

# HOBBS OCD

JAN 13 2017

Form 5160-3  
(March 2012)

UNITED STATES **RECEIVED**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

## APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM114986
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator CIMAREX ENERGY CO (215099)		7. If Unit or CA Agreement, Name and No.
3a. Address 202 S. Cheyenne Ave., Ste 1000 Tulsa OK 74		8. Lease Name and Well No. AZUL STATE 13 FEDERAL COM 1H (317293)
3b. Phone No. (include area code) (432)620-1936		9. API Well No. 30-025-43542 (4150)
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface NWNW / 335 FNL / 360 FWL / LAT 32.310994 / LONG -103.533453 At proposed prod. zone SWSW / 330 FSL / 380 FWL / LAT 32.298303 / LONG -103.533383		10. Field and Pool, or Exploratory BONE SPRING BELL LAKE: B3, NORTH
14. Distance in miles and direction from nearest town or post office* 24.1 miles		11. Sec., T. R. M. or Blk. and Survey or Area SEC 13 / T23S / R33E / 1PM
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330 feet	16. No. of acres in lease 1280	12. County or Parish LEA
17. Spacing Unit dedicated to this well 140	18. Distance from proposed location* to nearest well, drilling, completed, 0 feet applied for, on this lease, ft.	13. State NM
19. Proposed Depth 9690 feet / 14102 feet	20. BLM/BIA Bond No. on file FED: NMB001188	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3574 feet	22. Approximate date work will start* 02/13/2017	23. Estimated duration 30 days

### 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Aricka Easterling / Ph: (918)560-7060	Date 09/15/2016
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Title  
Regulatory Analyst

Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 12/16/2016
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Title  
Supervisor Multiple Resources  
Office  
HOBBS

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

**APPROVED WITH CONDITIONS**

KZ  
01/13/17



<b>APD ID:</b> 10400005615	<b>Submission Date:</b> 09/15/2016	<b>Highlight</b> All Changes
<b>Operator Name:</b> CIMAREX ENERGY CO	<b>Federal/Indian APD:</b> FED	
<b>Well Name:</b> AZUL STATE 13 FEDERAL COM	<b>Well Number:</b> 1H	
<b>Well Type:</b> OIL WELL	<b>Well Work Type:</b> Drill	

Application

**Section 1 - General**

<b>APD ID:</b> 10400005615	<b>Tie to previous NOS?</b>	<b>Submission Date:</b> 09/15/2016
<b>BLM Office:</b> HOBBS	<b>User:</b> Aricka Easterling	<b>Title:</b> Regulatory Analyst
<b>Federal/Indian APD:</b> FED	<b>Is the first lease penetrated for production Federal or Indian?</b> FED	
<b>Lease number:</b> NMNM114986	<b>Lease Acres:</b> 1280	
<b>Surface access agreement in place?</b>	<b>Allotted?</b>	<b>Reservation:</b>
<b>Agreement in place?</b> NO	<b>Federal or Indian agreement:</b>	
<b>Agreement number:</b>		
<b>Agreement name:</b>		
<b>Keep application confidential?</b> YES		
<b>Permitting Agent?</b> NO	<b>APD Operator:</b> CIMAREX ENERGY CO	
<b>Operator letter of designation:</b>	Azul State 13 Fed Com 1H_ Operating rights ltr_11-30-2016.pdf	
<b>Keep application confidential?</b> YES		

**Operator Info**

**Operator Organization Name:** CIMAREX ENERGY CO

**Operator Address:** 202 S. Cheyenne Ave., Ste 1000

**Operator PO Box:** Zip: 74103

**Operator City:** Tulsa      **State:** OK

**Operator Phone:** (432)620-1936

**Operator Internet Address:** tstathem@cimarex.com

**Section 2 - Well Information**

<b>Well in Master Development Plan?</b> NO	<b>Mater Development Plan name:</b>
<b>Well in Master SUPO?</b> NO	<b>Master SUPO name:</b>
<b>Well in Master Drilling Plan?</b> NO	<b>Master Drilling Plan name:</b>

