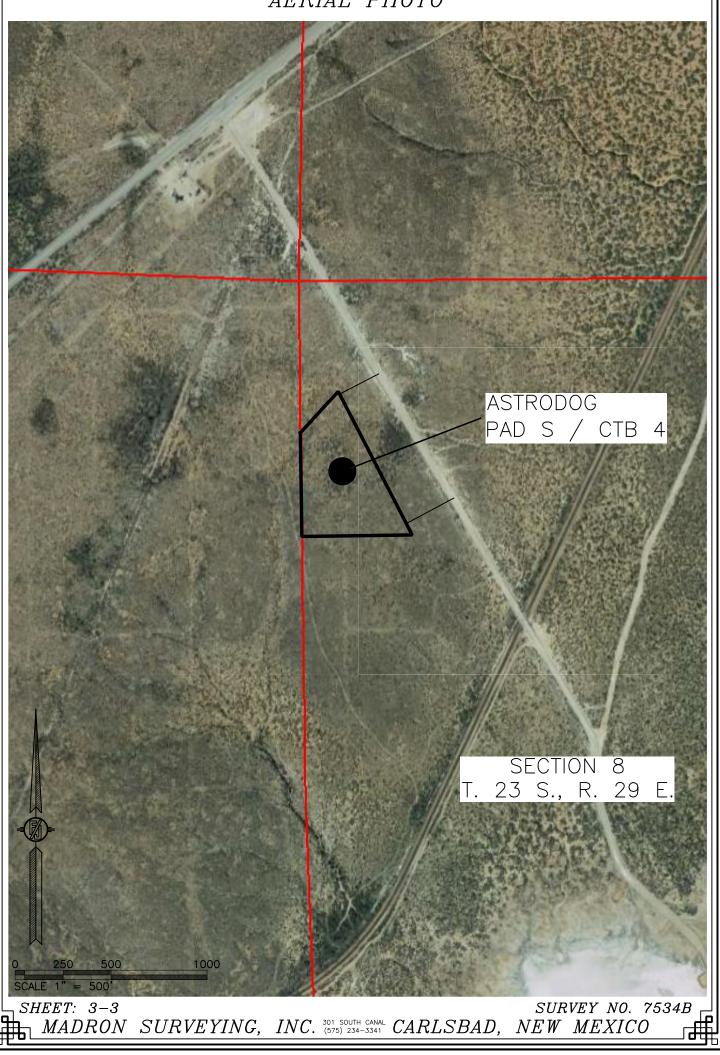


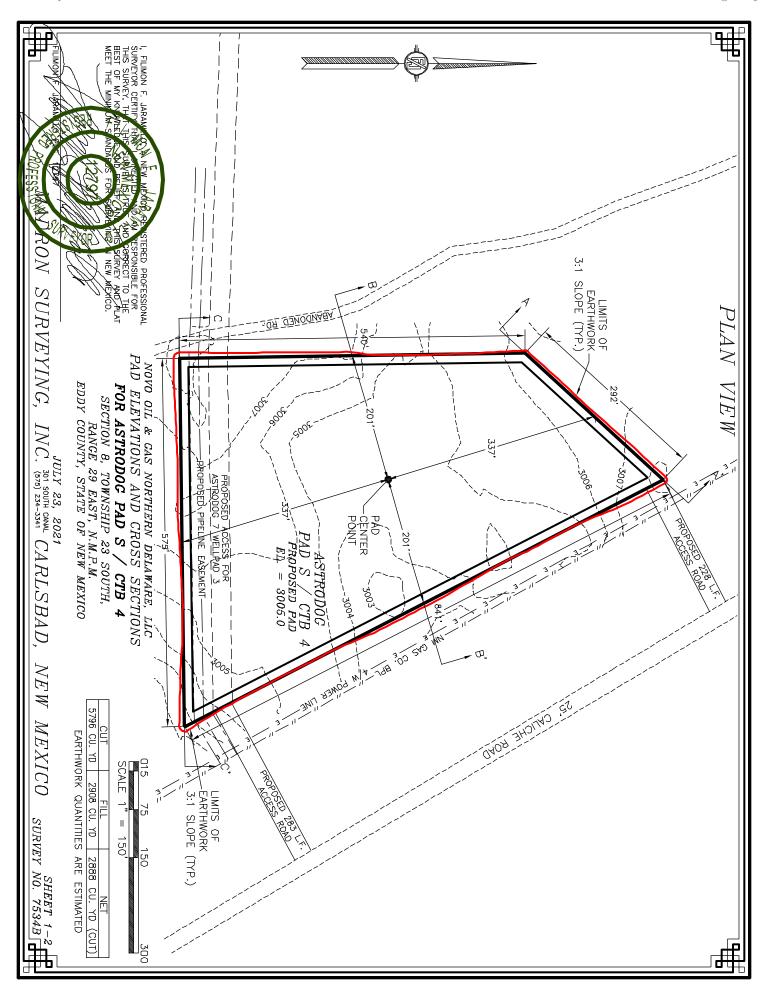
ASTRODOG PAD S / CTB 4

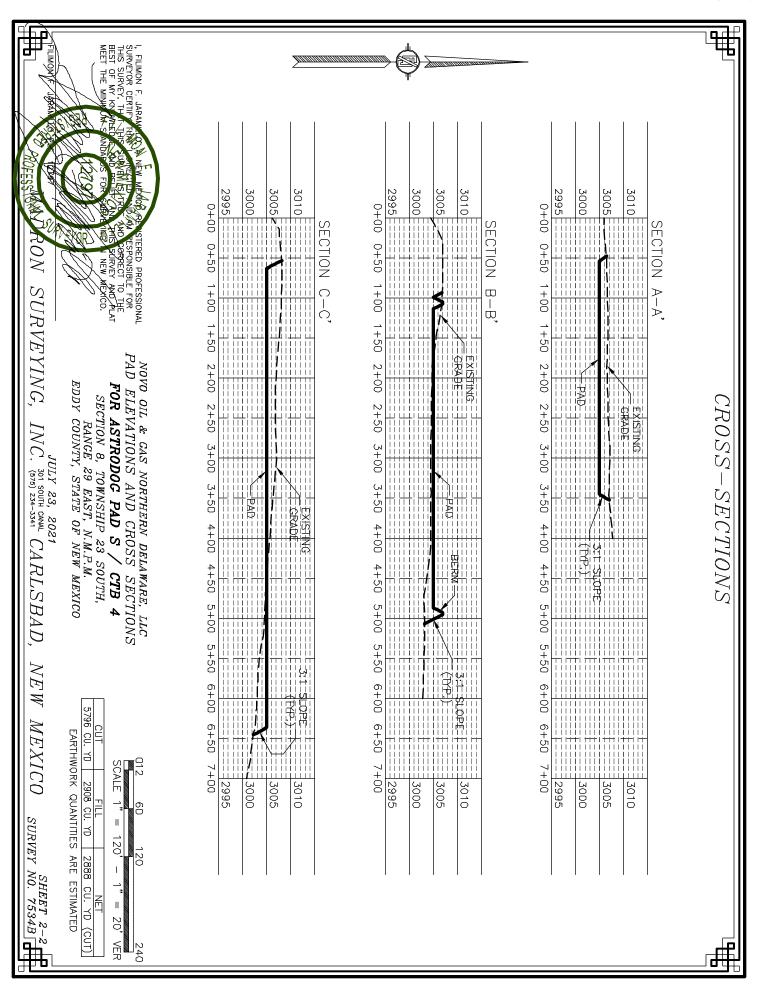
NOVO OIL & GAS NORTHERN DELAWARE, LLC
IN THE W/2 NW/4 NW/4 OF
SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

