

Production D Site Name	Meter Descriptio	Sum of Vol Notes
4/9/2023 Astrodog Pad S CTB LP Flare Meter		103
4/9/2023 Ovation Pad O CTB LP Flare Meter		1,284
4/9/2023 Ovation Pad Q CTB Ovation Pad Q LP		732
4/9/2023 Saturninus Pad V C1 LP Flare Meter		356
4/10/2023 Astrodog Pad S CTB LP Flare Meter		346
4/10/2023 Culebra Bluff CTB 3 LP Flare Meter		263
4/10/2023 Ovation Pad O CTB HP Flare Meter		167
4/10/2023 Ovation Pad O CTB LP Flare Meter		1,616
4/10/2023 Ovation Pad Q CTB Ovation Pad Q LP		766
4/10/2023 Rana Salada FC Pad RS Pad A HP Flare		589
4/10/2023 Rana Salada FC Pad RS Pad E HP Flare		994
4/10/2023 Saturninus Pad V C1 LP Flare Meter		338
4/11/2023 Astrodog Pad S CTB HP Flare Meter		128
4/11/2023 Astrodog Pad S CTB LP Flare Meter		298
4/11/2023 Culebra Bluff CTB 3 LP Flare Meter		194
4/11/2023 Ovation Pad O CTB HP Flare Meter		777
4/11/2023 Ovation Pad O CTB LP Flare Meter		1,024
4/11/2023 Ovation Pad Q CTB Ovation Pad Q LP		839
4/11/2023 Saturninus Pad V C1 LP Flare Meter		323
4/12/2023 Astrodog Pad S CTB LP Flare Meter		303
4/12/2023 Culebra Bluff CTB 3 LP Flare Meter		186
4/12/2023 Ovation Pad O CTB HP Flare Meter		920
4/12/2023 Ovation Pad O CTB LP Flare Meter		1,353
4/12/2023 Ovation Pad Q CTB Ovation Pad Q LP		754
4/12/2023 Saturninus Pad V C1 LP Flare Meter		371
4/13/2023 Astrodog Pad S CTB HP Flare Meter		97
4/13/2023 Astrodog Pad S CTB LP Flare Meter		222
4/13/2023 Culebra Bluff CTB 3 LP Flare Meter		185
4/13/2023 Ovation Pad O CTB HP Flare Meter		603
4/13/2023 Ovation Pad O CTB LP Flare Meter		1,428
4/13/2023 Ovation Pad Q CTB Ovation Pad Q LP		732
4/13/2023 Rana Salada FC Pad RS Pad A HP Flare		592
4/13/2023 Rana Salada FC Pad RS Pad E HP Flare		881
4/13/2023 Rana Salada FC Pad RS Pad E LP Flare		157
4/13/2023 Saturninus Pad V C1 LP Flare Meter		374
4/14/2023 Astrodog Pad S CTB LP Flare Meter		309
4/14/2023 Culebra Bluff CTB 3 LP Flare Meter		107
4/14/2023 Ovation Pad O CTB HP Flare Meter		808
4/14/2023 Ovation Pad O CTB LP Flare Meter		1,271
4/14/2023 Ovation Pad Q CTB Ovation Pad Q LP		718
4/14/2023 Rana Salada FC Pad RS Pad E LP Flare		184
4/14/2023 Saturninus Pad V C1 LP Flare Meter		373
4/15/2023 Astrodog Pad S CTB LP Flare Meter		95
4/15/2023 Culebra Bluff CTB 2 LP Flare Meter		50

