28/2019	7/30/2019	Technical issues prevented the use of the gas for useful purpose	HILAND PARTNERS, LP/WATFORD CITY	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR59	3305900833	N/A	N/A	Carus 13-35H	47.5177920,-102.9324820	5/13/2019	2:45:00 PM	5/13/2019	2:45:00 PM	N/A	N/A	5/14/2019	8:30:00 AM	3275	0	N/A	3275	0	N/A	47.5177920,-102.9324820	Technical infeasibility under 60.5375a(a)(3)	5/13/2019	5/14/2019	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															
NR84	3305308875	N/A	N/A	Harvey 6-30H	47.9464480,-103.9184780	8/4/2018	11:00:00 PM	8/4/2018	11:00:00 PM	N/A	N/A	8/6/2018	3:00:00 PM	1650	0	N/A	1650	0	N/A	47.9464480,-103.9184780	Technical infeasibility under 60.5375a(a)(3)	8/4/2018	8/6/2018	Technical issues prevented the use of the gas for useful purpose	ONEOK ROCKIES MIDSTREAM/WILLISTON	Currently a facility location	Right of way and/or construction delays of facility and/or gathering lines. Gas quality and quantity issues may also prevent routing of gas to line	[illegible]	gas quantity and quality issues, regulatory issues	gas quality and quantity issues, regulatory issues	N/A	N/A															

[File]

DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION	
Template Name	60.5420a(b) Annual Report (Spreadsheet Template)
CitationID	60.5420a(b)
Template Version	v1.00
Last Updated Date	

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each centrifugal compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(3)(i) through (iv) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

				Centrifugal Compressors Required to Comply with §60.5380a(a)(2) - Cover and Closed Vent System Requirements						Centrifugal Compressors with Carbon Adsorption		Centrifugal Compressors Subject to Control Device Requirements of §60.5412a(a)-(c)					Centrifugal Compressors Using a Wet Seal System Constructed, Modified, or Reconstructed During Reporting Period with Control Device Tested Under §60.5413a(d)															
Facility Record No. * (Select from dropdown list - *may need to scroll up*)	Compressor ID * (§60.5420a(b)(3)(i))	For centrifugal compressors using a wet seal system, was the compressor constructed, modified or reconstructed during the reporting period? * (§60.5420a(b)(3)(i))	Deviations where the centrifugal compressor was not operated in compliance with requirements * (§60.5420a(b)(3)(ii) and §60.5420a(c)(2))	Record of Each Closed Vent System Inspection * (§60.5420a(b)(3)(iii) and §60.5420a(c)(6))	Record of Each Cover Inspection * (§60.5420a(b)(3)(iii) and §60.5420a(c)(7))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you monitor the bypass with a flow indicator, a record of each time the alarm is sounded. * (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you use a secured valve, a record of each monthly inspection. * (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))	If you are subject to the bypass requirements of §60.5416a(a)(4) and you use a lock-and-key valve, a record of each time the key is checked out. * (§60.5420a(b)(3)(iii) and §60.5420a(c)(8))	Record of No Detectable Emissions Monitoring Conducted According to §60.5416a(b) * (§60.5420a(b)(3)(iii) and §60.5420a(c)(9))	Records of the Schedule for Carbon Replacement * (determined by design analysis) (§60.5420a(b)(3)(iii) and §60.5420a(c)(10))	Records of Each Carbon Replacement * (§60.5420a(b)(3)(iii) and §60.5420a(c)(10))	Minimum/Maximum Operating Parameter Value * (§60.5420a(b)(3)(iii) and §60.5420a(c)(11))	Please provide the file name that contains the Continuous Parameter Monitoring System Data * (§60.5420a(b)(3)(iii) and §60.5420a(c)(11)) Please provide the file name that contains.	Please provide the file name that contains the Calculated Averages of Continuous Parameter Monitoring System Data * (§60.5420a(b)(3)(iii) and §60.5420a(c)(11)) Please provide the file name that contains.	Please provide the file name that contains the Results of All Compliance Calculations * (§60.5420a(b)(3)(iii) and §60.5420a(c)(11)) Please provide the file name that contains.	Please provide the file name that contains the Results of All Inspections * (§60.5420a(b)(3)(iii) and §60.5420a(c)(11)) Please provide the file name that contains.	Make of Purchased Device * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(i))	Model of Purchased Device * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(i))	Serial Number of Purchased Device * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(i))	Date of Purchase (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(ii))	Please provide the file name that contains the Copy of Purchase Order (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iii)) Please provide the file name that contains.	Latitude of Centrifugal Compressor (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iv))	Longitude of Centrifugal Compressor (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iv))	Latitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iv))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iv))	As an Alternative to Latitude and Longitude, please provide the file name that contains the Digital Photograph of Device either with Imbedded Latitude and Longitude or Visible GPS (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(iv)) Please provide the file name that contains.	Inlet Gas Flow Rate * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(v))	Please provide the file name that contains the Records of Pilot Flame Present at All Times of Operation * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(vi)(A)) Please provide the file name that contains.	Please provide the file name that contains the Records of No Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(vi)(B)) Please provide the file name that contains.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(vi)(C)) Please provide the file name that contains.	Please provide the file name that contains the Records of Visible Emissions Test Following Return to Operation From Maintenance/Repair Activity * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(vi)(D)) Please provide the file name that contains.	Please provide the file name that contains the Records of Manufacturer's Written Operating Instructions, Procedures and Maintenance Schedule * (§60.5420a(b)(3)(iv) and §60.5420a(c)(2)(vi)(E)) Please provide the file name that contains.
XML Tag:	**CompressorId**	**CompressorConstruct**	**CompressorDeviation**	**VentSystemInspection**	**VentCoverInspection**	**VentAlarmRecord**	**VentMonthInspection**	**VentKeyRecord**	**VentDetectEmission**	**CarbonReplaceSch**	**CarbonReplaceRecord**	**CtrlOpParameter**	**CtrlParameterFile**	**CtrlAverageFile**	**CtrlComplianceFile**	**CtrlInspectionFile**	**WetDeviceMake**	**WetDeviceModel**	**WetDeviceId**	**WetPurchaseDate**	**WetPurchaseFile**	**WetCompLatitude**	**WetCompLongitude**	**WetCtrlLatitude**	**WetCtrlLongitude**	**WetLocationFile**	**WetFlowRate**	**WetFlameFile**	**WetEmissionFile**	**WetMaintFile**	**WetVisibleFile**	**WetInstructionFile**
	e.g.: Comp-12b	e.g.: modified	e.g.: On October 13, 2016, the pilot flame was not functioning on the combustion unit controlling the compressor.	e.g.: Annual inspection conducted on 12/16/16. No defects observed. No detectable emissions observed.	e.g.: Annual inspection conducted on 12/16/16. No defects observed.	e.g.: On 4/5/17, the bypass alarm sounded for 2 minutes.	e.g.: Monthly inspection performed 4/15/17. Valve was maintained in the non-diverting position. Vent stream was not diverted through the bypass.	e.g.: The key was not checked out during the annual reporting period.	e.g.: Annual inspection conducted on 12/16/16. The highest reading using the M21 was 100 ppmv.	e.g.: Carbon must be replaced every 2 years.	e.g.: Carbon was not replaced during the annual reporting period.	e.g.: Minimum temperature differential across catalytic oxidizer bed of 20°F.	e.g.: CPMS_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: CPMSAvg_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: CompliCalc_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: InspectResult_Comp-12b.pdf or XYZCompressorStation.pdf	e.g.: [illegible]	e.g.: 400 Combustor	e.g.: 125852832	e.g.: 12/05/16	e.g.: purchase_order.pdf or XYZCompressorStation.pdf	e.g.: 34.12345	e.g.: -101.12345	e.g.: 34.12340	e.g.: -101.12340	e.g.: 400_combustor.pdf or XYZCompressorStation.pdf	e.g.: 3000 scfh	e.g.: pilotflame.pdf or XYZCompressorStation.pdf	e.g.: noemissions.pdf or XYZCompressorStation.pdf	e.g.: maintainlog.pdf or XYZCompressorStation.pdf	e.g.: emistest.pdf or XYZCompressorStation.pdf	e.g.: manufinstruct.pdf or XYZCompressorStation.pdf