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Well API Number:**

**Field/Pool or Exploratory?** Field and Pool

**Field Name:** BONE SPRING

**Pool Name:**

**Is the proposed well in an area containing other mineral resources?** USEABLE WATER

**Describe other minerals:**

**Is the proposed well in a Helium production area?** N

**Use Existing Well Pad?** NO

**New surface disturbance?**

**Type of Well Pad:** SINGLE WELL

**Multiple Well Pad Name:**

**Number:**

**Well Class:** HORIZONTAL

**Number of Legs:**

**Well Work Type:** Drill

**Well Type:** OIL WELL

**Describe Well Type:**

**Well sub-Type:** EXPLORATORY (WILDCAT)

**Describe sub-type:**

**Distance to town:** 24.1 Miles

**Distance to nearest well:** 0 FT

**Distance to lease line:** 330 FT

**Reservoir well spacing assigned acres Measurement:** 140 Acres

**Well plat:** C-102 Plat\_09-13-2016.pdf

**Well work start Date:** 02/13/2017

**Duration:** 30 DAYS

### Section 3 - Well Location Table

**Survey Type:** RECTANGULAR

**Describe Survey Type:**

**Datum:** NAD83

**Vertical Datum:** NAVD88

**Survey number:** 12446

**STATE:** NEW MEXICO

**Meridian:** FIRST PRINCIPAL

**County:** LEA

**Latitude:** 32.310994

**Longitude:** -103.533453

SHL

**Elevation:** 3574

**MD:** 0

**TVD:** 0

**Leg #:** 1

**Lease Type:** FEE

**Lease #:** FEE

**NS-Foot:** 335

**NS Indicator:** FNL

**EW-Foot:** 360

**EW Indicator:** FWL

**Twsp:** 23S

**Range:** 33E

**Section:** 13

**Aliquot:** NWNW

**Lot:**

**Tract:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> FIRST PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.310994	<b>Longitude:</b> -103.533453	
KOP	<b>Elevation:</b> -5876	<b>MD:</b> 9462	<b>TVD:</b> 9450
<b>Leg #: 1</b>	<b>Lease Type:</b> FEE	<b>Lease #:</b> FEE	
	<b>NS-Foot:</b> 335	<b>NS Indicator:</b> FNL	
	<b>EW-Foot:</b> 360	<b>EW Indicator:</b> FWL	
	<b>Twsp:</b> 23S	<b>Range:</b> 33E	<b>Section:</b> 13
	<b>Aliquot:</b> NWNW	<b>Lot:</b>	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> FIRST PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.310819	<b>Longitude:</b> -103.533442	
PPP	<b>Elevation:</b> -5876	<b>MD:</b> 9462	<b>TVD:</b> 9450
<b>Leg #: 1</b>	<b>Lease Type:</b> FEE	<b>Lease #:</b> FEE	
	<b>NS-Foot:</b> 399	<b>NS Indicator:</b> FNL	
	<b>EW-Foot:</b> 365	<b>EW Indicator:</b> FWL	
	<b>Twsp:</b> 23S	<b>Range:</b> 33E	<b>Section:</b> 13
	<b>Aliquot:</b> NWNW	<b>Lot:</b>	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> FIRST PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.298303	<b>Longitude:</b> -103.533383	
EXIT	<b>Elevation:</b> -6116	<b>MD:</b> 14102	<b>TVD:</b> 9690
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM114986	
	<b>NS-Foot:</b> 330	<b>NS Indicator:</b> FSL	
	<b>EW-Foot:</b> 380	<b>EW Indicator:</b> FWL	
	<b>Twsp:</b> 23S	<b>Range:</b> 33E	<b>Section:</b> 13
	<b>Aliquot:</b> SWSW	<b>Lot:</b>	<b>Tract:</b>
	<b>STATE:</b> NEW MEXICO	<b>Meridian:</b> FIRST PRINCIPAL	<b>County:</b> LEA
	<b>Latitude:</b> 32.298303	<b>Longitude:</b> -103.533383	
BHL	<b>Elevation:</b> -6116	<b>MD:</b> 14102	<b>TVD:</b> 9690
<b>Leg #: 1</b>	<b>Lease Type:</b> FEDERAL	<b>Lease #:</b> NMNM114986	
	<b>NS-Foot:</b> 330	<b>NS Indicator:</b> FSL	
	<b>EW-Foot:</b> 380	<b>EW Indicator:</b> FWL	

