

RECEIVED: 1/29/20	REVIEWER: DM	TYPE: CTB	APP NO: pDM2005836651
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
 - Geological & Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505



**ADMINISTRATIVE APPLICATION CHECKLIST**

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: \_\_\_\_\_ OGRID Number: \_\_\_\_\_  
 Well Name: \_\_\_\_\_ API: \_\_\_\_\_  
 Pool: \_\_\_\_\_ Pool Code: \_\_\_\_\_

**SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW**

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]  
 A. Location – Spacing Unit – Simultaneous Dedication  
 NSL       NSP (PROJECT AREA)       NSP (PRORATION UNIT)       SD
- B. Check one only for [ I ] or [ II ]  
 [ I ] Commingling – Storage – Measurement  
 DHC    CTB    PLC    PC    OLS    OLM  
 [ II ] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery  
 WFX    PMX    SWD    IPI    EOR    PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.  
 A.  Offset operators or lease holders  
 B.  Royalty, overriding royalty owners, revenue owners  
 C.  Application requires published notice  
 D.  Notification and/or concurrent approval by SLO  
 E.  Notification and/or concurrent approval by BLM  
 F.  Surface owner  
 G.  For all of the above, proof of notification or publication is attached, and/or,  
 H.  No notice required

<u>FOR OCD ONLY</u>	
<input type="checkbox"/>	Notice Complete
<input type="checkbox"/>	Application Content Complete

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

**Note: Statement must be completed by an individual with managerial and/or supervisory capacity.**

\_\_\_\_\_  
 Print or Type Name

\_\_\_\_\_  
Date

\_\_\_\_\_  
Phone Number

\_\_\_\_\_  
Signature

\_\_\_\_\_  
e-mail Address

Cimarex Energy Co.  
202 S. Cheyenne Ave.  
Suite 1000  
Tulsa, Oklahoma 74103-3001  
Phone 918.585.1100  
Fax 918.749.8059



01/27/2020

Attn: Mr. Dean McClure  
1220 S. St. Francis Dr.  
Santa Fe, New Mexico 87505

Subject: Application to Surface Pool Commingling at Common Central Tank Battery  
Chief 30 State 1H, 2H, 3H, 4H, 5, 6, 7H, 8H, & 9H  
All in section 30 T-20S, R-35E Lea County NM  
Berry; Bone Spring, North, Gas (5535)

Mr. McClure,

Pursuant to Division Rule 19.15.12.10, Cimarex Energy Co. respectfully requests administrative approval to Surface Pool Commingle at a Common Central Tank Battery.

These wells are operated by Cimarex Energy Co. of Colorado with identical ownership. There are 2 leases involved (VB-1539 & VB-1540).

Also Attached:

- NMOCD Form C-103
- NMOCD Form C-107B
- Summary Detail
- Letter Stating Identical Ownership
- Lease plat shows boundaries, Lease #s, wellhead and path of production
- Facility Diagram
- NMOCD form C-102 well plats for each well

For future addition of wells, leases, and pools to this commingling operation, notice shall be given to the interest owners in the wells, leases or pools to be added, in accordance with the Division Rule 19.15.12.10 C (4)(g) NMAC.

Thank you,

A handwritten signature in blue ink that reads "Sharon LaValley". The signature is fluid and cursive, written in a professional style.

Sharon LaValley  
Regulatory Supervisor & Lead Eng Tech  
918-295-1673  
[slavalley@cimarex.com](mailto:slavalley@cimarex.com)

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-025-40406	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name Chief 30 State	
8. Well Number 1H	
9. OGRID Number 162683	
10. Pool name or Wildcat Berry; Bone Spring North	
<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other	
2. Name of Operator Cimarex Energy Co of Colorado	
3. Address of Operator 600 N. Marienfeld, Midland, TX 79701	
4. Well Location Unit Letter ___ Lot 4 ___ : ___ 660 ___ feet from the ___ South ___ line and ___ 330 ___ feet from the ___ West ___ line Section 30 Township 20S Range 35E NMPM Lea County	
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input type="checkbox"/>			
CLOSED-LOOP SYSTEM <input type="checkbox"/>			
OTHER: Pool Commingle <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Cimarex Energy Co of Colorado request approval of a surface pool commingle at the Chief 30 State CTB (30-20S-35E) for wells listed below and future wells within the same pools and leases.

