Production	Site Name	Meter Description	Sum of Vol
4/2/2023	Ovation Pad O CTB	LP Flare Meter	672
4/2/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	160
4/2/2023	Saturninus Pad V CTB	LP Flare Meter	517
4/3/2023	Ovation Pad O CTB	LP Flare Meter	905
4/3/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	141
4/3/2023	Saturninus Pad V CTB	HP Flare Meter	1,816
4/3/2023	Saturninus Pad V CTB	LP Flare Meter	469
4/4/2023	Astrodog Pad S CTB	LP Flare Meter	309
4/4/2023	Ovation Pad O CTB	LP Flare Meter	829
4/4/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	614
4/4/2023	Rana Salada FC Pad A CTB	RS Pad A HP Flare	2,398
4/4/2023	Rana Salada FC Pad E CTB	RS Pad E HP Flare Meter	3,220
4/4/2023	Rana Salada FC Pad L CTB	HP Flare Meter	11,127
4/4/2023	Saturninus Pad V CTB	LP Flare Meter	324
4/5/2023	Astrodog Pad S CTB	LP Flare Meter	318
4/5/2023	Culebra Bluff CTB 3	LP Flare Meter	143
4/5/2023	Ovation Pad O CTB	HP Flare Meter	171
4/5/2023	Ovation Pad O CTB	LP Flare Meter	985
4/5/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	650
4/5/2023	Rana Salada FC Pad A CTB	RS Pad A HP Flare	819
4/5/2023	Rana Salada FC Pad E CTB	RS Pad E HP Flare Meter	1,013
4/5/2023	Rana Salada FC Pad L CTB	HP Flare Meter	8,042
4/5/2023	Saturninus Pad V CTB	LP Flare Meter	314
4/6/2023	Astrodog Pad S CTB	LP Flare Meter	188
4/6/2023	Ovation Pad O CTB	LP Flare Meter	1,044
4/6/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	790
4/6/2023	Rana Salada FC Pad A CTB	RS Pad A HP Flare	53
4/6/2023	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	100
4/6/2023	Saturninus Pad V CTB	LP Flare Meter	348
4/7/2023	Ovation Pad O CTB	LP Flare Meter	962
4/7/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	651
4/7/2023	Saturninus Pad V CTB	LP Flare Meter	320
4/8/2023	Astrodog Pad S CTB	LP Flare Meter	54
4/8/2023	Ovation Pad O CTB	LP Flare Meter	1,022
4/8/2023	Ovation Pad Q CTB	Ovation Pad Q LP Flare	748
4/8/2023	Saturninus Pad V CTB	LP Flare Meter	343

Notes
Flared due to sales meter shut-in to tie-in Cassius buy-back meter
Gas to flare for during RS Pad L to Pad E CDP 16" tie-in
Gas to flare for during RS Pad L to Pad E CDP 16" tie-in
Flared do to pipe line tie end

HOWARD

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

GAS EXTENDED ANALYSIS REPORT

LAB REPORT NUMBER: 210505-9999-05-050521-21

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

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

COMPONENT	MOLE %	GPM	WT. %
H2S	0.000		0.000
OXYGEN	0.000		0.000
NITROGEN	0.103		0.077
CARBON DIOXIDE	0.434		0.507
METHANE	31.774		13.532
ETHANE	21.646	5.863	17.278
PROPANE	20.748	5.789	24.285
I-BUTANE	4.832	1.601	7.455
N-BUTANE	10.780	3.442	16.633
I-PENTANE	3.115	1.154	5.966
N-PENTANE	3.324	1.220	6.366
HEXANES (C6's)	2.117	0.881	4.842
HEPTANES (C7+)	0.938	0.417	2.475
OCTANES (C8+)	0.158	0.078	0.477
NONANES (C9+)	0.018	0.008	0.059
DECANES (C10+)	0.013	0.006	0.048
TOTAL	100.000	20.459	100.000

REAL SP. GRAVITY	1.3171	REAL BTU DRY	2187.148
MOL. WT.	37.670	REAL BTU SAT	2149.069
Z FACTOR	0.9871	PRESS BASE	14.730
C2+ GPM	20.459	C4+ GPM	8.807
C3+ GPM	14.596	C5+ GPM	3.764
C6-C10+ MOL WT	100.425	C6-C10+ GRAVITY	3.458

SAMPLED BY	MH	SAMPLE PRESS:	149
SAMPLE TYPE:	SPOT	SAMPLE TEMP:	168
CYLINDER NO.:	2009	COUNTY / STATE:	14.73
COMMENT:	SPOT	ANALYST	MIKE HOBGOOD