JULY 23, 2021

AERIAL PHOTO



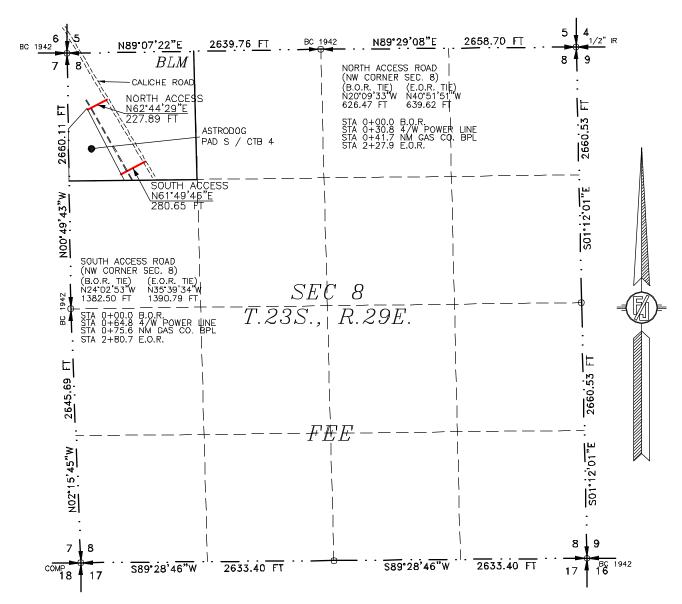




## ACCESS ROAD PLAT

ACCESS ROADS FOR ASTRODOG PAD S / CTB 4

NOVO OIL & GAS NORTHERN DELAWARE, LLC
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JULY 23, 2021



SEE NEXT SHEET (2-2) FOR DESCRIPTION



## GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-2

MADRON SURVEYING, INC. 301 5.

## SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN ATTICAL WIFE OF THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MIXED, THEN DE TOU 2021

MADRON SURVEYING, INC.

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 8822D Phone (575) 234-3341

SURVEY NO. 7534B

NEW MEXICO

## ACCESS ROAD PLAT

ACCESS ROADS FOR ASTRODOG PAD S / CTB 4

NOVO OIL & GAS NORTHERN DELAWARE, LLC
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
JULY 23, 2021

### DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

#### NORTH ACCESS

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N20'09'33"W, A DISTANCE OF 626.47 FEET;

THENCE N62\*44'29"E A DISTANCE OF 227.89 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N40\*51'51"W, A DISTANCE OF 639.62 FEET;

SAID STRIP OF LAND BEING 227.89 FEET OR 13.81 RODS IN LENGTH, CONTAINING 0.157 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 227.89 L.F. 13.81 RODS 0.157 ACRES

#### SOUTH ACCESS

BEGINNING AT A POINT WITHIN THE NW/4 NW/4 OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M., WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N24°02'53"W. A DISTANCE OF 1382.50 FEET:

THENCE N61°49'46"E A DISTANCE OF 280.65 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 8, TOWNSHIP 23 SOUTH, RANGE 29 EAST, N.M.P.M. BEARS N35°39'34"W, A DISTANCE OF 1390.79 FEET;

SAID STRIP OF LAND BEING 280.65 FEET OR 17.01 RODS IN LENGTH, CONTAINING 0.193 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 NW/4 280.65 L.F. 17.01 RODS 0.193 ACRES

## SURVEYOR CERTIFICATE

NEW M

## GENERAL NOTES

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-2

MADRON SURVEYING, INC. 301 SOLVER SOL

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

<sup>'</sup> 2021

THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO 88220 Phone (575) 234-3341