Well Name	API	Pool
Chief 30 State 1H	30-025-40406	Berry; Bone Spring North
Chief 30 State 2H	30-025-40694	Berry; Bone Spring North
Chief 30 State 3H	30-025-40872	Berry; Bone Spring North
Chief 30 State 4H	30-025-41066	Berry; Bone Spring North
Chief 30 State 5	30-025-40906	Berry; Bone Spring North
Chief 30 State 6	30-025-43292	Berry; Bone Spring North
Chief 30 State 7H	30-025-43468	Berry; Bone Spring North
Chief 30 State 8H	30-025-44213	Berry; Bone Spring North
Chief 30 State 9H	30-025-44908	Berry; Bone Spring North

Spud Date:  Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Sharon LaValley TITLE Regulatory Sup & Lead Eng Tech DATE 1/29/2020  
Type or print name Sharon LaValley E-mail address: slavalley@cimarex.com PHONE: 918-295-1673

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of Approval (if any): \_\_\_\_\_

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

**OIL CONSERVATION DIVISION**  
1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

**APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)**

OPERATOR NAME: Cimarex Energy Co of Colorado

OPERATOR ADDRESS: 600 N. Marienfeld Street, Suite 600, Midland, TX 79701

APPLICATION TYPE:

Pool Commingling  Lease Commingling  Pool and Lease Commingling  Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE:  Fee  State  Federal

Is this an Amendment to existing Order?  Yes  No If "Yes", please include the appropriate Order No. \_\_\_\_\_

Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling

Yes  No

**(A) POOL COMMINGLING**  
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production	Calculated Value of Commingled Production	Volumes

(2) Are any wells producing at top allowables?  Yes  No

(3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No.

(4) Measurement type:  Metering  Other (Specify)

(5) Will commingling decrease the value of production?  Yes  No If "yes", describe why commingling should be approved

**(B) LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Pool Name and Code. Berry; Bone Spring North (Gas) 5535
- (2) Is all production from same source of supply?  Yes  No
- (3) Has all interest owners been notified by certified mail of the proposed commingling?  Yes  No
- (4) Measurement type:  Metering  Other (Specify)

**(C) POOL and LEASE COMMINGLING**

Please attach sheets with the following information

- (1) Complete Sections A and E.

**(D) OFF-LEASE STORAGE and MEASUREMENT**

Please attached sheets with the following information

- (1) Is all production from same source of supply?  Yes  No
- (2) Include proof of notice to all interest owners.

**(E) ADDITIONAL INFORMATION (for all application types)**

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.
- (2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
- (3) Lease Names, Lease and Well Numbers, and API Numbers.  
Chief 30 State 1 30-025-40406; Chief 30 State 2H 30-025-40694; Chief 30 State 3H 30-025-40872; Chief 30 State 4H 30-025-41066;  
Chief 30 State 5 30-025-40906; Chief 30 State 6 30-025-43292; Chief 30 State 7H; 30-025-43468; Chief 30 State 8H 30-025-44213;  
Chief 30 State 9H 30-025-44908

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Sharon LaValley TITLE: Reg. Supervisor & Lead Eng Tech DATE: 1/27/2020  
TYPE OR PRINT NAME Sharon LaValley TELEPHONE NO.: 918-295-1673  
E-MAIL ADDRESS: slavalley@cimarex.com

**Application for Surface Commingle**

**Oil Production & Allocation:**

Production from the Chief 30 State wells 1H, 2H, 3H, 4H, 5, 6 & 7H flow into a production header and then flow through a common 3-Phase Separator at this facility, followed by a Coriolis oil meter then a heater treater prior to being routed to tanks for sales and storage. Production from the 1H, 2H, 3H, 4H, 5, 6 & 7H will flow through a 3-phase separator to allocate oil production.

Coriolis meter information:

Chief 30 State #1H-7H TEST: XXXXXXXXXP

Chief 30 State #1H-7H Production: XXXXXXXXXP

The Coriolis meters will be used to allocate oil production.