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Twsp:** 23S

**Range:** 33E

**Section:** 13

**Aliquot:** SWSW

**Lot:**

**Tract:**

Drilling Plan

**Section 1 - Geologic Formations**

**ID:** Surface formation

**Name:** RUSTLER

**Lithology(ies):**

**Elevation:** 3630

**True Vertical Depth:** 1100

**Measured Depth:** 1100

**Mineral Resource(s):**

USEABLE WATER

**Is this a producing formation?** N

**ID:** Formation 1

**Name:** SALADO

**Lithology(ies):**

**Elevation:** 2090

**True Vertical Depth:** 1540

**Measured Depth:** 1540

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 2

**Name:** CASTILE

**Lithology(ies):**

**Elevation:** 80

**True Vertical Depth:** 3550

**Measured Depth:** 3550

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**ID:** Formation 3

**Name:** BASE OF SALT

**Lithology(ies):**

**Elevation:** -1190

**True Vertical Depth:** 4820

**Measured Depth:** 4820

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 4

**Name:** LAMAR

**Lithology(ies):**

**Elevation:** -1550

**True Vertical Depth:** 5180

**Measured Depth:** 5180

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 5

**Name:** BELL CANYON

**Lithology(ies):**

**Elevation:** -1630

**True Vertical Depth:** 5260

**Measured Depth:** 5260

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 6

**Name:** CHERRY CANYON

**Lithology(ies):**

**Elevation:** -2500

**True Vertical Depth:** 6130

**Measured Depth:** 6130

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**ID:** Formation 7

**Name:** BRUSHY CANYON

**Lithology(ies):**

**Elevation:** -3860

**True Vertical Depth:** 7490

**Measured Depth:** 7490

**Mineral Resource(s):**

NONE

**Is this a producing formation?** N

**ID:** Formation 8

**Name:** BONE SPRING

**Lithology(ies):**

**Elevation:** -5460

**True Vertical Depth:** 9090

**Measured Depth:** 9090

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 9

**Name:** AVALON SAND

**Lithology(ies):**

**Elevation:** -5940

**True Vertical Depth:** 9570

**Measured Depth:** 9570

**Mineral Resource(s):**

NATURAL GAS

OIL

**Is this a producing formation?** Y

**ID:** Formation 10

**Name:** BONE SPRING 1ST

**Lithology(ies):**

**Elevation:** -6550

**True Vertical Depth:** 10180

**Measured Depth:** 10180

**Mineral Resource(s):**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

NATURAL GAS

OIL

**Is this a producing formation?** N

## Section 2 - Blowout Prevention

**Pressure Rating (PSI):** 2M

**Rating Depth:** 5160

**Equipment:** Exhibit "E-1". A BOP consisting of three rams, including one blind ram and two pipe rams and one annular preventer. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A rotating head may be installed as needed. A Kelly clock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

**Requesting Variance?** YES

**Variance request:** Co-flex line between the BOP & choke manifold. Certification for proposed co-flex hose is attached (Please see Exhibit F, F-1, F-2, F-3). The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

**Testing Procedure:** BOP's will be tested by an independent service company. The ram preventers, choke manifold, and safety valves will be tested as follows: On the surface casing, pressure tests will be made to 250 psi low and 2000 psi high. On the intermediate casing, pressure tests will be made to 250 psi low and 3000 psi high. The Annular Preventer will be tested to 250 psi low and 1000 psi high on the surface casing and 250 psi low and 1500 psi high on the intermediate casing. The System may be upgraded to a higher pressure but still tested to the working pressures listed. If the system is upgraded all the components installed will be functional and tested.

**Choke Diagram Attachment:**

Exhibit E- Choke\_09-13-2016.pdf

**BOP Diagram Attachment:**

Exhibit E- 2M BOP\_09-13-2016.pdf

**Pressure Rating (PSI):** 3M

**Rating Depth:** 14103

**Equipment:** Exhibit "E-1". A BOP consisting of three rams, including one blind ram and two pipe rams and one annular preventer. An accumulator that meets the requirements in Onshore Order #2 for the pressure rating of the BOP stack. A rotating head may be installed as needed. A Kelly clock will be installed and maintained in operable condition and a drill string safety valve in the open position will be available on the rig floor.

**Requesting Variance?** YES

**Variance request:** Co-flex line between the BOP & choke manifold. Certification for proposed co-flex hose is attached (Please see Exhibit F, F-1, F-2, F-3). The hose is not required by the manufacturer to be anchored. In the event the specific hose is not available, one of equal or higher rating will be used. Variance to include Hammer Union connections on lines downstream of the buffer tank only.

**Testing Procedure:** BOP's will be tested by an independent service company. The ram preventers, choke manifold, and safety valves will be tested as follows: On the surface casing, pressure tests will be made to 250 psi low and 2000 psi high. On the intermediate casing, pressure tests will be made to 250 psi low and 3000 psi high. The Annular Preventer will be tested to 250 psi low and 1000 psi high on the surface casing and 250 psi low and 1500 psi high on the intermediate casing. The System may be upgraded to a higher pressure but still tested to the working pressures listed. If the system is upgraded all the components installed will be functional and tested.