4/15/2023	Culebra Bluff CTB 3 LP Flare Meter	54
4/15/2023	Ovation Pad O CTB HP Flare Meter	51
4/15/2023	Ovation Pad O CTB LP Flare Meter	1,206
4/15/2023	Ovation Pad Q CTB Ovation Pad Q LP	666
4/15/2023	Saturninus Pad V C1LP Flare Meter	309
4/16/2023	Culebra Bluff CTB 2 LP Flare Meter	69
4/16/2023	Ovation Pad O CTB LP Flare Meter	982
4/16/2023	Ovation Pad Q CTB Ovation Pad Q LP	488
4/16/2023	Saturninus Pad V C1LP Flare Meter	316
4/17/2023	Cassius Pad X CTB HP Flare Meter	280 gas too inconsistent for sales
4/17/2023	Culebra Bluff CTB 2 LP Flare Meter	72
4/17/2023	Ovation Pad O CTB LP Flare Meter	666
4/17/2023	Ovation Pad Q CTB Ovation Pad Q LP	532
4/17/2023	Saturninus Pad V C1LP Flare Meter	329
4/18/2023	Cassius Pad X CTB HP Flare Meter	141 gas too inconsistent for sales
4/18/2023	Culebra Bluff CTB 2 LP Flare Meter	59
4/18/2023	Ovation Pad O CTB LP Flare Meter	896
4/18/2023	Ovation Pad Q CTB Ovation Pad Q LP	349
4/18/2023	Saturninus Pad V C1LP Flare Meter	332
4/19/2023	Cassius Pad X CTB HP Flare Meter	269 gas too inconsistent for sales
4/19/2023	Ovation Pad O CTB LP Flare Meter	648
4/19/2023	Ovation Pad Q CTB Ovation Pad Q LP	158
4/19/2023	Saturninus Pad V C1LP Flare Meter	337
4/20/2023	Cassius Pad X CTB HP Flare Meter	136
4/20/2023	Ovation Pad O CTB LP Flare Meter	1,157
4/20/2023	Ovation Pad Q CTB Ovation Pad Q LP	103
4/20/2023	Saturninus Pad V C1LP Flare Meter	327
4/21/2023	Ovation Pad O CTB LP Flare Meter	1,187
4/21/2023	Ovation Pad Q CTB Ovation Pad Q LP	200
4/21/2023	Saturninus Pad V C1LP Flare Meter	329
4/22/2023	Ovation Pad O CTB LP Flare Meter	738
4/22/2023	Ovation Pad Q CTB Ovation Pad Q LP	106
4/22/2023	Saturninus Pad V C1LP Flare Meter	324



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GAS EXTENDED ANALYSIS REPORT

LAB REPORT NUMBER: 210505-9999-05-050521-22

PHYSICAL CONSTANTS PER GPA 2145-09 & TP-17 (1998)

CUSTOMER :	NOVO OIL AND GAS	DATE ON:	05/03/2021
STATION:	RANA SALADA PAD E VRU METER	DATE ANALYZED:	05/05/2021
PRODUCER:	NOVO OIL AND GAS	EFFECTIVE DATE:	05/01/2021
LEASE:	RANA SALADA PAD E VRU METER	DATE OFF:	

<u>COMPONENT</u>	<u>MOLE %</u>	<u>GPM</u>	<u>WT. %</u>
H2S	0.000		0.000
OXYGEN	0.001		0.001
NITROGEN	0.113		0.086
CARBON DIOXIDE	0.156		0.186
METHANE	32.796		14.251
ETHANE	22.488	6.088	18.316
PROPANE	20.989	5.854	25.066
I-BUTANE	4.653	1.541	7.325
N-BUTANE	10.001	3.192	15.745
I-PENTANE	2.675	0.990	5.228
N-PENTANE	2.853	1.047	5.575
HEXANES (C6's)	1.911	0.794	4.460
HEPTANES (C7+)	1.147	0.508	3.089
OCTANES (C8+)	0.206	0.103	0.634
NONANES (C9+)	0.005	0.001	0.015
DECANES (C10+)	0.006	0.003	0.023
TOTAL	100.000	20.121	100.000