cart 111
Jonathan Wilk, Atlanta
I write dispassionately for storage reasons I'd always I'd just like to afterward force the agony

cart 111
Jonathan Wilk, Atlanta
And for ABSOLUTELY, positively 20 years

DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION	
Template Name	**60.5420a(b) Annual Report (Spreadsheet Template)**
CitationID	60.5420a(b)
Template Version	v. 1.00
Last Updated Date	

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For each reciprocating compressor affected facility, an owner or operator must include the information specified in paragraphs (b)(4)(i) and (ii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

Facility Record No. * (Select from dropdown list - may need to scroll up)	Compressor ID * (§60.5420a(b)(1)(ii))	Are emissions from the rod packing unit being routed to a process through a closed vent system under negative pressure? * (§60.5420a(b)(4)(i))	If emissions are not routed to a process through a closed vent system under negative pressure, what are the cumulative number of hours or months of operation since initial startup or the previous rod packing replacement (whichever is later)? * (§60.5420a(b)(4)(ii))	Units of Time Measurement * (§60.5420a(b)(4)(i))	Deviations where the reciprocating compressor was not operated in compliance with requirements * (§60.5420a(b)(4)(iii) and §60.5420a(c)(3)(iii))
XML Tag:	**CompressorId**	**RodEmissionsFlag**	**OpCumTime**	**OpCumUnit**	**CompressorDeviation**
	e.g.: Comp-126	e.g.: no	e.g.: 2	e.g.: months	e.g.: Rod packing replacement exceeded 36 months. Replacement occurred after 37 months.

DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION

Template Name:	**60.5420a(b) Annual Report (Spreadsheet Template)**
ChkbookID:	60.5420a(b)
Template Version:	v. 1.00
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40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each pneumatic controller affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (iii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

					Pneumatic Controllers with a Natural Gas Bleed Rate Greater Than 6 scfh		
Facility Record No: * (Select from Dropdown list - may need to refresh)	Pneumatic Controller Identification * (§60.5420a(b)(1)(i), §60.5420a(b)(1)(ii), and §60.5370a(b)(2)) or §60.5395a(c)(2))	Was the pneumatic controller constructed, modified or reconstructed during the reporting period? (§60.5420a(b)(1)(iii))	Month of Installation, Reconstruction, or Modification* (§60.5420a(b)(1)(iii) and §60.5370a(b)(2)) or §60.5395a(c)(2))	Year of Installation, Reconstruction, or Modification* (§60.5420a(b)(1)(iii) and §60.5370a(b)(2)) or §60.5395a(c)(2))	Documentation that Use of a Pneumatic Controller with a Natural Gas Bleed Rate Greater than 6 Standard Cubic Feet per Hour is required * (§60.5420a(b)(1)(i))	Reasons Why* (§60.5420a(b)(1)(i))	Records of deviations where the pneumatic controller was not operated in compliance with requirements* (§60.5420a(b)(1)(ii) and §60.5420a(c)(1)(i))
XML Tag:	**ControllerId**	**ControllerConstruct**	**ConstructMonth**	**ConstructYear**	**CtrlBleedRateDocu**	**CtrlBleedRateReason**	**ControllerDeviation**
	e.g. Controller 1A.	e.g. modified	e.g. February	e.g. 2017	e.g. Controller has a bleed rate of 8 scfh.	e.g. safety hazard: controller requires use of a high-bleed controller	e.g. Controller was not tagged with month and year of installation.