**Choke Diagram Attachment:**

Exhibit E- Choke\_09-13-2016.pdf

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

Exhibit E- Choke\_09-13-2016.pdf

**BOP Diagram Attachment:**

Exhibit E- 3M BOP\_09-13-2016.pdf

### Section 3 - Casing

**String Type:** INTERMEDIATE

**Other String Type:**

**Hole Size:** 12.25

**Top setting depth MD:** 0

**Top setting depth TVD:** 0

**Top setting depth MSL:** -5876

**Bottom setting depth MD:** 5160

**Bottom setting depth TVD:** 5160

**Bottom setting depth MSL:** -11036

**Calculated casing length MD:** 5160

**Casing Size:** 9.625

**Other Size**

**Grade:** J-55

**Other Grade:**

**Weight:** 40

**Joint Type:** LTC

**Other Joint Type:**

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### Safety Factors

**Collapse Design Safety Factor:** 1.5

**Burst Design Safety Factor:** 1.44

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 2.52

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 2.52

**Casing Design Assumptions and Worksheet(s):**

Casing Assumptions\_09-13-2016.pdf

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**String Type:** SURFACE

**Other String Type:**

**Hole Size:** 17.5

**Top setting depth MD:** 0

**Top setting depth TVD:** 0

**Top setting depth MSL:** -5876

**Bottom setting depth MD:** 1100

**Bottom setting depth TVD:** 1100

**Bottom setting depth MSL:** -6976

**Calculated casing length MD:** 1100

**Casing Size:** 13.375

**Other Size**

**Grade:** OTHER

**Other Grade:** h-40/j-55

**Weight:** 48

**Joint Type:** STC

**Other Joint Type:**

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### Safety Factors

**Collapse Design Safety Factor:** 1.44

**Burst Design Safety Factor:** 3.36

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 6.1

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 6.1

**Casing Design Assumptions and Worksheet(s):**

Casing Assumptions\_09-13-2016.pdf

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**String Type:** PRODUCTION

**Other String Type:**

**Hole Size:** 8.75

**Top setting depth MD:** 9212

**Top setting depth TVD:** 9212

**Top setting depth MSL:** -15088

**Bottom setting depth MD:** 14103

**Bottom setting depth TVD:** 14103

**Bottom setting depth MSL:** -19979

**Calculated casing length MD:** 4891

**Casing Size:** 5.5

**Other Size**

**Grade:** L-80

**Other Grade:**

**Weight:** 17

**Joint Type:** BUTT

**Other Joint Type:**

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### Safety Factors

**Collapse Design Safety Factor:** 1.36

**Burst Design Safety Factor:** 1.67

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 48.86

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 48.86

**Casing Design Assumptions and Worksheet(s):**

Casing Assumptions\_09-13-2016.pdf

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**String Type:** PRODUCTION

**Other String Type:**

**Hole Size:** 8.75

**Top setting depth MD:** 0

**Top setting depth TVD:** 0

**Top setting depth MSL:** -5876

**Bottom setting depth MD:** 9212

**Bottom setting depth TVD:** 9212

**Bottom setting depth MSL:** -15088

**Calculated casing length MD:** 9212

**Casing Size:** 5.5

**Other Size**

**Grade:** L-80

**Other Grade:**

**Weight:** 17

**Joint Type:** LTC

**Other Joint Type:**

**Condition:** NEW

**Inspection Document:**

**Standard:** API

**Spec Document:**

**Tapered String?:** N

**Tapered String Spec:**

### Safety Factors

**Collapse Design Safety Factor:** 1.43

**Burst Design Safety Factor:** 1.76

**Joint Tensile Design Safety Factor type:** BUOYANT

**Joint Tensile Design Safety Factor:** 2.05

**Body Tensile Design Safety Factor type:** BUOYANT

**Body Tensile Design Safety Factor:** 2.05

**Casing Design Assumptions and Worksheet(s):**

Casing Assumptions\_09-13-2016.pdf

### Section 4 - Cement

**Casing String Type:** SURFACE

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Stage Tool Depth:**

Lead

**Top MD of Segment:** 0

**Additives:** Bentonite

**Density:** 13.5

**Bottom MD Segment:** 1100

**Quantity (sks):** 534

**Volume (cu.ft.):** 917

**Cement Type:** Class C

**Yield (cu.ff./sk):** 1.72

**Percent Excess:** 50

Tail

**Top MD of Segment:** 0

**Additives:** LCM

**Density:** 14.8

**Bottom MD Segment:** 1100

**Quantity (sks):** 143

**Volume (cu.ft.):** 191

**Cement Type:** C

**Yield (cu.ff./sk):** 1.34

**Percent Excess:** 25

**Casing String Type:** INTERMEDIATE

**Stage Tool Depth:**

Lead

**Top MD of Segment:** 0

**Additives:** Salt & Bentonite

**Density:** 12.9

**Bottom MD Segment:** 5160

**Quantity (sks):** 986

**Volume (cu.ft.):** 1852

**Cement Type:** 35:65 Poz: C

**Yield (cu.ff./sk):** 1.88

**Percent Excess:** 50

Tail

**Top MD of Segment:** 0

**Additives:** LCM

**Density:** 14.8

**Bottom MD Segment:** 5160

**Quantity (sks):** 292

**Volume (cu.ft.):** 391

**Cement Type:** Class C

**Yield (cu.ff./sk):** 1.34

**Percent Excess:** 25

**Casing String Type:** PRODUCTION

**Stage Tool Depth:**

Lead

**Top MD of Segment:** 0

**Additives:** N/A

**Density:** 10.8

**Bottom MD Segment:** 9212

**Quantity (sks):** 567

**Volume (cu.ft.):** 1332

**Cement Type:** Tuned Light I Class H

**Yield (cu.ff./sk):** 2.35

**Percent Excess:** 25

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Stage Tool Depth:**

Lead

**Top MD of Segment:** 9212

**Bottom MD Segment:** 14103

**Cement Type:** Class C

**Additives:** LCM

**Quantity (sks):** 1015

**Yield (cu.ff./sk):** 1.34

**Density:** 18.8

**Volume (cu.ft.):** 1360

**Percent Excess:** 10

Tail

**Top MD of Segment:** 9212

**Bottom MD Segment:** 14103

**Cement Type:** 50:50 Poz:H

**Additives:** Salt, Bentonite, Fluid Loss,  
Dispersant, & SMS

**Quantity (sks):** 1047

**Yield (cu.ff./sk):** 1.3

**Density:** 14.2

**Volume (cu.ft.):** 1360

**Percent Excess:** 10

**Section 5 - Circulating Medium**

**Mud System Type:** Closed

**Will an air or gas system be Used?** NO

**Description of the equipment for the circulating system in accordance with Onshore Order #2:**

**Diagram of the equipment for the circulating system in accordance with Onshore Order #2:**

**Describe what will be on location to control well or mitigate other conditions:** Sufficient mud materials will be kept on location at all times in order to combat lost circulation or unexpected kicks. In order to run DSTs, open hole logs, and casing, the viscosity and water loss may have to be adjusted in order to meet these needs