REAL SP. GRAVITY	1.2902	REAL BTU DRY	2151.830
MOL. WT.	36.919	REAL BTU SAT	2114.367
Z FACTOR	0.9876	PRESS BASE	14.730
C2+ GPM	20.121	C4+ GPM	8.179
C3+ GPM	14.033	C5+ GPM	3.446
C6-C10+ MOL WT	101.513	C6-C10+ GRAVITY	3.496

SAMPLED BY	MH	SAMPLE PRESS:	166
SAMPLE TYPE:	SPOT	SAMPLE TEMP:	171
CYLINDER NO.:	2014	COUNTY / STATE:	14.73
COMMENT:	SPOT	ANALYST	MIKE HOBGOOD

* SEE NEXT PAGE FOR C6+ COMPOSITIONAL BREAKDOWN
 PAGE 1 OF 3
 05-17-2021



Athens, TX (903) 677-0700 . Beeville, TX (361) 354-5200 . Midland, TX (432) 704-5351

STATION: RANA SALADA PAD E VR LEASE: RANA SALADA PAD E VRU METER

C6+ FRACTION COMPOSITION

<u>HEXANE ISOMERS (C6'S)</u>		<u>MOLE %</u>	<u>GPM</u>	<u>WT. %</u>
2,2-Dimethylbutane	P	0.083	0.035	0.193
2,3-Dimethylbutane	PN	0.000	0.000	0.000
2-Methylpentane	P	0.226	0.095	0.527
3-Methylpentane	P	0.487	0.201	1.137
Methylcyclopentane	N	0.000	0.000	0.000
Benzene	A	0.000	0.000	0.000
Cyclohexane	N	0.012	0.004	0.028
n-Hexane	P	1.103	0.459	2.575
<u>HEPTANE ISOMERS (C7'S)</u>				
3,3-Dimethylpentane	P	0.001	0.000	0.002
2,2-Dimethylpentane	P	0.000	0.000	0.000
2,4-Dimethylpentane	P	0.142	0.067	0.386
2 & 3-Methylhexane	P	0.258	0.120	0.700
2,3-Dimethylpentane	P	0.033	0.015	0.091
1,t-3-Dimethylcyclopentane	N	0.000	0.000	0.000
1,c-3-Dimethylcyclopentane	N	0.000	0.000	0.000
3-Ethylpentane	N	0.000	0.000	0.000
1,t-2-Dimethylcyclopentane	N	0.000	0.000	0.000
Toluene	A	0.018	0.006	0.046
Methylcyclohexane	N	0.408	0.166	1.085
Ethylcyclopentane	N	0.000	0.000	0.000
n-Heptane	P	0.287	0.134	0.779
<u>OCTANE ISOMERS (C8'S)</u>				
2,4 & 2,5-Dimethylhexane	P	0.009	0.005	0.029
2,2,4-Trimethylpentane	N	0.000	0.000	0.000
1,t-2,c-4-Trimethylcyclopentane	N	0.000	0.000	0.000
1,t-2,c-3-Trimethylcyclopentane	N	0.000	0.000	0.000
2-Methylheptane	P	0.056	0.029	0.173
1,c-2,t-4-Trimethylcyclopentane	N	0.000	0.000	0.000
3-Methylheptane	P	0.026	0.013	0.081
1,c-3-Dimethylcyclohexane	N	0.008	0.004	0.024
1,t-4-Dimethylcyclohexane	N	0.000	0.000	0.000
methyl-ethylcyclopentanes	N	0.000	0.000	0.000
1,t-3 & 1,c-4 Dimethylcyclohexane	N	0.012	0.006	0.038
1,c-2-Dimethylcyclohexane	N	0.006	0.003	0.000
Ethylcyclohexane	N	0.016	0.007	0.050
Ethylbenzene	A	0.003	0.001	0.010
m & p-Xylene	A	0.002	0.001	0.006
o-Xylene	A	0.002	0.001	0.005
Cyclooctane	P	0.001	0.000	0.002
n-Octane	P	0.064	0.033	0.199