	DO NOT REMOVE OR EDIT NP ORIGIN ON OFFICE SECTION
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Checksum	62 54180a51
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§§ 60.5420b Subpt. OOOOb - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - §§ 5420b(b)(1) Annual Report
For each storage vessel affected facility, an owner or operator must include the information specified in paragraphs (b)(1)(i) through (xii) of this section in all annual reports:

The asterisk (*) next to each title indicates that the corresponding field is required.

											Storage Vessels Constructed, Modified, Reconstructed or Returned to Service During Reporting Period but Components (§60.5395(d)(1)) with a Control Device Tested Under §60.5413(d)(8)														
Facility Record No. * (Record Type: **Storage Vessel 01**) *	(Storage Vessel 01) * (§60.5420b(b)(1)(i) and §60.5420b(b)(1)(ii))	Was the storage vessel constructed, modified or reconstructed during the reporting period * (§60.5420b(b)(1)(i))	Latitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420b(b)(1)(ii))	Longitude of Storage Vessel (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420b(b)(1)(ii))	Was affected facility or if returned to service during the reporting period, provide documentation of the VOC emission rate determination according to §60.5365e & f (§60.5420b(b)(1)(iii))	The mode of operations where the storage vessel was not operated in compliance with requirements * (§60.5420b(b)(1)(iv) and §60.5420b(c)(7)(iii))	Have you met the requirements specified in (§60.5420b(b)(1)(v) and (1)(v)*) (§60.5420b(b)(1)(v))	Removed from service during the reporting period * (§60.5420b(b)(1)(vi))	If removed from service this date removed from service * (§60.5420b(b)(1)(vi))	Returned to service during the reporting period * (§60.5420b(b)(1)(vii))	If returned to service, the date returned to service * (§60.5420b(b)(1)(vii))	Make of Purchased Device * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(iv))	Model of Purchased Device * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(iv))	Serial Number of Purchased Device * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(iv))	Date of Purchase * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(iv))	Copy of Purchase Order * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(iv))	Installation of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B))	Longitude of Control Device (Decimal Degrees to 5 Decimals Using the North American Datum of 1983) * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B))	AIM Gas Flow Rate * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B))	Please provide the file name that contains the Records of Visible Emissions Observations * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B)(1)) Please provide only one file per record.	Please provide the file name that contains the Records of Visible Emissions Periods Greater Than 1 Minute During Any 15-Minute Period * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B)(2)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Log * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B)(3)) Please provide only one file per record.	Please provide the file name that contains the Records of Maintenance and Repair Activity * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B)(4)) Please provide only one file per record.	Please provide the file name that contains the Records of Manufacturer's Written Operating Instructions, Maintenance Procedures, and Maintenance Schedule * (§60.5420b(b)(1)(x) and §60.5420b(c)(7)(v)(B)(5)) Please provide only one file per record.
XML Tag:	VesselID	VesselConstructed	VesselLatitude	VesselLongitude	VesselWorkMode	VesselDescription	VesselRepresentedBy	VesselRemovedFlag	VesselRemovedDate	VesselReturnedFlag	VesselReturnDate	EnVision	EnVisionID	DeterminID	EnVisionDate	EnVisionFile	EnVisionRecordID	EnVisionLogID	EnVisionFile	AnnualVisionID	AnnualVisionFile	MaintLogID	MaintLogFile	MaintProcedureID	MaintProcedureFile
	e.g.: Tank 123	e.g.: yes/false	e.g.: 34.12345	e.g.: -101.12345	e.g.: VOC emissions rate is 5.5 lbs/hr. Sentite rate_determination.pdf for more information.	e.g.: On October 12, 2015, the pilot flame was not functioning on the combustion unit controlling the storage vessel.	e.g.: TRC	e.g.: Yes	e.g.: 11/15/15	e.g.: Yes	e.g.: 11/15/15	e.g.: Inspector Guy	e.g.: ABC Contractor	e.g.: 1118B20192	e.g.: 12/08/18	e.g.: purchase_order.pdf or PO2.enviroequipmentfiles.pdf	e.g.: 34.12345	e.g.: -101.12345	e.g.: 1860 scfh	e.g.: p:\office\enviro.pdf or P:\Enviroequipmentfiles.pdf	e.g.: enviroinc.pdf or P:\Enviroinc\Enviroinc.pdf	e.g.: maintlog.pdf or P:\Enviroinc\maintlog.pdf	e.g.: maintactivity.pdf or P:\Enviroinc\maintactivity.pdf	e.g.: enviroinc.pdf or P:\Enviroinc\enviroinc.pdf	e.g.: manualinstruct.pdf or P:\Enviroinc\manualinstruct.pdf

40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report
For the collection of fugitive emissions components at each well site and the collection of fugitive emissions components at each compressor station within the company-defined area, an owner or operator must include the records of each monitoring survey including the information specified in paragraphs (b)(7)(i) through (xii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