**Describe the mud monitoring system utilized:** PVT/Pason/Visual Monitoring

**Circulating Medium Table**

**Top Depth:** 0

**Bottom Depth:** 1100

**Mud Type:** SPUD MUD

**Min Weight (lbs./gal.):** 8.5

**Max Weight (lbs./gal.):** 9

**Density (lbs/cu.ft.):**

**Gel Strength (lbs/100 sq.ft.):**

**PH:**

**Viscosity (CP):**

**Filtration (cc):**

**Salinity (ppm):**

**Additional Characteristics:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Top Depth:** 1100

**Bottom Depth:** 5160

**Mud Type:** SALT SATURATED

**Min Weight (lbs./gal.):** 9.7

**Max Weight (lbs./gal.):** 10.2

**Density (lbs/cu.ft.):**

**Gel Strength (lbs/100 sq.ft.):**

**PH:**

**Viscosity (CP):**

**Filtration (cc):**

**Salinity (ppm):**

**Additional Characteristics:**

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**Top Depth:** 5160

**Bottom Depth:** 14103

**Mud Type:** OTHER

**Min Weight (lbs./gal.):** 8.7

**Max Weight (lbs./gal.):** 9.2

**Density (lbs/cu.ft.):**

**Gel Strength (lbs/100 sq.ft.):**

**PH:**

**Viscosity (CP):**

**Filtration (cc):**

**Salinity (ppm):**

**Additional Characteristics:**

### Section 6 - Test, Logging, Coring

**List of production tests including testing procedures, equipment and safety measures:**

No DTS Planned

**List of open and cased hole logs run in the well:**

CNL,DS,GR

**Coring operation description for the well:**

N/A

### Section 7 - Pressure

**Anticipated Bottom Hole Pressure:** 4635

**Anticipated Surface Pressure:** 2503.19

**Anticipated Bottom Hole Temperature(F):** 167

**Anticipated abnormal pressures, temperatures, or potential geologic hazards?** NO

**Describe:**

**Contingency Plans geohazards description:**

**Contingency Plans geohazards attachment:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Hydrogen Sulfide drilling operations plan required?** YES

**Hydrogen sulfide drilling operations plan:**

H2S Plan\_09-13-2016.pdf

### Section 8 - Other Information

**Proposed horizontal/directional/multi-lateral plan submission:**

Directional Prelim\_09-13-2016.pdf

**Other proposed operations facets description:**

**Other proposed operations facets attachment:**

Drilling Plan-Azul\_09-13-2016.pdf

Azul State 13 Fed Com 1H\_Operating agreemt letter\_10-17-2016.pdf

**Other Variance attachment:**

Exhibit F,1, 2, 3 - Flex Hose\_09-13-2016.pdf

SUPO

### Section 1 - Existing Roads

**Will existing roads be used?** NO

### Section 2 - New or Reconstructed Access Roads

**Will new roads be needed?** YES

**New Road Map:**

Exhibit C-2- Road plat\_09-13-2016.pdf

**New road type:** COLLECTOR

**Length:** 5538.22 Feet

**Width (ft.):** 20

**Max slope (%):** 2

**Max grade (%):** 6

**Army Corp of Engineers (ACOE) permit required?** NO

**ACOE Permit Number(s):**

**New road travel width:** 14

**New road access erosion control:** The side slopes of any drainage channels or swales that are crossed will be re-contoured to original grade and compacted and mulched as necessary to avoid erosion. Where steeper slopes cannot be

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

avoided, water bars or silt fence will be constructed, mulch/rip-rap applied, or other measures employed as necessary to control erosion. Hay bales, straw wattles or silt fence may also be installed to control erosion as needed. All disturbed areas will be seeded with a mix appropriate for the area unless specified otherwise by the landowner.

**New road access plan or profile prepared?** NO

**New road access plan attachment:**

**Access road engineering design?** NO

**Access road engineering design attachment:**

**Access surfacing type:** GRAVEL

**Access topsoil source:** ONSITE

**Access surfacing type description:**

**Access onsite topsoil source depth:** 6

**Offsite topsoil source description:**

**Onsite topsoil removal process:** Push off and stockpile alongside the location.

**Access other construction information:** The operator will prevent and abate fugitive dust as needed, whether created by vehicular traffic, equipment operations or other events.

**Access miscellaneous information:**

**Number of access turnouts:**

**Access turnout map:**

### Drainage Control

**New road drainage crossing:** OTHER

**Drainage Control comments:** To control and prevent potentially contaminated precipitation from leaving the pad site, a perimeter berm and settlement pond will be installed. Contaminated water will be removed from pond, stored in waste tanks, and disposed of at a state approved facility. Standing water or puddles will not be allowed. Drainage ditches would be established and maintained on the pad and along access roads to divert water away from operations. Natural drainage areas disturbed during construction would be re-contoured to near original condition prior to construction. Erosion Control Best Management Practices would be used where necessary and consist of seeding, fiber rolls, water bars, silt fences, and temporary diversion dikes. Areas disturbed during construction that are no longer needed for operations would be obliterated, re-contoured to near original condition prior to construction. Erosion Control Best Management Practices would be used where necessary and consist of seeding, fiber rolls, water bars, silt fences, and temporary diversion dikes. Areas disturbed during construction that are no longer needed for operations would be obliterated, re-contoured, and reclaimed to near original condition to re-establish natural drainage.