Production from the Chief 30 State 8H & 9H wells will flow into a dedicated three-phase separator for each well, followed by a Coriolis oil meter then a heater treater prior to being routed to tanks for sales and storage.

Chief 30 State #8H: XXXXXXXXXP

Chief 30 State #9H: XXXXXXXXXP

Oil production from all of the wells is commingled at this facility.

**Gas Production & Allocation:**

Production from the Chief 30 State wells 1H, 2H, 3H, 4H, 5, 6 & 7H flow into a production header and then flow through a common 3-Phase Separator at this facility, followed by a Gas Orifice meter prior to being sent to sales. Production from the 1H, 2H, 3H, 4H, 5, 6 & 7H will flow through a 3-phase separator to allocate gas production.

Orifice meter information:

Chief 30 State #1H-7H TEST: XXXXXXXXX

Chief 30 State #1H-7H Production: XXXXXXXXX

The Orifice meters will be used to allocate gas production.

Production from the Chief 30 State 8H & 9H wells will flow into a dedicated three-phase separator, followed by a Orifice meter where it is measured for each well.

Chief 30 State #8H: XXXXXXXXX

Chief 30 State #9H: XXXXXXXXX

Commingled gas production flows to the DCP gas sales meter 742644. Gas production and sales will be allocated back to each well based upon the daily metered volume from the well-head meter or test separator. Sales will be allocated back to each well based upon the monthly metered volume from the well head or test separator and the total sales volume from the DCP sales meter. The well-head meters and gas sales meter will be calibrated on a regular basis per API and NMOCD specifications.

The NMOCD will be notified of any changes to the facilities.

Cimarex understands the requested approval will not constitute the granting of any right-of-way or construction rights.



CIMAREX ENERGY COMPANY  
600 N. Marienfeld Street  
Suite 600  
Midland, TX 79701

January 22, 2020

Attn: New Mexico State Land Office  
Subject: Lease Commingling Application

To whom it may concern:

This letter serves to notice you that the ownership of the following wells is identical in working, royalty and overriding royalty interest and percentages.