																								OGI	Compressor Station Affected Facility Only	
Facility Record No. * (Select from dropdown list - *may need to scroll up*)	Identification of Each Affected Facility * (§60.5420a(b)(1))	Date of Survey * (§60.5420a(b)(7)(i))	Survey Begin Time * (§60.5420a(b)(7)(ii))	Survey End Time * (§60.5420a(b)(7)(iii))	Name of Surveyor * (§60.5420a(b)(7)(iii))	Ambient Temperature During Survey * (§60.5420a(b)(7)(iv))	Sky Conditions During Survey * (§60.5420a(b)(7)(v))	Maximum Wind Speed During Survey * (§60.5420a(b)(7)(v))	Monitoring Instrument Used * (§60.5420a(b)(7)(v))	Deviations From Monitoring Plan (If none, state none.) * (§60.5420a(b)(7)(vi))	Type of Component for which Fugitive Emissions Detected * (§60.5420a(b)(7)(vii))	Number of Each Component Type for which Fugitive Emissions Detected * (§60.5420a(b)(7)(viii))	Type of Component Not Repaired as Required in §60.5397a(b) * (§60.5420a(b)(7)(viii))	Number of Each Component Type Not Repaired as Required in § 60.5397a(b) * (§60.5420a(b)(7)(viii))	Type of Difficult-to-Monitor Components Monitored * (§60.5420a(b)(7)(ix))	Number of Each Difficult-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(ix))	Type of Unsafe-to-Monitor Component Monitored * (§60.5420a(b)(7)(x))	Number of Each Unsafe-to-Monitor Component Type Monitored * (§60.5420a(b)(7)(x))	Date of Successful Repair of Fugitive Emissions Component * (§60.5420a(b)(7)(xi))	Type of Component Placed on Delay of Repair * (§60.5420a(b)(7)(xii))	Number of Each Component Type Placed on Delay of Repair * (§60.5420a(b)(7)(xii))	Explanation for Delay of Repair * (§60.5420a(b)(7)(xii))	Type of Instrument Used to Resurvey Repaired Components Not Repaired During Original Survey * (§60.5420a(b)(7)(xiii))	Training and Experience of Surveyor * (§60.5420a(b)(7)(iii))	Was a monitoring survey waived under § 60.5397a(g)(5)? * (§60.5420a(b)(7))	If a monitoring survey was waived, the calendar months that make up the quarterly monitoring period for which the monitoring survey was waived. * (§60.5420a(b)(7))
XML Tag:	FacId	SurveyDate	SurveyStartTime	SurveyEndTime	SurveyorName	AmbientTemp	SkyCondition	MaxWindSpeed	MonitoringInstrument	PlanDeviation	FugitiveType	FugitiveNum	NotRepairedType	NotRepairedNum	DifficultType	DifficultNum	UnsafeType	UnsafeNum	RepairDate	RepairType	RepairNum	RepairExplanation	ResurveyinstrumentType	SurveyorExperience	SurveyWaivedFlag	SurveyWaivedMonths
	e.g.: Well Site ABC	e.g.: 8/13/17	e.g.: 10:00 am	e.g.: 1:00 pm	e.g.: John Smith	e.g.: 90°F	e.g.: Sunny, no clouds	e.g.: 2 mph	e.g.: Company ABC optical gas imaging camera	e.g.: None	e.g.: Valve	e.g.: 3	e.g.: Valve	e.g.: 1	e.g.: Valve	e.g.: 1	e.g.:Valve	e.g.: 1	e.g.: 11/10/16	e.g.: Valve	e.g.: 1	e.g.: Unsafe to repair until next shutdown	e.g.: Company ABC optical gas imaging camera	e.g.: Trained thermographer; completed 40-hour course at XYZ Training Center. Has 10 years of experience with OGI surveys.	e.g.: Yes	e.g.: January; February; and March
NR1	ADDYSON RICHMOND CTB	2018-10-23	14:30	14:35	Cooper L Fink	56	Clear	0-15	OGI Camera	None	Piping/Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2018-10-23	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR1	ADDYSON RICHMOND CTB	2019-06-13	07:50	08:30	Daniel J Chester	60	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	10	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-26	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR2	AKRON FEDERAL 7 CHARLOTTE 7	2019-04-18	09:28	09:40	Nate J Stanhope	39	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-18	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR3	AUSWAG 4-5 BUD 4-5	2019-06-19	12:27	12:56	Todd A Senescall	68	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 4-7 PAD	2019-06-19	15:50	16:25	Todd A Senescall	68	Sunny	15-25	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 4X-7X PAD	2018-12-06	14:15	14:30	Justin L Collins	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 8-11 PAD	2019-06-19	14:50	15:32	Todd A Senescall	68	Partly Cloudy	15-25	OGI Camera	None	Connection/flange	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 8-11 PAD	2019-06-19	14:50	15:32	Todd A Senescall	68	Partly Cloudy	15-25	OGI Camera	None	Crude Oil Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 8-11 PAD	2019-06-19	14:50	15:32	Todd A Senescall	68	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR5	ANDERSON 8X-11X PAD	2018-12-06	14:30	14:49	Justin L Collins	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR7	ANNA 2-9 PAD	2019-06-25	09:45	10:15	Nate D Sem	61	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-25	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR7	ANNA 2-9 PAD	2019-06-25	09:45	10:15	Nate D Sem	61	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	6	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-25	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR8	ANTELOPE 5-13 BOHMBACH 5-7 9-14 CTB	2019-05-09	02:00	02:30	Tim R Ibe	40	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	6	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR8	ANTELOPE 5-13 BOHMBACH 5-7 9-14 CTB	2019-05-09	02:00	02:30	Tim R Ibe	40	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	7	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR8	ANTELOPE 5-13 BOHMBACH 5-7 9-14 CTB	2019-02-18	14:07	14:23	Chancy A Wolff	3	Sunny	0-15	OGI Camera	None	Pit flares/engineered flares	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-02-18	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR9	BAILEY 4-12 WILEY 4-12 CTB	2018-11-27	11:00	11:10	Tim R Ibe	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR9	BAILEY 4-12 WILEY 4-12 CTB	2019-05-20	09:19	09:26	Tim R Ibe	55	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR10	BARD FEDERAL 2-34H	2019-04-05	12:35	12:51	Nate J Stanhope	48	Clear	15-25	OGI Camera	None	Connection/flange	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR10	BARD FEDERAL 2-34H	2019-04-05	12:35	12:51	Nate J Stanhope	48	Clear	15-25	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR11	BICE-DOLEZAL CTB	2018-12-12	11:46	12:01	Chancy A Wolff	30	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR11	