* SEE NEXT PAGE FOR C6+ COMPOSITIONAL BREAKDOWN

05-17-2021

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

STATION: RANA SALADA PAD A VR LEASE: RANA SALADA PAD A VRU

C6+ FRACTION COMPOSITION

HEXANE ISOMERS (C6'S)		MOLE %	GPM	WT. %
2,2-Dimethylbutane	P	0.100	0.042	0.228
2,3-Dimethylbutane	PN	0.000	0.000	0.000
2-Methylpentane	P	0.266	0.112	0.608
3-Methylpentane	P	0.552	0.228	1.262
Methylcyclopentane	N	0.000	0.000	0.000
Benzene	A	0.000	0.000	0.000
Cyclohexane	N	0.011	0.004	0.025
n-Hexane	P	1.188	0.495	2.719
HEPTANE ISOMERS (C7'S)				
3,3-Dimethylpentane	P	0.001	0.000	0.002
2,2-Dimethylpentane	P	0.000	0.000	0.000
2,4-Dimethylpentane	P	0.118	0.056	0.313
2 & 3-Methylhexane	P	0.249	0.116	0.662
2,3-Dimethylpentane	P	0.030	0.014	0.080
1,t-3-Dimethylcyclopentane	N	0.000	0.000	0.000
1,c-3-Dimethylcyclopentane	N	0.000	0.000	0.000
3-Ethlypentane	N	0.000	0.000	0.000
1,t-2-Dimethylcyclopentane	N	0.000	0.000	0.000
Toluene	A	0.013	0.004	0.032
Methylcyclohexane	N	0.315	0.128	0.820
Ethylcyclopentane	N	0.000	0.000	0.000
n-Heptane	P	0.213	0.099	0.566
OCTANE ISOMERS (C8'S)				
2,4 & 2,5-Dimethylhexane	P	0.006	0.003	0.019
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	0.030	0.016	0.092
1,c-2,t-4-Trimethylcyclopentane	N	0.000	0.000	0.000
3-Methylheptane	P	0.019	0.010	0.058
1,c-3-Dimethylcyclohexane	N	0.007	0.003	0.020
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	0.000	0.000	0.001
1,c-2-Dimethylcyclohexane	N	0.004	0.002	0.000
Ethylcyclohexane	N	0.019	0.009	0.058
Ethylbenzene	A	0.001	0.000	0.002
m & p-Xylene	A	0.004	0.002	0.013
o-Xylene	A	0.004	0.001	0.011
Cyclooctane	P	0.003	0.001	0.010
n-Octane	P	0.060	0.031	0.181

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STATION: RANA SALADA PAD A VR **LEASE:** RANA SALADA PAD A VRU

C6+ FRACTION COMPOSITION

NONANE ISOMERS (C9'S)		MOLE %	GPM	WT. %
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	0.004	0.002	0.013
Isopropylcyclohexane	N	0.000	0.000	0.000
n-Propylcyclohexane	N	0.002	0.001	0.007
n-Propyllbenzene	A	0.003	0.001	0.009
m-Ethyltoluene	A	0.000	0.000	0.000
p-Ethyltoluene	A	0.000	0.000	0.000
1,3,5-Trimethylbenzene	A	0.002	0.001	0.006
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	0.005	0.002	0.016
n-Nonane	P	0.002	0.001	0.008
DECANE ISOMERS (C10'S)				
2-Methylnonane	P	0.000	0.000	0.000
tert-Butylbenzene	A	0.012	0.006	0.042
Isobutylcyclohexane & tert-Butylcyclohexane		0.000	0.000	0.000
Isobutylbenzene	A	0.000	0.000	0.000
sec-Butylbenzene	A	0.000	0.000	0.001
n-Butylcyclohexane	N	0.001	0.000	0.003
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
UNDECANE ISOMERS (C11'S)				
n-Undecane	P	0.000	0.000	0.000
DODECANE ISOMERS (C12'S)				
n-Dodecane +	P	0.000	0.000	0.000

X Michael Holsomb

ANALYST

District I
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Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
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

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206729
	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 206729

QUESTIONS

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206729
	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	**[fAPP2123650946] RANA SALADA PAD A CTB**

Determination of Reporting Requirements	
Answer all questions that apply. The Reason(s) statements are calculated based on your answers and may provide addional 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 withing 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	76
Nitrogen (N2) percentage, if greater than one percent	0
Hydrogen Sulfide (H2S) PPM, rounded up	0
Carbon Dioxide (C02) percentage, if greater than one percent	0
Oxygen (02) 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 Sufide (H2S) PPM quality requirement	*Not answered.*
Carbon Dioxide (C02) percentage quality requirement	*Not answered.*
Oxygen (02) percentage quality requirement	*Not answered.*

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QUESTIONS (continued)

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206729
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	04/06/2023
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: 53 Mcf | Recovered: 0 Mcf | Lost: 53 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

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206729
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

☑	I acknowledge that I am authorized to submit a *Venting and/or Flaring* (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

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd Oklahoma City, OK 73116	OGRID: 372920
	Action Number: 206729
	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.	4/12/2023