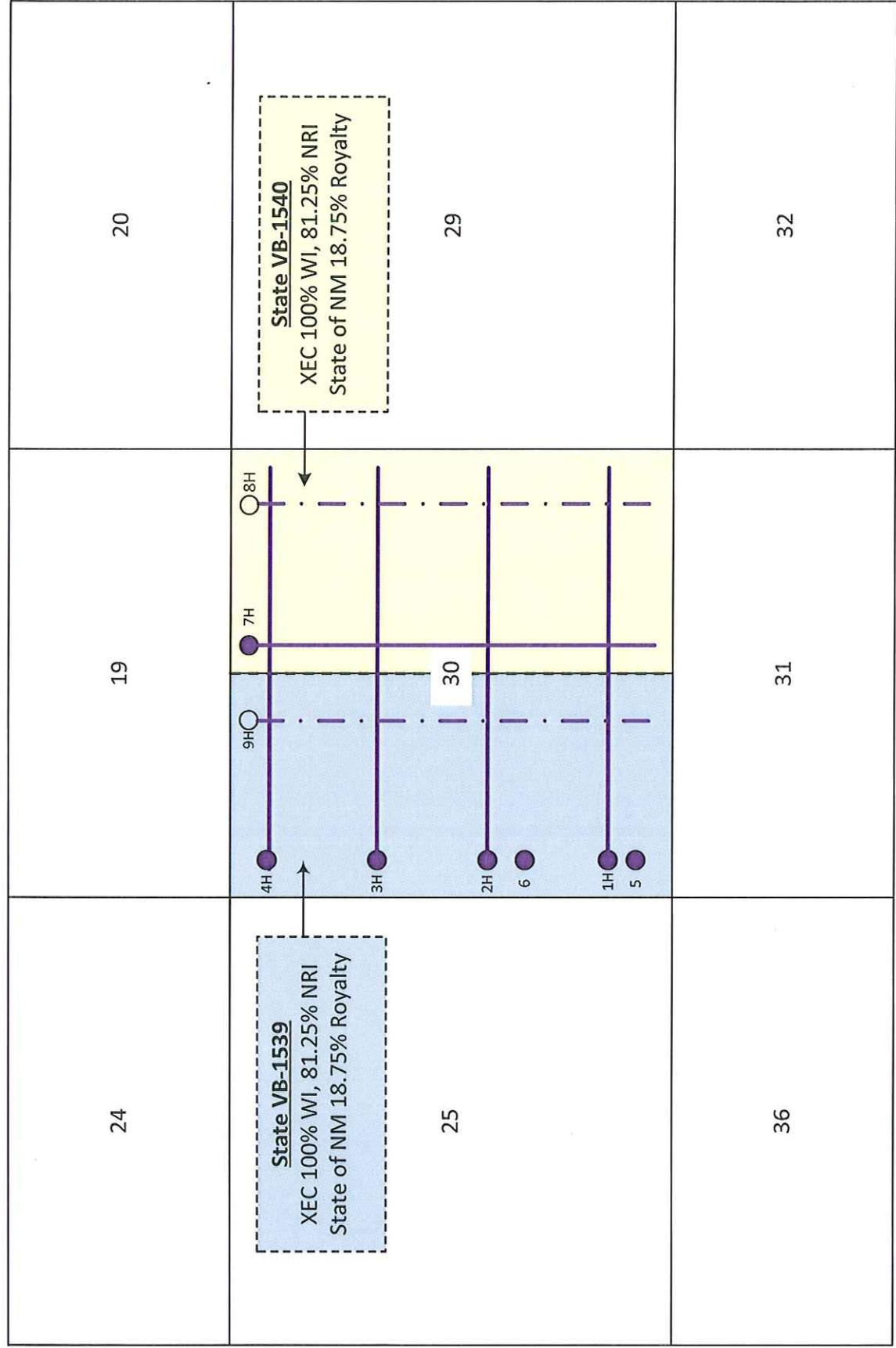
API	WELL NAME	#	LOCATION	POOL	STATUS
30-025-40406	Chief 30 State	1H	M-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-40694	Chief 30 State	2H	L-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-40872	Chief 30 State	3H	E-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-41066	Chief 30 State	4H	D-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-40906	Chief 30 State	5	M-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-43292	Chief 30 State	6	L-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-43468	Chief 30 State	7H	B-30-20S-35E	(5535) Berry; Bone Spring, North	Active
30-025-44213	Chief 30 State	8H	A-30-20S-35E	(5535) Berry; Bone Spring, North	Permitted
30-025-44908	Chief 30 State	9H	C-30-20S-35E	(5535) Berry; Bone Spring, North	Permitted

I certify that this information is true and correct to the best of my knowledge.

Thank you!