BICE-DOLEZAL CTB	2019-06-05	10:50	11:04	Chancy A Wolff	75	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-05	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR14	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	2018-11-28	13:09	13:30	Chancy A Wolff	46	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR14	BRANDVIK 3-11 STATE WEYDAHL 2-11 CTB	2019-01-31	08:55	09:08	Chancy A Wolff	13	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR23	BRANDUS FED 1 CHARDIAS NORTH FED 1	2019-04-24	14:20	14:40	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR16	BRATLIEN 3-5 MELGAARD 2-4	2018-10-31	11:15	11:18	Cooper L Fink	34	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR16	BRATLIEN 3-5 MELGAARD 2-4	2019-05-20	15:25	15:35	Nate D Sem	60	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR92	BRIDGER 10-11 BRIDGER 44	2018-10-31	09:28	09:38	Chancy A Wolff	44	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR12	BRIDGER 4-11 BONNEVILLE 4-6 CTB	2018-10-31	09:12	09:26	Chancy A Wolff	40	Clear	0-15	OGI Camera	None	Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2018-10-31	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR12	BRIDGER 4-11 BONNEVILLE 4-6 CTB	2019-06-06	11:22	11:43	Chancy A Wolff	80	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR12	BRIDGER 4-11 BONNEVILLE 4-6 CTB	2019-06-06	11:22	11:43	Chancy A Wolff	80	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR12	BRIDGER 4-11 BONNEVILLE 4-6 CTB	2019-06-06	11:22	11:43	Chancy A Wolff	80	Clear	0-15	OGI Camera	None	Vent Line	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR92	BRIDGER 44-14H	2019-06-06	13:01	13:09	Chancy A Wolff	75	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR17	BURIAN 4-27H	2019-02-06	12:15	12:30	Chancy A Wolff	-15	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-02-07	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR18	BURR FEDERAL 1-24 PAD	2019-04-10	11:00	11:30	Nate D Sem	23	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-10	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR19	CANDEE 4-8 KUKLA 4-7 CTB	2018-10-11	09:00	09:20	Chancy A Wolff	28	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR19	CANDEE 4-8 KUKLA 4-7 CTB	2019-06-05	09:07	09:23	Chancy A Wolff	70	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-05	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR20	CARSON PEAK 4-8 MORRIS 7-8 CTB	2019-05-30	09:56	10:20	Chancy A Wolff	75	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-30	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR20	CARSON PEAK 4-8 MORRIS 7-8 CTB	2019-05-30	09:56	10:20	Chancy A Wolff	75	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-30	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR95	CARUS 13-28H	2018-10-11	13:28	13:40	Chancy A Wolff	40	Clear	0-15	OGI Camera	None	Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2018-10-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR95	CARUS 13-28H	2019-07-11	10:39	10:50	Chancy A Wolff	67	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-16	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR95	CARUS 13-28H	2019-05-28	12:31	12:39	Chancy A Wolff	65	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR21	CARUS 4-12 CTB	2019-07-11	11:13	11:43	Chancy A Wolff	82	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR21	CARUS 4-12 CTB	2019-07-11	11:13	11:43	Chancy A Wolff	82	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR22	CHARLESTON 4-5 OLYMPIA 4-5	2018-10-16	12:58	13:02	Cooper L Fink	44	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR22	CHARLESTON 4-5 OLYMPIA 4-5	2019-06-13	10:19	10:34	Chancy A Wolff	65	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	8	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-13	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR24	CHICAGO 5-6 SYRACUSE 5-6	2019-05-02	11:23	11:38	Nate J Stanhope	48	Clear	15-25	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-02	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR24	CHICAGO 5-6 SYRACUSE 5-6	2019-05-02	11:23	11:38	Nate J Stanhope	48	Clear	15-25	OGI Camera	None	Vent Line	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR25	CHICAGO 7 SYRACUSE 7	2019-05-02	10:35	10:45	Nate J Stanhope	48	Clear	15-25	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR26	COLLISON 9-13 RADER 4	2019-06-19	15:00	15:30	Nate D Sem	69	Partly Cloudy	0-15	OGI Camera	None	Connection/flange	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR26	COLLISON 9-13 RADER 4	2019-06-19	15:00	15:30	Nate D Sem	69	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	6	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR26	COLLISON 9-13 RADER 4	2019-06-19	15:00	15:30	Nate D Sem	69	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR27	COLTER 5-6 9-14 CTB	2019-05-07	10:30	10:49	Chancy A Wolff	46	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR27	COLTER 5-6 9-14 CTB	2019-03-20	10:17	10:37	Chancy A Wolff	40	Sunny	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-03-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR28	COLTER 7-8 HAWKINSON 16 MORRIS 4-6	2019-04-15	12:22	12:40	Chancy A Wolff	55	Partly Cloudy	15-25	OGI Camera	None	Crude Oil Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR29	CORSICAN FEDERAL 1-8 PAD	2019-04-23	14:25	14:45	Nate D Sem	55	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-01	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR29	CORSICAN FEDERAL 1-8 PAD	2019-04-23	14:25	14:45	Nate D Sem	55	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-01	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR30	CUSKELLY 3-4 THORVALD 3-4	2018-11-26	14:00	14:20	Chancy A Wolff	25	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR30	CUSKELLY 3-4 THORVALD 3-4	2019-06-19	10:22	10:37	Chancy A Wolff	60	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR4	FLORIDA FEDERAL 4-5 ALPHA 4-5	2019-05-08	11:05	11:36	Nate J Stanhope	48	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-08	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR32	GARFIELD 4-7 PAD	2019-05-15	10:30	10:49	Nate J Stanhope	65	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A