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STATION: RANA SALADA PAD E VR LEASE: RANA SALADA PAD E VRU METER

C6+ FRACTION COMPOSITION

<u>NONANE ISOMERS (C9'S)</u>		<u>MOLE %</u>	<u>GPM</u>	<u>WT. %</u>
Trimethylhexanes	P	0.000	0.000	0.000
Dimethylpentanes	P	0.000	0.000	0.000
Isopropylcyclopentane	N	0.000	0.000	0.000
n-Propylcyclopentane	N	0.000	0.000	0.000
3-Methyloctane	P	0.000	0.000	0.000
Trimethylcyclohexanes	N	0.000	0.000	0.000
Isopropylbenzene	A	0.001	0.000	0.003
Isopropylcyclohexane	N	0.000	0.000	0.000
n-Propylcyclohexane	N	0.000	0.000	0.002
n-Propylbenzene	A	0.001	0.000	0.002
m-Ethyltoluene	A	0.000	0.000	0.000
p-Ethyltoluene	A	0.000	0.000	0.000
1,3,5-Trimethylbenzene	A	0.000	0.000	0.001
4 & 5-Methylnonane	P	0.000	0.000	0.000
o-Ethyltoluene & 3-Methylnonane	AP	0.000	0.000	0.000
1,2,3-Trimethylbenzene	A	0.000	0.000	0.000
1,2,4-Trimethylbenzene	A	0.001	0.001	0.004
n-Nonane	P	0.001	0.000	0.003
<u>DECANE ISOMERS (C10'S)</u>				
2-Methylnonane	P	0.000	0.000	0.000
tert-Butylbenzene	A	0.004	0.002	0.013
Isobutylcyclohexane & tert-Butylcyclohexane		0.000	0.000	0.000
Isobutylbenzene	A	0.000	0.000	0.000
sec-Butylbenzene	A	0.000	0.000	0.000
n-Butylcyclohexane	N	0.002	0.001	0.008
1,3-Diethylbenzene	A	0.000	0.000	0.000
1,2-Diethylbenzene & n-Butylbenzene	A	0.001	0.000	0.002
1,4-Diethylbenzene	A	0.000	0.000	0.000
n-Decane	P	0.000	0.000	0.000
<u>UNDECANE ISOMERS (C11'S)</u>				
n-Undecane	P	0.000	0.000	0.000
<u>DODECANE ISOMERS (C12'S)</u>				
n-Dodecane +	P	0.000	0.000	0.000

Page 3 of 3

X *Michael Holson*

ANALYST

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District IV
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Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

DEFINITIONS

Action 210107

DEFINITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 210107
	Action Type: [C-129] Venting and/or Flaring (C-129)

DEFINITIONS

For the sake of brevity and completeness, please allow for the following in all groups of questions and for the rest of this application: • this application's operator, hereinafter "this operator"; • venting and/or flaring, hereinafter "vent or flare"; • any notification or report(s) of the C-129 form family, hereinafter "any C-129 forms"; • the statements in (and/or attached to) this, hereinafter "the statements in this"; • and the past tense will be used in lieu of mixed past/present tense questions and statements.
--

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QUESTIONS

Action 210107

QUESTIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 210107
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Prerequisites Any messages presented in this section, will prevent submission of this application. Please resolve these issues before continuing with the rest of the questions.	
Incident Well	Unavailable.
Incident Facility	[fAPP2201150858] Rana Salada Pad E CTB

Determination of Reporting Requirements Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide additional guidance.	
Was this vent or flare caused by an emergency or malfunction	Yes
Did this vent or flare last eight hours or more cumulatively within any 24-hour period from a single event	Yes
Is this considered a submission for a vent or flare event	Yes, minor venting and/or flaring of natural gas.
An operator shall file a form C-141 instead of a form C-129 for a release that, includes liquid during venting and/or flaring that is or may be a major or minor release under 19.15.29.7 NMAC.	
Was there at least 50 MCF of natural gas vented and/or flared during this event	Yes
Did this vent or flare result in the release of ANY liquids (not fully and/or completely flared) that reached (or has a chance of reaching) the ground, a surface, a watercourse, or otherwise, with reasonable probability, endanger public health, the environment or fresh water	No
Was the vent or flare within an incorporated municipal boundary or within 300 feet from an occupied permanent residence, school, hospital, institution or church in existence	No

Equipment Involved	
Primary Equipment Involved	Not answered.
Additional details for Equipment Involved. Please specify	Not answered.

