



Certificate of Analysis

Number: 6030-22040461-014A

Artesia Laboratory

200 E Main St.

Artesia, NM 88210

Phone 575-746-3481

Kevin Garrett
Caza Operating
200 N. Loraine St Ste 1550
Midland, TX 79701

May 03, 2022

Station Name: Alisa Ogden 15 #1

Station Number: 5568001

Station Location: Caza Operating

Sample Point: Meter Run

Instrument: 70142339 (Inficon GC-MicroFusion)

Last Inst. Cal.: 05/02/2022 0:00 AM

Analyzed: 05/03/2022 06:57:50 by ERG

Sampled By: John Whitt

Sample Of: Gas Spot

Sample Date: 04/27/2022 09:16

Sample Conditions: 63.9 psig, @ 75.5 °F Ambient: 67 °F

Effective Date: 04/27/2022 09:16

Method: GPA-2261M

Cylinder No: 5030-03429

Analytical Data

Components	Un-normalized Mol %	Mol. %	Wt. %	GPM at 14.696 psia	
Hydrogen Sulfide	0.000	0.00000	0.000		GPM TOTAL C2+ 6.012
Nitrogen	1.030	1.05440	1.375		GPM TOTAL C3+ 2.976
Methane	76.000	77.81517	58.130		GPM TOTAL iC5+ 0.647
Carbon Dioxide	0.119	0.12184	0.250		
Ethane	11.075	11.33902	15.876	3.036	
Propane	5.356	5.48403	11.260	1.513	
Iso-butane	0.764	0.78235	2.117	0.256	
n-Butane	1.733	1.77450	4.803	0.560	
Iso-pentane	0.413	0.42276	1.420	0.155	
n-Pentane	0.462	0.47324	1.590	0.172	
Hexanes Plus	0.716	0.73269	3.179	0.320	
	97.668	100.00000	100.000	6.012	

Calculated Physical Properties

	Total	C6+
Relative Density Real Gas	0.7440	3.2176
Calculated Molecular Weight	21.48	93.19
Compressibility Factor	0.9962	

GPA 2172 Calculation:

Calculated Gross BTU per ft³ @ 14.696 psia & 60°F

Real Gas Dry BTU	1286	5129
Water Sat. Gas Base BTU	1264	5040
Ideal, Gross HV - Dry at 14.696 psia	1281.4	5129.2
Ideal, Gross HV - Wet	1259.0	5039.7

Comments: H2S Field Content 0 ppm

Hydrocarbon Laboratory Manager

Quality Assurance: The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Caza Flared Gas Calculation

Alisa Ogden 1H/4H CTB

input

calculated

Date	7/28/2022
Reported Flared metered Volume (mcf)	255
Last 7 Day Avg metered Gas Production (mcf)	647.14
% of gas flared vs Produced (% mcf) & (% hrs)	39.4%
Avg Gas production per hour for 24 hrs (mcf)	26.96
number of hours flare was active (hours)	9.46

source

pumpers text

pumpers text

prodman ctb report

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DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate
District Office☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-45349	Pool Code 98220	Pool Name Purple Sage: Wolfcamp
Property Code 322433	Property Name ALISA OGDEN 15	Well Number 1H
OGRID No. 249099	Operator Name CAZA OPERATING, LLC	Elevation 3127'