NR36	HAWKINSON 1-22H	2018-10-12	12:10	12:20	Chancy A Wolff	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR36	HAWKINSON 1-22H	2019-05-28	09:50	10:02	Chancy A Wolff	58	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR93	HAWKINSON 2 3 WHITMAN 2 3	2018-10-11	12:42	12:51	Chancy A Wolff	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR93	HAWKINSON 2 3 WHITMAN 2 3	2019-05-20	11:29	11:41	Chancy A Wolff	56	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR84	HAYES 2 3 STANGELAND 2 3	2019-06-24	13:50	14:05	Natie D Sem	68	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR84	HAYES 2 3 STANGELAND 2 3	2019-06-24	13:50	14:05	Natie D Sem	68	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR37	HAYES 4 5 STANGELAND 4 5	2019-06-24	14:19	14:30	Natie D Sem	68	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR38	HAYES 6 7 PAD	2019-06-24	14:48	14:58	Natie D Sem	68	Partly Cloudy	15-25	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR39	HELENA 8 SPRINGFIELD 2-6	2019-04-17	16:10	16:40	Natie D Sem	53	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR41	HENDRICKSN FED 14 HOLSTEIN FED 15 16 GRP	2019-05-09	11:01	11:12	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR40	HENDRICKSON CTB	2018-12-12	01:20	01:40	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2018-12-12	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR40	HENDRICKSON CTB	2018-12-12	01:20	01:40	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2018-12-12	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR40	HENDRICKSON CTB	2019-06-20	06:18	06:18	Tim R Ibe	60	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR42	HEREFORD FEDERAL 1-9 PAD	2019-07-12	14:29	14:35	Tim R Ibe	79	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR42	HEREFORD FEDERAL 1-9 PAD	2019-05-09	12:14	12:24	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR44	HOLSTEIN 2 HOLSTEIN 13	2018-12-12	12:25	12:35	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR44	HOLSTEIN 2 HOLSTEIN 13	2019-05-09	12:50	12:55	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR43	HOLSTEIN 3-12 CTB	2018-10-12	10:00	10:15	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR43	HOLSTEIN 3-12 CTB	2019-05-09	11:55	12:06	Tim R Ibe	40	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	6	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR45	HONOLULU 4-6 PAD	2019-08-01	10:14	10:43	Natie J Stanhope	82	Partly Cloudy	15-25	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR47	JEFFERSON 3-5 8-10 CTB	2019-06-24	12:15	12:25	Natie D Sem	68	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR48	JENSEN-MITTLESTADT CTB	2019-06-05	09:30	09:44	Chancy A Wolff	72	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR48	JENSEN-MITTLESTADT CTB	2019-01-31	10:44	10:58	Chancy A Wolff	20	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR49	JERSEY 1-8 PAD	2019-04-24	12:40	13:10	Natie D Sem	50	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR49	JERSEY 1-8 PAD	2019-04-24	12:40	13:10	Natie D Sem	50	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR50	JERSEY 23-29 PAD	2019-04-24	11:45	12:30	Natie D Sem	50	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR50	JERSEY 23-29 PAD	2019-04-24	11:45	12:30	Natie D Sem	50	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR51	JUNEAU 10 11 PAD	2019-06-12	13:00	13:14	Daniel J Chester	68	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR53	KENNEDY 1 2 5-8 MILES 1 2 5-8 CTB	2018-11-27	10:00	10:10	Tim R Ibe	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR53	KENNEDY 1 2 5-8 MILES 1 2 5-8 CTB	2019-06-06	13:23	13:33	Tim R Ibe	80	Clear	15-25	OGI Camera	None	Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-13	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR54	KUHN 6 7 PATTERSON 6 7	2019-05-08	10:06	10:30	Natie J Stanhope	48	Partly Cloudy	0-15	OGI Camera	None	Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR55	LANSING 5-6 8-9 STEELE 5-6 8-9	2019-05-02	12:34	12:51	Natie J Stanhope	48	Clear	15-25	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-03	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR56	MARYLAND 2-5 PAD	2019-06-19	13:45	14:00	Natie D Sem	70	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR56	MARYLAND 2-5 PAD	2019-06-19	13:45	14:00	Natie D Sem	70	Partly Cloudy	0-15	OGI Camera	None	Other equipment	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR57	MCCUNTDCK 8-14H	2019-04-17	13:50	14:25	Natie D Sem	45	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR58	MONROE 10-13 PAD	2019-05-15	15:07	15:23	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-16	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR58	MONROE 10-13 PAD	2019-05-15	15:07	15:23	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-17	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR59	MONROE 6-9 PAD	2019-05-15	14:43	15:04	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-16	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR59	MONROE 6-9 PAD	2019-05-15	14:43	15:04	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-17	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR61	MOUNTAIN GAP 2-6 11-12 PAD	2018-11-29	13:37	14:14	Chancy A Wolff	45	Clear	0-15	OGI Camera	None	Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2018-11-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR61	MOUNTAIN GAP 2-6 11-12 PAD	2019-06-19	11:33	11:56	Chancy A Wolff	60	Partly Cloudy	0-15	OGI Camera	None	Crude Oill Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR61	MOUNTAIN GAP 2-6 11-12 PAD	2019-06-19	11:33	11:56	Chancy A Wolff	60	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR94	MOUNTAIN GAP 11-1DH	2018-11-29	10:05	10:15	Chancy A Wolff	34	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR94	MOUNTAIN GAP 11-1DH	2019-06-19	11:11	11:21	Chancy A Wolff	60	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR60	MOUNTAIN GAP 7-1D PAD	2018-12-10	10:30	10:50	Chancy A Wolff	34	Clear	0-15	OGI Camera	None	Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2018-12-10	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR60	MOUNTAIN GAP 7-1D PAD	2019-05-20	11:46	12:07	Chancy A Wolff	57	Clear	0-15	OGI Camera	None	Crude Oill Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR60	MOUNTAIN GAP 7-1D PAD	2019-05-20	11:46	12:07	Chancy A Wolff	57	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR62	NASHVILLE 2-5 PAD	2019-06-19	12:48	13:05	Natie D Sem	70	Partly Cloudy	0-15	OGI Camera	None	Pressure relief device/valve	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR62	NASHVILLE 2-5 PAD	2019-06-19	12:48	13:05	Natie D Sem	70	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR52	NORDENG 2 3 KELLOGG RANCH 2 3	2018-12-12	10:45	10:50	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR52	NORDENG 2 3 KELLOGG RANCH 2 3	2019-06-06	12:49	12:49	Tim R Ibe	80	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR63	NORFOLK 8-11 PAD	2019-04-11	15:00	15:20	Daniel J Chester	39	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-11	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR64	NORWAY 2-9 CTB	2018-11-27	09:25	09:30	Tim R Ibe	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR64	NORWAY 2-9 CTB	2019-05-22	09:45	10:00	Tim R Ibe	60	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-22	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR65	OAKDALE 2-10 RYDEN 2-9 CTB	2018-10-31	10:35	10:49	Chancy A Wolff	45	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR65	OAKDALE 2-10 RYDEN 2-9 CTB	2019-06-06	13:18	13:31	Chancy A Wolff	80	Clear	0-15	OGI Camera	None	Crude Oill Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2018-12-17	10:35	10:50	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2018-11-10	10:00	10:25	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2019-05-29	12:06	12:35	Tim R Ibe	71	Clear	0-15	OGI Camera	None	Crude Oill Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2019-05-29	12:06	12:35	Tim R Ibe	71	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2019-03-06	12:20	12:50	Tim R Ibe	16	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR67	OMUD 2-8 RANSOM 2-9 CTB	2019-02-01	10:00	10:50	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR66	OMUD 9 10 GRDUP	2019-05-29	12:47	13:00	Tim R Ibe	71	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR66	OMUD 9 10 GRDUP	2019-03-06	12:00	12:20	Tim R Ibe	16	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR68	PASADENA 2 3 MONROE 2 3	2018-12-11	10:40	10:59	Justin L Collins	30	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR68	PASADENA 2 3 MONROE 2 3	2019-05-15	14:02	14:21	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR68	PASADENA 2 3 MONROE 2 3	2019-05-15	14:02	14:21	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR69	PASADENA 4-9 PAD	2018-12-11	10:35	10:00	Justin L Collins	78	Clear	0-15	OGI Camera	None	Tank	3	N/A	N/A	N/A	N/A	N/A	N/A	2018-12-19	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR69	PASADENA 4-9 PAD	2019-05-15	15:41	16:03	Natie J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Crude Oill Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A

