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

AKM MEASUREMENT SERVICES

Natural Gas Analysis Report
GPA 2172-09/API 14.5 Report with GPA 2145-16 Physical Properties

Sample Information

	Sample Information
Sample Name	ASTRODOG 233H 5-31-2022
Effective/Start Date	5-1-2022
WELL NAME	
Laboratory	A DOMINGUEZ
Analyzer Type	NAT. GAS ANALYZER
Analyzer Make & Model	INFICON MICRO GC FUSION
Last Calibration/Validation Date	5-3-2022
Sampling Flow Rate	
Air Temperature	74
Heat Tracing	Heated Hose & Gasifier
Type of Sample	SPOT PORTABLE GC
Company Collecting Sample	AKM Measurement
Method Name	C9
Injection Date	2022-05-31 07:20:29
Report Date	2022-05-31 07:34:33
EZReporter Configuration File	BLM Onshore.Extended.GPA 2145-16.FlowCal.H2S.cfgx
Source Data File	8c7b99b6-f5cf-4b52-b97e-36538354ffb9
NGA Phys. Property Data Source	GPA Standard 2145-16 (FPS)
Data Source	INFICON Fusion Connector

Component Results

Component Name	Peak Area	Raw Amount	Response Factor	Norm Mole%	Gross HV (Dry) (BTU / Ideal cu.ft.)	Relative Gas Density (Dry)	GPM (Dry) (Gal. / 1000 cu.ft.)	
Nitrogen	10769.0	0.7489	0.00006955	0.7655	0.0	0.00740	0.000	
Methane	855723.7	76.4525	0.00008934	78.1468	791.1	0.43286	0.000	
CO2	2211.4	0.1267	0.00005728	0.1295	0.0	0.00197	0.000	
Ethane	210942.8	11.6722	0.00005533	11.9308	211.6	0.12387	3.202	
H2S	0.0	0.0000	0.00000000	0.0000	0.0	0.00000	0.000	E
Propane	124829.3	5.0583	0.00004052	5.1704	130.4	0.07872	1.429	
iso-butane	46380.0	0.7989	0.00001723	0.8166	26.6	0.01639	0.268	
n-Butane	89806.3	1.5535	0.00001730	1.5879	51.9	0.03187	0.502	
so-pentane	26279.0	0.3963	0.00001508	0.4051	16.2	0.01009	0.149	
n-Pentane	27658.0	0.4117	0.00001489	0.4208	16.9	0.01048	0.149	
nexanes	29182.0	0.3299	0.00001131	0.3372	16.1	0.01003	0.133	
neptanes	29161.0	0.2179	0.00000747	0.2227	12.3	0.00770	0.139	
octanes	23310.0	0.0599	0.00000257	0.0613	3.8	0.00770		
nonanes+	5914.0	0.0053	0.00000090	0.0054	0.4	0.00242	0.032	
Γotal:		97.8320		100.0000	1277.4	0.73403	0.003 5.980	

Results Summary

Result	Dry	Sat.	
Total Un-Normalized Mole%	97.8320	***************************************	
Pressure Base (psia)	14.730		
Temperature Base (Deg. F)	60.00		
Flowing Temperature (Deg. F)	0.0		
Flowing Pressure (psia)	0.0		
Gross Heating Value (BTU / Ideal cu.ft.)	1277.4	1255.2	
Gross Heating Value (BTU / Real cu.ft.)	1282.2	1260.4	
Relative Density (G), Real	0.7365	0.7348	

Monitored Parameter Report

District I
1625 N. French Dr., Hobbs, NM 88240
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

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

Action 206810

DEFINITIONS

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	206810
	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.

District III

District I
1625 N. French Dr., Hobbs, NM 88240
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

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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**

QUESTIONS

Action 206810

Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 372920 1001 West Wilshire Blvd Action Number: Oklahoma City, OK 73116 206810 Action Type: [C-129] Venting and/or Flaring (C-129)	Q	UESTIONS	
Prorequisites Any measurement of in this section, will present submission of this application. Phases resolve these issues before continuing with the rest of the questions. Incident Veril Incident Facility Incident Faci	Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC 1001 West Wilshire Blvd		372920 Action Number: 206810 Action Type:
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Hydrogen Sufide (H2S) PPM quality requirement Carbon Dioxide (C02) percentage quality requirement Not answered. Not answered.	Nitrogen (N2) percentage quality requirement	Not answered.	
Carbon Dioxide (C02) percentage quality requirement Not answered.		Not answered.	

District I 1625 N. French Dr., Hobbs, NM 88240 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

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

QUESTIONS, Page 2

Action 206810

QUESTI	ONS (continued)		
Operator: NOVO OIL & GAS NORTHERN DELAWARE, LLC	OGRID: 372920		
1001 West Wilshire Blvd Oklahoma City, OK 73116	Action Number: 206810		
·	Action Type:		
QUESTIONS	[C-129] Venting and/or Flaring (C-129)		
Date(s) and Time(s)			
Date vent or flare was discovered or commenced	04/05/2022		
Time vent or flare was discovered or commenced	04/05/2023 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: 318 Mcf Recovered: 0 Mcf Lost: 318 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 206810

ACKNOWLEDGMENTS

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	206810
	Action Type:
	[C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

V	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.
V	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.
V	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.
V	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 206810

CONDITIONS

State of New Mexico Energy, Minerals and Natural Resources

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	206810
	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