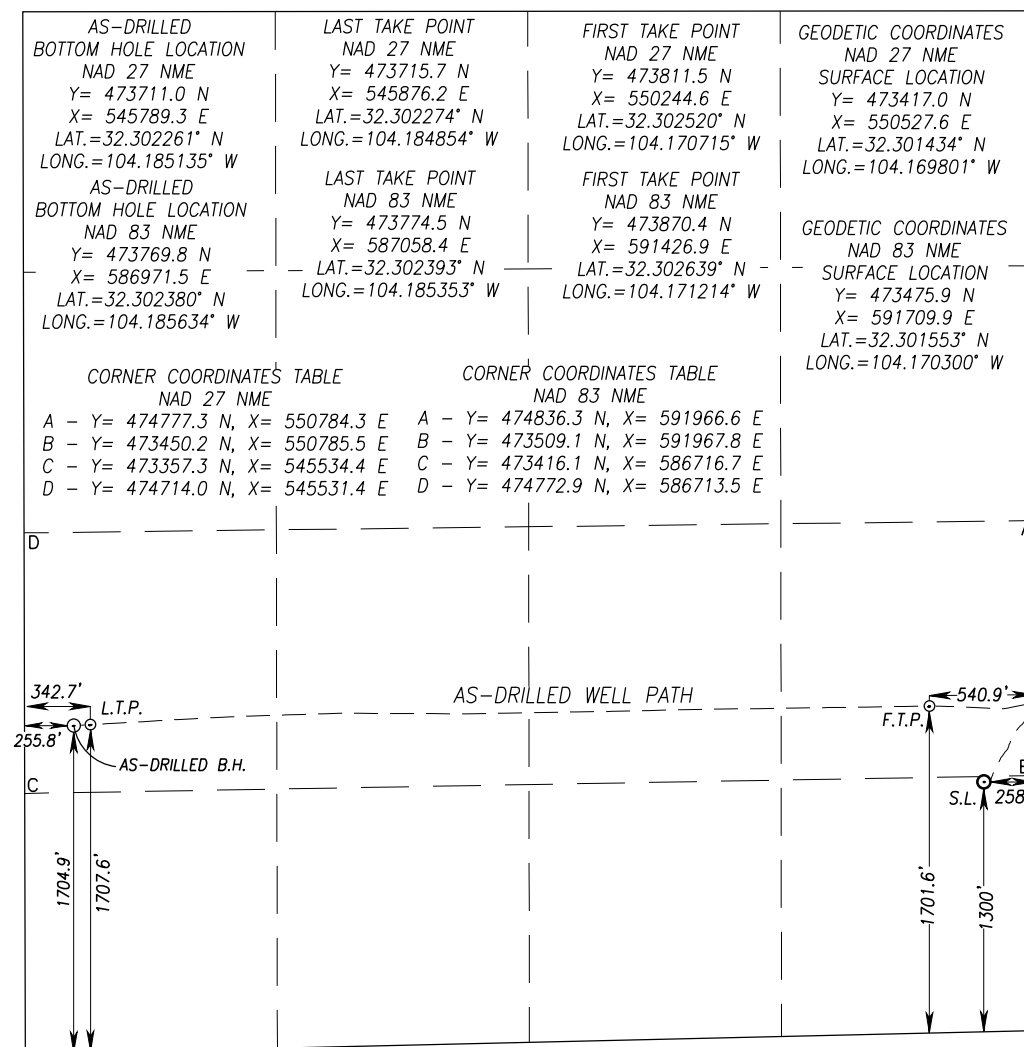
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	23-S	27-E		1300	SOUTH	258	EAST	EDDY

AS-Drilled Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	15	23-S	27-E		1704.9	SOUTH	255.8	WEST	EDDY
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature _____ Date **07/19/2019**

Steve Morris

Printed Name

steve.morris@morcoreengineering.com

E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

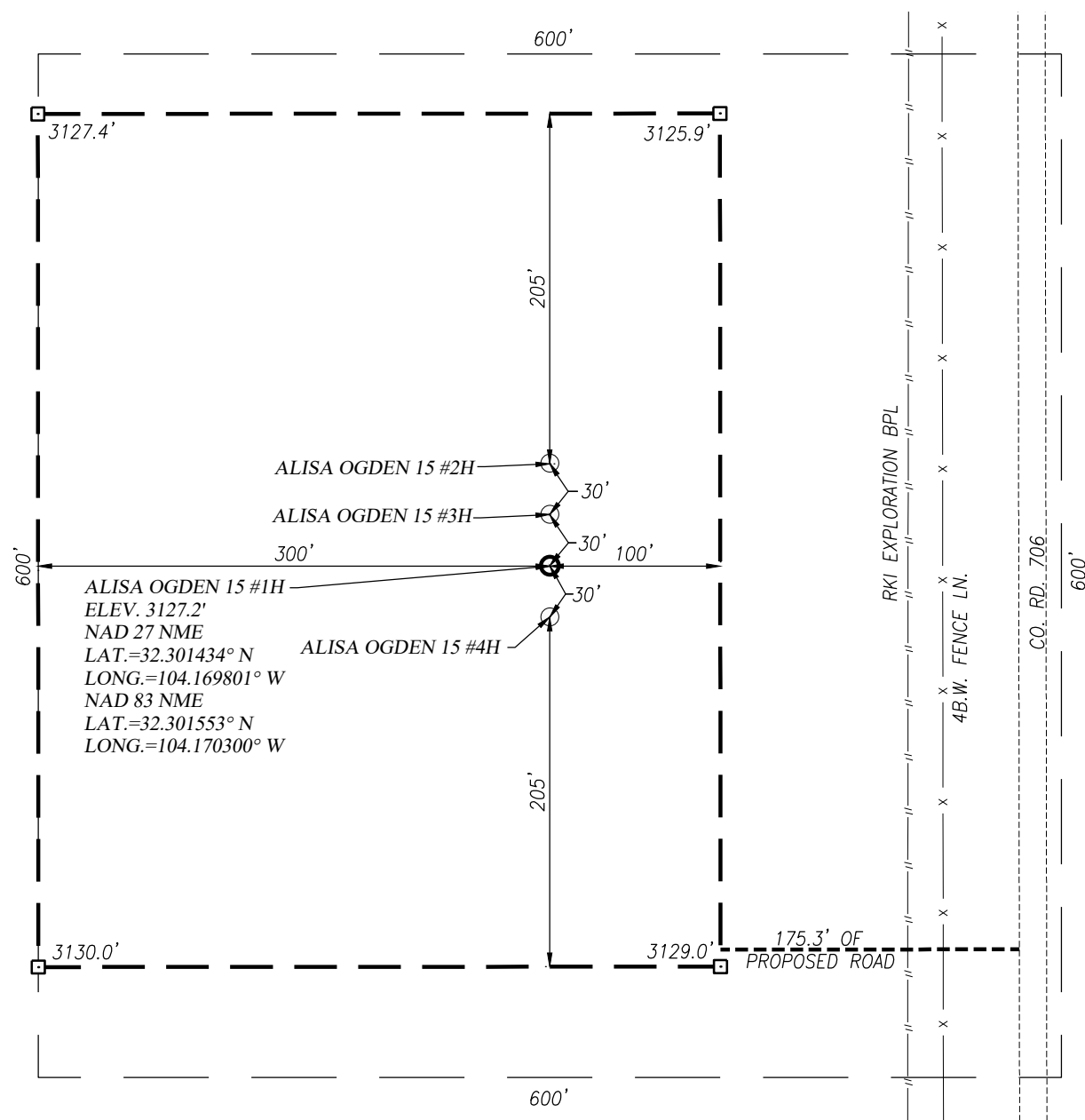
SEPTEMBER 22 2018
3239
Date of Survey
Signature & Seal of Professional Surveyor