NR69	PASADENA 4-9 PAD	2019-05-15	15:41	16:03	Nate J Stanhope	73	Partly Cloudy	15-25	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR70	PETERSON 2-7 PAD	2019-06-18	09:02	09:15	Nate D Sem	58	Partly Cloudy	0-15	OGI Camera	None	Connection/flange	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-18	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR70	PETERSON 2-7 PAD	2019-06-18	09:02	09:15	Nate D Sem	58	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-18	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR70	PETERSON 2-7 PAD	2019-02-22	09:45	10:10	Nate D Sem	-9	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-02-22	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR70	PETERSON 2-7 PAD	2019-02-22	09:45	10:10	Nate D Sem	-9	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-02-22	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR71	PITTSBURGH 3 UHLMAN FED 2 3	2019-05-15	10:56	11:07	Nate J Stanhope	65	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-15	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR31	PLETAN 5-7 DVIRNAK 4-9	2018-11-19	13:30	13:52	Cheney A Wolff	14	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR31	PLETAN 5-7 DVIRNAK 4-9	2019-06-05	10:00	10:12	Cheney A Wolff	75	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-05	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR72	PUTNAM 6-11 PAD	2019-06-17	14:55	15:35	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Connection/flange	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-01	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR72	PUTNAM 6-11 PAD	2019-06-17	14:55	15:35	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	11	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-28	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR72	PUTNAM 6-11 PAD	2019-06-17	14:55	15:35	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-28	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR73	RADER 154-100-24-25-1H	2018-10-02	14:00	14:05	Cooper L Fink	55	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR75	RADERMECHER 2-4 PAD	2018-12-12	12:15	12:25	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR75	RADERMECHER 2-4 PAD	2019-05-31	11:37	11:44	Tim R Ibe	57	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-31	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR74	RADERMECHER 5-14 CTB	2018-11-19	10:35	10:51	Cheney A Wolff	12	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR74	RADERMECHER 5-14 CTB	2019-05-31	11:47	11:59	Tim R Ibe	57	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR76	RATH FEDERAL 5-13 PAD	2019-04-23	11:00	12:30	Nate D Sem	53	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	3	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-23	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR76	RATH FEDERAL 5-13 PAD	2019-04-23	11:00	12:30	Nate D Sem	53	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	7	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-06	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR77	RAVIN CTB	2019-07-29	09:35	09:49	Tim R Ibe	70	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	10	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR77	RAVIN CTB	2019-07-29	09:35	09:49	Tim R Ibe	70	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	10	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR39	ROLF-SPRINGFIELD 3-6 CTB	2019-06-12	13:40	13:55	Nate D Sem	67	Clear	0-15	OGI Camera	None	Pressure relief device/valve	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-26	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR39	ROLF-SPRINGFIELD 3-6 CTB	2019-06-12	13:40	13:55	Nate D Sem	67	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-28	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR39	ROLF-SPRINGFIELD 3-6 CTB	2019-04-17	15:30	16:10	Nate D Sem	53	Partly Cloudy	0-15	OGI Camera	None	Connection/flange	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-17	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR39	ROLF-SPRINGFIELD 3-6 CTB	2019-04-17	15:30	16:10	Nate D Sem	53	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-18	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR79	ROSENQUIST 7 VATNE 7	2019-05-29	09:30	09:45	Nate D Sem	63	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR79	ROSENQUIST 7 VATNE 7	2019-05-29	09:30	09:45	Nate D Sem	63	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR80	SAKAKAWEA FEDERAL CTB	2019-05-09	11:25	11:44	Tim R Ibe	40	Clear	0-15	OGI Camera	None	Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR80	SAKAKAWEA FEDERAL CTB	2019-05-09	11:25	11:44	Tim R Ibe	40	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	6	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR80	SAKAKAWEA FEDERAL CTB	2019-02-01	10:00	10:45	Tim R Ibe	25	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR81	SALERS FEDERAL 4-5 PAD	2018-12-12	08:50	08:55	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR81	SALERS FEDERAL 4-5 PAD	2019-04-29	12:15	12:25	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR81	SALERS FEDERAL 4-5 PAD	2019-03-06	01:10	01:20	Tim R Ibe	16	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR82	SORENSON 10-11 PAD	2019-06-14	09:08	09:45	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-14	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR83	SORENSON 3-5 SORENSON 7-9	2019-07-03	12:45	13:14	Nate D Sem	63	Partly Cloudy	0-15	OGI Camera	None	Pressure relief device/valve	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-03	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR83	SORENSON 3-5 SORENSON 7-9	2019-07-03	12:45	13:14	Nate D Sem	63	Partly Cloudy	0-15	OGI Camera	None	Connection	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-03	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR83	SORENSON 3-5 SORENSON 7-9	2019-07-03	12:45	13:14	Nate D Sem	63	Partly Cloudy	0-15	OGI Camera	None	Vent Line	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-09	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR89	SORENSON 6-7 THRONSON 4-9	2019-04-24	16:40	17:00	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR84	STANGELAND 8-9 PAD	2019-06-24	13:30	13:45	Nate D Sem	69	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR84	STANGELAND 8-9 PAD	2019-06-24	13:30	13:45	Nate D Sem	69	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR85	STIVE 1-34H	2019-05-20	12:30	12:40	Nate D Sem	60	Clear	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-20	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR86	SYVERSON 2-4 PAD	2019-06-17	12:28	12:50	Nate D Sem	62	Partly Cloudy	0-15	OGI Camera	None	Connection/flange	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-29	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR86	SYVERSON 2-4 PAD	2019-06-17	12:28	12:50	Nate D Sem	62	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank PRV/Valve/Vapor Line	7	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-26	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR86	SYVERSON 2-4 PAD	2019-06-17	12:28	12:50	Nate D Sem	62	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-07-01	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR87	TARENTAISE FEDERAL 1-13 CTB	2018-10-12	12:00	12:25	Tim R Ibe	40	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR87	TARENTAISE FEDERAL 1-13 CTB	2019-05-09	13:18	13:28	Tim R Ibe	40	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR88	TERESA D 1-10H	2019-05-01	09:25	09:30	Nate D Sem	33	Partly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR90	TOPEKA 4-5 PAD	2018-10-23	10:24	10:29	Cooper L Fink	41	Clear	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR90	TOPEKA 4-5 PAD	2019-06-12	11:42	11:56	Cheney A Wolff	70	Clear	0-15	OGI Camera	None	Crude Oil Tank Hatch	4	N/A	N/A	N/A	N/A	N/A	N/A	2019-06-12	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR15	VACHAL 6-11 PAD	2019-04-24	14:40	15:10	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Crude Oil Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR15	VACHAL 6-11 PAD	2019-04-24	14:40	15:10	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR15	VACHAL 6-11 PAD	2019-04-24	14:40	15:10	Nate D Sem	65	Partly Cloudy	0-15	OGI Camera	None	Other equipment	1	N/A	N/A	N/A	N/A	N/A	N/A	2019-04-24	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A
NR91	VARDON 2-5 PAD	2018-11-27	00:10	00:15	Tim R Ibe	20	Mostly Cloudy	0-15	OGI Camera	None	None	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Operator trained according to company policies/procedures	N/A	N/A
NR91	VARDON 2-5 PAD	2019-05-22	08:50	09:00	Tim R Ibe	60	Partly Cloudy	0-15	OGI Camera	None	Produced Water Tank Hatch	2	N/A	N/A	N/A	N/A	N/A	N/A	2019-05-22	N/A	N/A	N/A	OGI Camera	Operator trained according to company policies/procedures	N/A	N/A