Representative Compositional Analysis of Vented or Flared Natural Gas Please provide the mole percent for the percentage questions in this group.	
Methane (CH4) percentage	78
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (CO2) percentage, if greater than one percent	0
Oxygen (O2) percentage, if greater than one percent	0
If you are venting and/or flaring because of Pipeline Specification, please provide the required specifications for each gas.	
Methane (CH4) percentage quality requirement	Not answered.
Nitrogen (N2) percentage quality requirement	Not answered.
Hydrogen Sulfide (H2S) PPM quality requirement	Not answered.
Carbon Dioxide (CO2) percentage quality requirement	Not answered.
Oxygen (O2) percentage quality requirement	Not answered.

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QUESTIONS, Page 2

Action 210107

QUESTIONS (continued)

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 210107
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/13/2023
Time vent or flare was discovered or commenced	08:00 AM
Time vent or flare was terminated	08:00 AM
Cumulative hours during this event	24

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: Other Other (Specify) Natural Gas Flared Released: 157 Mcf Recovered: 0 Mcf Lost: 157 Mcf.
Other Released Details	Not answered.
Additional details for Measured or Estimated Volume(s). Please specify	Not answered.
Is this a gas only submission (i.e. only significant Mcf values reported)	Yes, according to supplied volumes this appears to be a "gas only" report.

Venting or Flaring Resulting from Downstream Activity	
Was this vent or flare a result of downstream activity	No
Was notification of downstream activity received by this operator	Not answered.
Downstream OGRID that should have notified this operator	Not answered.
Date notified of downstream activity requiring this vent or flare	Not answered.
Time notified of downstream activity requiring this vent or flare	Not answered.

Steps and Actions to Prevent Waste	
For this event, this operator could not have reasonably anticipated the current event and it was beyond this operator's control.	True
Please explain reason for why this event was beyond this operator's control	VRU/COMPRESSOR ISSUES
Steps taken to limit the duration and magnitude of vent or flare	MONITORED
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	NONE

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ACKNOWLEDGMENTS

Action 210107

ACKNOWLEDGMENTS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 210107
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☒	I acknowledge that I am authorized to submit a <i>Venting and/or Flaring</i> (C-129) report on behalf of this operator and understand that this report can be a complete C-129 submission per 19.15.27.8 and 19.15.28.8 NMAC.
☒	I acknowledge that upon submitting this application, I will be creating a new incident file (assigned to this operator) to track any C-129 forms, pursuant to 19.15.27.7 and 19.15.28.8 NMAC and understand that this submission meets the notification requirements of Paragraph (1) of Subsection G and F respectively.
☒	I hereby certify the statements in this report are true and correct to the best of my knowledge and acknowledge that any false statement may be subject to civil and criminal penalties under the Oil and Gas Act.
☒	I acknowledge that the acceptance of any C-129 forms by the OCD does not relieve this operator of liability should their operations have failed to adequately investigate, report, and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment.
☒	I acknowledge that OCD acceptance of any C-129 forms does not relieve this operator of responsibility for compliance with any other applicable federal, state, or local laws and/or regulations.

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CONDITIONS

Action 210107

CONDITIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 210107
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
bwheaton	If the information provided in this report requires an amendment, submit a [C-129] Amend Venting and/or Flaring Incident (C-129A), utilizing your incident number from this event.	4/24/2023