**Road Drainage Control Structures (DCS) description:** n/a

**Road Drainage Control Structures (DCS) attachment:**

### Access Additional Attachments

**Additional Attachment(s):**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

### Section 3 - Location of Existing Wells

**Existing Wells Map?** YES

**Attach Well map:**

Exhibit A- Existing wells\_09-13-2016.pdf

**Existing Wells description:**

### Section 4 - Location of Existing and/or Proposed Production Facilities

**Submit or defer a Proposed Production Facilities plan?** DEFER

**Estimated Production Facilities description:** If upon completion the well is a producer, a production facility battery will be constructed and production equipment installed at the wellsite.

### Section 5 - Location and Types of Water Supply

#### Water Source Table

**Water source use type:** INTERMEDIATE/PRODUCTION CASING,  
SURFACE CASING

**Water source type:** MUNICIPAL

**Describe type:**

**Source latitude:**

**Source longitude:**

**Source datum:**

**Water source permit type:** WATER RIGHT

**Permit Number:**

**Source land ownership:** FEDERAL

**Water source transport method:** PIPELINE,TRUCKING

**Source transportation land ownership:** FEDERAL

**Water source volume (barrels):** 5000

**Source volume (acre-feet):** 0.6444655

**Source volume (gal):** 210000

**Water source and transportation map:**

Water Route-Azul\_09-13-2016.pdf

**Water source comments:**

**New water well?** NO

#### New Water Well Info

**Well latitude:**

**Well Longitude:**

**Well datum:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Well target aquifer:**

**Est. depth to top of aquifer(ft):**

**Est thickness of aquifer:**

**Aquifer comments:**

**Aquifer documentation:**

**Well depth (ft):**

**Well casing type:**

**Well casing outside diameter (in.):**

**Well casing inside diameter (in.):**

**New water well casing?**

**Used casing source:**

**Drilling method:**

**Drill material:**

**Grout material:**

**Grout depth:**

**Casing length (ft.):**

**Casing top depth (ft.):**

**Well Production type:**

**Completion Method:**

**Water well additional information:**

**State appropriation permit:**

**Additional information attachment:**

### Section 6 - Construction Materials

**Construction Materials description:** The drilling and testing operations will be conducted on a watered and compacted native soil grade. Soft spots will be covered with scoria, free of large rocks (3" diameter). Upon completion as a commercial producer the location will be covered with scoria, free of large rocks (3" dia.) from an existing privately owned gravel pit.

**Construction Materials source location attachment:**

### Section 7 - Methods for Handling Waste

**Waste type:** DRILLING

**Waste content description:** Drilling Fluids, drill cuttings, water and other waste produced from the well during drilling operations.

**Amount of waste:** 15000 barrels

**Waste disposal frequency :** One Time Only

**Safe containment description:** n/a

**Safe containmant attachment:**

**Waste disposal type:** HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

**Disposal type description:**

**Disposal location description:** Haul to R360 commercial Disposal

**Waste type:** GARBAGE

**Waste content description:** Garbage and trash produced during drilling and completion operations

**Amount of waste:** 32500 pounds

**Waste disposal frequency :** Weekly

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Safe containment description:** n/a

**Safe containmant attachment:**

**Waste disposal type:** HAUL TO COMMERCIAL FACILITY    **Disposal location ownership:** COMMERCIAL FACILITY

**Disposal type description:**

**Disposal location description:** Windmill Spraying Service hauls trash to Lea County Landfill

### Reserve Pit

**Reserve Pit being used?** NO

**Temporary disposal of produced water into reserve pit?**

**Reserve pit length (ft.)**

**Reserve pit width (ft.)**

**Reserve pit depth (ft.)**

**Reserve pit volume (cu. yd.)**

**Is at least 50% of the reserve pit in cut?**

**Reserve pit liner**

**Reserve pit liner specifications and installation description**

### Cuttings Area

**Cuttings Area being used?** NO

**Are you storing cuttings on location?** NO

**Description of cuttings location**

**Cuttings area length (ft.)**

**Cuttings area width (ft.)**

**Cuttings area depth (ft.)**

**Cuttings area volume (cu. yd.)**

**Is at least 50% of the cuttings area in cut?**

**WCuttings area liner**

**Cuttings area liner specifications and installation description**

### Section 8 - Ancillary Facilities

**Are you requesting any Ancillary Facilities?:** NO

**Ancillary Facilities attachment:**

**Comments:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

### Section 9 - Well Site Layout

**Well Site Layout Diagram:**

Exhibit D- Wellsite Layout and Rig Diagram\_10-17-2016.pdf

**Comments:**

### Section 10 - Plans for Surface Reclamation

**Type of disturbance:** NEW

**Recontouring attachment:**

Exhibit D-1- Reclamation\_09-13-2016.pdf

**Drainage/Erosion control construction:** To control and prevent potentially contaminated precipitation from leaving the pad site, a perimeter berm and settlement pond will be installed. Contaminated water will be removed from pond, stored in waste tanks, and disposed of at a state approved facility. Standing water or puddles will not be allowed. Drainage ditches would be established and maintained on the pad and along access roads to divert water away from operations. Natural drainage areas disturbed during construction would be re-contoured to near original condition prior to construction. Erosion Control Best Management Practices would be used where necessary and consist of seeding, fiber rolls, water bars, silt fences, and temporary diversion dikes. Areas disturbed during construction that are no longer needed for operations would be obliterated, re-contoured to near original condition prior to construction. Erosion Control Best Management Practices would be used where necessary and consist of seeding, fiber rolls, water bars, silt fences, and temporary diversion dikes. Areas disturbed during construction that are no longer needed for operations would be obliterated, re-contoured, and reclaimed to near original condition to re-establish natural drainage.