John Coffman  
Landman  
jcoffman@cimarex.com

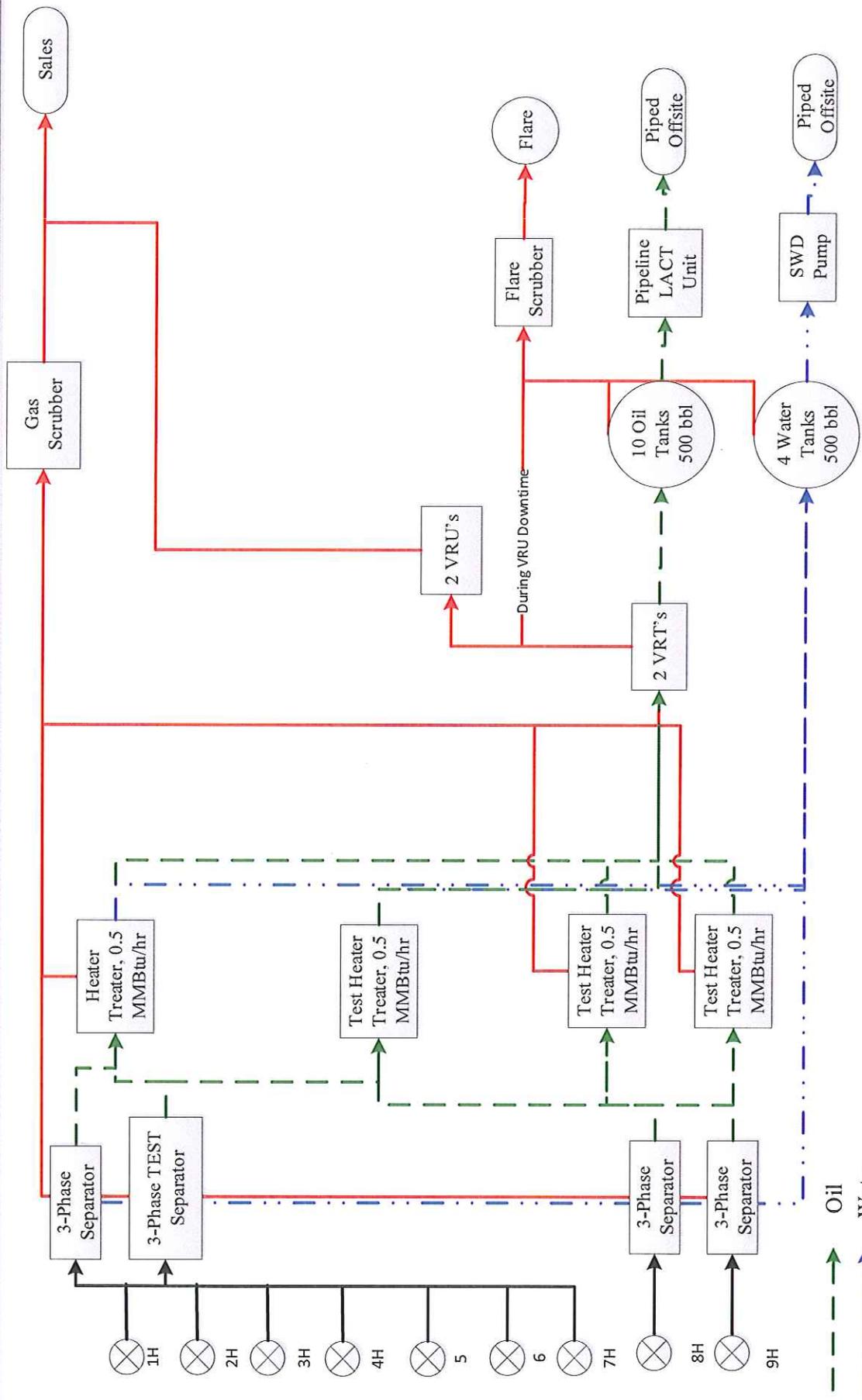
### Section 30, Township 20S, Range 35E Lea County, NM



**LEGEND**

- Drilled Wellhead
- To Be Drilled Wellhead
- Drilled Lateral
- - - To Be Drilled Lateral

# PROCESS FLOW DIAGRAM



- Oil (Green dashed arrow)
- Water (Blue dashed arrow)
- Gas (Red solid arrow)



Chief 30 State Battery  
Lea County, New Mexico

DISTRICT I  
1425 N. French Dr., Hobbs, NM 88240

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88810

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87605

**HOBBS OCD**

**OCT 02 2012**

**RECEIVED**

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised July 16, 2010  
Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87605

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

AMENDED REPORT

API Number <b>30025-40406</b>	Pool Code 5535	Pool Name Berry; Bone Spring North
Property Code <b>39025</b>	Property Name <b>CHIEF STATE</b>	Well Number 1
OGRID No. 162683	Operator Name <b>CIMAREX ENERGY CO. OF COLORADO</b>	Elevation <b>3751'</b>