DO NOT REMOVE OR EDIT INFORMATION IN THIS SECTION	
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40 CFR Part 60 - Standards of Performance for Crude Oil and Natural Gas Facilities for which Construction, Modification or Reconstruction Commenced After September 18, 2015 - 60.5420a(b) Annual Report

For each pneumatic pump affected facility, an owner or operator must include the information specified in paragraphs (b)(8)(i) through (iii) of this section in all annual reports:

The asterisk (*) next to each field indicates that the corresponding field is required.

					Pneumatic Pumps Previously Reported that have a Change in Reported Condition During the Reporting Period				
Facility Record No. (Select from dropdown list-may need to scroll up)	Identification of Each Pump * (§60.5420a(b)(8)(i))	Was the pneumatic pump constructed, modified, or reconstructed during the reporting period? * (§60.5420a(b)(8)(i))	Which condition does the pneumatic pump meet? * (§60.5420a(b)(8)(i))	If you route emissions to a control device or process and the control device is designed to achieve <95% emission reduction, specify the percent emissions reduction. (§60.5420a(b)(8)(i)(C))	Identification of Each Pump (§60.5420a(b)(8)(ii))	Date Previously Reported* (§60.5420a(b)(8)(ii))	Which condition does the pneumatic pump meet? (§60.5420a(b)(8)(ii))	If you now route emissions to a control device and the control device is designed to achieve <95% emissions reduction, specify the percent emissions reduction. * (§60.5420a(b)(8)(ii) and §60.5420a(b)(8)(i)(C))	Records of deviations where the pneumatic pump was not operated in compliance with requirements* (§60.5420a(b)(8)(iii) and §60.5420a(c)(16)(ii))
XML Tag:	PumpId	PumpConstruct	PumpCondition	PumpReductionPercent	PumpChangeId	PumpChangeDate	PumpChangeCondition	PumpChangeReductionPercent	PumpDeviation
	e.g.: Pump 12-e-2	e.g.: modified	e.g.: Emissions are routed to a control device or process	e.g.: 90%	e.g.: Pump 12-e-2	e.g.: 10/15/17	e.g.: Control device or process removed and technically infeasible to route elsewhere	e.g.: 90%	e.g.: deviation of the CVS inspections

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