*NEW MEXICO* 

SURVEY NO. 7534B

Released to Imaging: 7/15/2022 8:22:21 AM

<b>Production Date</b>	Site Name	Meter Description	Sum of Volume	Notes
7/6/2022	Astrodog Pad S CTB	HP Flare Meter	289	Crestwood lost two units
7/6/2022	Astrodog Pad S CTB	LP Flare Meter	1,014	Crestwood lost 2 compresors
7/6/2022	Culebra Bluff CTB 3	LP Flare Meter	184	
7/6/2022	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	239	
7/6/2022	Rana Salada FC Pad L CTB	LP Flare Meter	215	
7/7/2022	Astrodog Pad S CTB	HP Flare Meter	738	
7/7/2022	Astrodog Pad S CTB	LP Flare Meter	714	
7/7/2022	Culebra Bluff CTB 2	LP Flare Meter	143	
7/7/2022	Culebra Bluff CTB 3	LP Flare Meter	358	
7/7/2022	Rana Salada FC Pad A CTB	RS Pad A HP Flare	90	
7/7/2022	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	229	
7/7/2022	Rana Salada FC Pad L CTB	LP Flare Meter	232	
7/8/2022	Astrodog Pad S CTB	HP Flare Meter	498	
7/8/2022	Astrodog Pad S CTB	LP Flare Meter	332	
7/8/2022	Culebra Bluff CTB 2	LP Flare Meter	148	
7/8/2022	Culebra Bluff CTB 3	LP Flare Meter	344	
7/8/2022	Rana Salada FC Pad A CTB	RS Pad A HP Flare	100	
7/8/2022	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	263	
7/8/2022	Rana Salada FC Pad L CTB	LP Flare Meter	215	
7/9/2022	Astrodog Pad S CTB	LP Flare Meter	638	
7/9/2022	Culebra Bluff CTB 2	LP Flare Meter	77	
7/9/2022	Culebra Bluff CTB 3	LP Flare Meter	227	
7/9/2022	Rana Salada FC Pad A CTB	RS Pad A HP Flare	369	
7/9/2022	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	243	
7/10/2022	Astrodog Pad S CTB	LP Flare Meter	717	
7/10/2022	Culebra Bluff CTB 2	LP Flare Meter	76	
7/10/2022	Culebra Bluff CTB 3	LP Flare Meter	223	
7/10/2022	Rana Salada FC Pad A CTB	RS Pad A HP Flare	380	
7/10/2022	Rana Salada FC Pad E CTB	RS Pad E HP Flare Meter	284	
7/10/2022	Rana Salada FC Pad E CTB	RS Pad E LP Flare Meter	237	

District I
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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 125718

#### **DEFINITIONS**

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	125718
	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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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**

QUESTIONS

Action 125718

Q	UESTIONS		
Operator:		OGRID:	
NOVO OIL & GAS NORTHERN DELAWARE, LLC		372920	
1001 West Wilshire Blvd Oklahoma City, OK 73116		Action Number: 125718	
		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 t	these issues before continuing wit	th the rest of the questions.	
Incident Well	Not answered.		
Incident Facility	[fAPP2216747738] ASTRO	[fAPP2216747738] ASTRODOG PAD S CTB 4	
Determination of Reporting Requirements			
Answer all questions that apply. The Reason(s) statements are calculated based on your answers are			
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 v	enting 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 <b>ANY</b> 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	T		
Primary Equipment Involved	Not answered.		
Additional details for Equipment Involved. Please specify	Not answered.		
D			
Representative Compositional Analysis of Vented or Flared Natural Gas			
Please provide the mole percent for the percentage questions in this group.  Methane (CH4) percentage	77		
Nitrogen (N2) percentage if greater than one percent	0		
	1		
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 spec	ifications 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.		

Action 125718

QUESTIONS, Page 2

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720

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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**

QUESTIC	ONS (continued)	
Operator:  NOVO OIL & GAS NORTHERN DELAWARE, LLC  1001 West Wilshire Blvd	OGRID: 372920	
Oklahoma City, OK 73116	Action Number: 125718	
	Action Type: [C-129] Venting and/or Flaring (C-129)	
QUESTIONS		
Date(s) and Time(s)		
Date vent or flare was discovered or commenced	07/08/2022	
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: 332 Mcf   Recovered: 0 Mcf   Lost: 332 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	Crestwood lost 2 compressors	
Steps taken to limit the duration and magnitude of vent or flare	Montiored	
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Wait on Crestwood repairs	

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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**

ACKNOWLEDGMENTS

Action 125718

## **ACKNOWLEDGMENTS**

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	125718
	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.
V	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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**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 125718

## **CONDITIONS**

Operator:	OGRID:
NOVO OIL & GAS NORTHERN DELAWARE, LLC	372920
1001 West Wilshire Blvd	Action Number:
Oklahoma City, OK 73116	125718
	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.	7/15/2022