**Drainage/Erosion control reclamation:** All disturbed and re-contoured areas would be reseeded according to specifications. Approved seed mixtures would be certified weed free and consist of grasses, forbs, or shrubs similar to the surrounding area. Compacted soil areas may need to be obliterated and reclaimed to near natural conditions by re-contouring all slopes to facilitate and re-establish natural drainage.

**Wellpad long term disturbance (acres):** 4.874

**Wellpad short term disturbance (acres):** 4.874

**Access road long term disturbance (acres):** 3.814

**Access road short term disturbance (acres):** 3.814

**Pipeline long term disturbance (acres):** 0

**Pipeline short term disturbance (acres):** 0

**Other long term disturbance (acres):** 11.594

**Other short term disturbance (acres):** 11.594

**Total long term disturbance:** 20.282

**Total short term disturbance:** 20.282

**Reconstruction method:** After well plugging, all disturbed areas would be returned to the original contour or a contour that blends with the surrounding landform including roads unless the surface owner requests that they be left intact. In consultation with the surface owners it will be determined if any gravel or similar materials used to reinforce an area are to be removed, buried, or left in place during final reclamation. Salvaged topsoil, if any, would be re-spread evenly over the surfaces to be re-vegetated. As necessary, the soil surface would be prepared to provide a seedbed for re-establishment of desirable vegetation. Site preparation may include gouging, scarifying, dozer track-walking, mulching, or fertilizing.

**Reclamation, Re-vegetation, and Drainage:** All disturbed and recontoured areas would be reseeded using techniques outlined under Phase I and II of this plan or as specified by the land owner. Approved seed mixtures would be certified weed free and consist of grasses, forbs, or shrubs similar to the surrounding area. Compacted soil areas may need to be obliterated and reclaimed to near natural conditions by re-contouring all slopes to facilitate and re-establish natural drainage.

**Topsoil redistribution:** Salvaged topsoil, if any, would be re-spread evenly over the surfaces to be re-vegetated.

**Soil treatment:** As necessary, the soil surface would be prepared to provide a seedbed for re-establishment of desirable vegetation. Site preparation may include gouging, scarifying, dozer track-walking, mulching or fertilizing.

**Existing Vegetation at the well pad:** n/a

**Existing Vegetation at the well pad attachment:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Existing Vegetation Community at the road:** n/a

**Existing Vegetation Community at the road attachment:**

**Existing Vegetation Community at the pipeline:** n/a

**Existing Vegetation Community at the pipeline attachment:**

**Existing Vegetation Community at other disturbances:** n/a

**Existing Vegetation Community at other disturbances attachment:**

**Non native seed used?** NO

**Non native seed description:**

**Seedling transplant description:**

**Will seedlings be transplanted for this project?** NO

**Seedling transplant description attachment:**

**Will seed be harvested for use in site reclamation?** NO

**Seed harvest description:**

**Seed harvest description attachment:**

**Seed Management**

**Seed Table**

**Seed type:**

**Seed source:**

**Seed name:**

**Source name:**

**Source address:**

**Source phone:**

**Seed cultivar:**

**Seed use location:**

**PLS pounds per acre:**

**Proposed seeding season:**

**Seed Summary**

**Total pounds/Acre:**

<b>Seed Type</b>	<b>Pounds/Acre</b>
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**Seed reclamation attachment:**

**Operator Contact/Responsible Official Contact Info**

**First Name:**

**Last Name:**

**Phone:**

**Email:**

**Seedbed prep:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Seed BMP:**

**Seed method:**

**Existing invasive species?** NO

**Existing invasive species treatment description:**

**Existing invasive species treatment attachment:**

**Weed treatment plan description:** n/a

**Weed treatment plan attachment:**

**Monitoring plan description:** n/a

**Monitoring plan attachment:**

**Success standards:** n/a

**Pit closure description:** n/a

**Pit closure attachment:**

### Section 11 - Surface Ownership

**Disturbance type:** WELL PAD

**Describe:**

**Surface Owner:** PRIVATE OWNERSHIP

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Fee Owner:** Limestone Livestock LLC