Ronald J. Eidson 07/19/2019

Certificate Number Gary G. Eidson 12641
Ronald J. Eidson 3239

LSL Rel. 18.13.1224 JWSC W.O.: 19.13.0636

WELL SITE PLAN

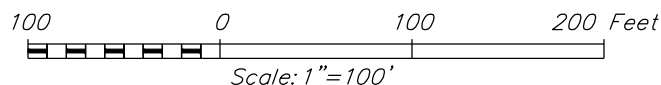


NOTE:

1) SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR PROPOSED ROAD LOCATION.

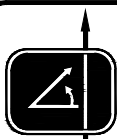
DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF U.S. HWY. 285 AND CO. RD. 728,
GO WEST ON CO. RD. 728 APPROX. 3.7 MILES TO CO. RD. 706
TURN RIGHT AND GO NORTH APPROX. 0.2 MILES TO ACCESS
ROAD SURVEY FOLLOW SURVEY WEST 175.3 FEET TO THE SE
CORNER OF PAD.



CAZA OPERATING, LLC

ALISA OGDEN 15 #1H WELL LOCATED 1300 FEET FROM THE
SOUTH LINE AND 258 FEET FROM THE EAST LINE OF
SECTION 15, TOWNSHIP 23 SOUTH, RANGE 27 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO HOBBS, N.M. 88240
(575) 393-3117 www.jwsc.biz
TBPLS# 10021000

Survey Date: 09/22/18

CAD Date: 10/10/18

Drawn By: LSL

W.O. No.: 18111053

Rev: .

Rel. W.O.:

Sheet 1 of 1

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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

DEFINITIONS

Action 130528

DEFINITIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 130528
	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: <ul style="list-style-type: none">• 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 130528

QUESTIONS

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 130528
	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	[30-015-45349] ALISA OGDEN 15 #001H
Incident Facility	Not answered.

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	No
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	78
Nitrogen (N2) percentage, if greater than one percent	1
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 130528

QUESTIONS (continued)

Operator: CAZA OPERATING, LLC 200 N Loraine St Midland, TX 79701	OGRID: 249099
	Action Number: 130528
	Action Type: [C-129] Venting and/or Flaring (C-129)

QUESTIONS

Date(s) and Time(s)	
Date vent or flare was discovered or commenced	07/28/2022
Time vent or flare was discovered or commenced	07:45 AM
Time vent or flare was terminated	05:35 PM
Cumulative hours during this event	9

Measured or Estimated Volume of Vented or Flared Natural Gas	
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Cause: High Line Pressure Gas Plant Natural Gas Flared Released: 255 Mcf Recovered: 0 Mcf Lost: 255 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	Yes
Was notification of downstream activity received by this operator	No
Downstream OGRID that should have notified this operator	[147831] Lucid Artesia Company
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	Downstream operator was shutdown due to high gas sales line pressure and compressors were down. This event was outside the control of the operator. No choice but to flare.
Steps taken to limit the duration and magnitude of vent or flare	Minimal mcf flared
Corrective actions taken to eliminate the cause and reoccurrence of vent or flare	Downstream operator was shutdown due to high gas sales line pressure and compressors were down. This event was outside the control of the operator. No choice but to flare.

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ACKNOWLEDGMENTS

Action 130528

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	Action Number: 130528
	Action Type: [C-129] Venting and/or Flaring (C-129)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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.
<input checked="" type="checkbox"/>	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 130528

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	Action Number: 130528
	Action Type: [C-129] Venting and/or Flaring (C-129)

CONDITIONS

Created By	Condition	Condition Date
tberry	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.	8/2/2022