**Fee Owner Address:** 76 Angell Road Lovington, NM 88260

**Phone:** (123)456-7890

**Email:**

**Surface use plan certification:** YES

**Surface use plan certification document:** SUP Certification\_09-14-2016.pdf

**Surface access agreement or bond:** Agreement

**Surface Access Agreement Need description:** SUA pending

**Surface Access Bond BLM or Forest Service:** BLM

**BLM Surface Access Bond number:**

**USFS Surface access bond number:**

### Section 12 - Other Information

**Right of Way needed?** NO

**Use APD as ROW?**

**ROW Type(s):**

### ROW Applications

**SUPO Additional Information:**

**Use a previously conducted onsite?** YES

**Previous Onsite information:** Onsite with BLM & Barry Hunt (Cimarex) on Aug 24, 2016

### Other SUPO Attachment

SUPO-Azul\_09-15-2016.pdf

Azul State 13 Fed Com 1H\_Operating agreemt letter\_11-30-2016.pdf

PWD

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

### Section 1 - General

**Would you like to address long-term produced water disposal?** NO

### Section 2 - Lined Pits

**Would you like to utilize Lined Pit PWD options?** NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Lined pit PWD on or off channel:**

**Lined pit PWD discharge volume (bbl/day):**

**Lined pit specifications:**

**Pit liner description:**

**Pit liner manufacturers information:**

**Precipitated solids disposal:**

**Describe precipitated solids disposal:**

**Precipitated solids disposal permit:**

**Lined pit precipitated solids disposal schedule:**

**Lined pit precipitated solids disposal schedule attachment:**

**Lined pit reclamation description:**

**Lined pit reclamation attachment:**

**Leak detection system description:**

**Leak detection system attachment:**

**Lined pit Monitor description:**

**Lined pit Monitor attachment:**

**Lined pit: do you have a reclamation bond for the pit?**

**Is the reclamation bond a rider under the BLM bond?**

**Lined pit bond number:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Lined pit bond amount:**

**Additional bond information attachment:**

### **Section 3 - Unlined Pits**

**Would you like to utilize Unlined Pit PWD options?** NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Unlined pit PWD on or off channel:**

**Unlined pit PWD discharge volume (bbl/day):**

**Unlined pit specifications:**

**Precipitated solids disposal:**

**Describe precipitated solids disposal:**

**Precipitated solids disposal permit:**

**Unlined pit precipitated solids disposal schedule:**

**Unlined pit precipitated solids disposal schedule attachment:**

**Unlined pit reclamation description:**

**Unlined pit reclamation attachment:**

**Unlined pit Monitor description:**

**Unlined pit Monitor attachment:**

**Do you propose to put the produced water to beneficial use?**

**Beneficial use user confirmation:**

**Estimated depth of the shallowest aquifer (feet):**

**Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?**

**TDS lab results:**

**Geologic and hydrologic evidence:**

**State authorization:**

**Unlined Produced Water Pit Estimated percolation:**

**Unlined pit: do you have a reclamation bond for the pit?**

**Is the reclamation bond a rider under the BLM bond?**

**Unlined pit bond number:**

**Unlined pit bond amount:**

**Additional bond information attachment:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

### Section 4 - Injection

Would you like to utilize Injection PWD options? NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Injection PWD discharge volume (bbl/day):**

**Injection well mineral owner:**

**Injection well type:**

**Injection well number:**

**Injection well name:**

**Assigned injection well API number?**

**Injection well API number:**

**Injection well new surface disturbance (acres):**

**Minerals protection information:**

**Mineral protection attachment:**

**Underground Injection Control (UIC) Permit?**

**UIC Permit attachment:**

### Section 5 - Surface Discharge

Would you like to utilize Surface Discharge PWD options? NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Surface discharge PWD discharge volume (bbl/day):**

**Surface Discharge NPDES Permit?**

**Surface Discharge NPDES Permit attachment:**

**Surface Discharge site facilities information:**

**Surface discharge site facilities map:**

### Section 6 - Other

Would you like to utilize Other PWD options? NO

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Other PWD discharge volume (bbl/day):**

**Other PWD type description:**

**Other PWD type attachment:**

**Have other regulatory requirements been met?**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**Other regulatory requirements attachment:**

## Bond Info

### Bond Information

**Federal/Indian APD:** FED

**BLM Bond number:** NMB001188

**BIA Bond number:**

**Do you have a reclamation bond?** NO

**Is the reclamation bond a rider under the BLM bond?**

**Is the reclamation bond BLM or Forest Service?**

**BLM reclamation bond number:**

**Forest Service reclamation bond number:**

**Forest Service reclamation bond attachment:**

**Reclamation bond number:**

**Reclamation bond amount:**

**Reclamation bond rider amount:**

**Additional reclamation bond information attachment:**

## Operator Certification

### Operator Certification

*I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.*

**NAME:** Aricka Easterling

**Signed on:** 09/15/2016

**Title:** Regulatory Analyst

**Street Address:** 202 S. Cheyenne Ave, Ste 1000

**City:** Tulsa

**State:** OK

**Zip:** 74103

**Phone:** (918)560-7060

**Email address:** aeasterling@cimarex.com

### Field Representative

**Representative Name:**

**Street Address:**

**Operator Name:** CIMAREX ENERGY CO

**Well Name:** AZUL STATE 13 FEDERAL COM

**Well Number:** 1H

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**

Payment Info

Payment

**APD Fee Payment Method:** PAY.GOV

**pay.gov Tracking ID:** 25TTE3J2

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