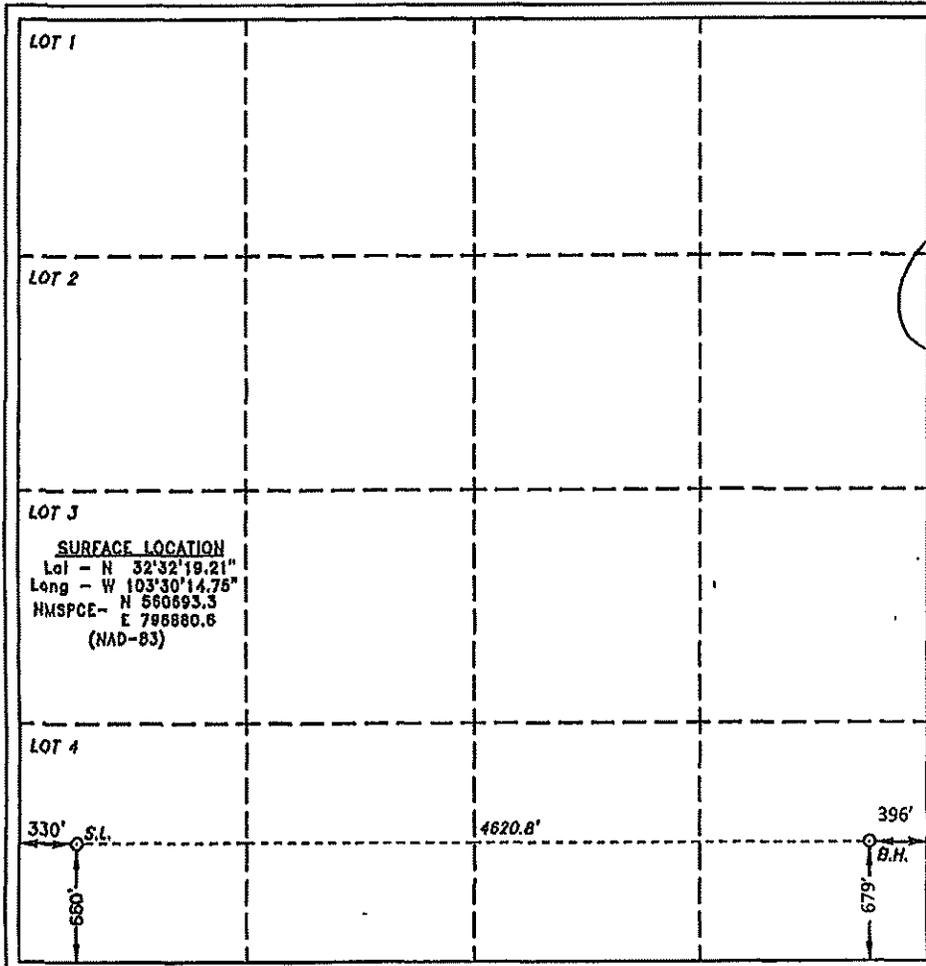
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	30	20 S	35 E		660	SOUTH	330	WEST	LEA

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
P	30	20 S	35 E		<b>679</b>	SOUTH	<b>396</b>	<b>EAST</b>	LEA
Dedicated Acres 160.12	Joint or Infill	Consolidation Code	Order No.	<b>682</b>	<b>4940</b>	<b>W</b>			

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 contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*[Signature]* 9/28/12  
Signature: Terri Stathem Date

Printed Name: tstathem@cimarex.com  
Email 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.

DECEMBER 2012  
Date Surveyed  
Signature & Seal of Professional Surveyor  
W.S.

Certificate No. Gary L. Jones 7977  
BASIN SURVEYS 25875

*ELG 10-25-2012*

OCT 25 2012

**DISTRICT I**  
 1625 N. French Dr., Hobbs, NM 88240  
 Phone (575) 393-8181 Fax (575) 393-8729

**DISTRICT II**  
 811 S. First St., Artesia, NM 88210  
 Phone (575) 748-1823 Fax: (575) 748-9720

**DISTRICT III**  
 1000 Rio Brazos Rd., Artec, NM 87410  
 Phone (505) 834-8178 Fax: (505) 834-8170

**DISTRICT IV**  
 1220 S. St. Francis Dr., Santa Fe, NM 87505  
 Phone (505) 476-3480 Fax: (505) 476-3482

**HOBBS OCD**

State of New Mexico  
 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised August 1, 2011

Submit one copy to appropriate  
 District Office

DEC 18 2012

**OIL CONSERVATION DIVISION**

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

RECEIVED

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

AMENDED REPORT

API Number <b>30-025-40694</b>		Pool Code <b>5535</b>	Pool Name <b>Berry; Bone Spring North</b>
Property Code <b>39359</b>	Property Name <b>CHIEF 30 STATE</b>		Well Number <b>2H</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY CO. of Colorado</b>		Elevation <b>3746'</b>

**Surface Location**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>L</b>	<b>30</b>	<b>20 S</b>	<b>35 E</b>		<b>1880</b>	<b>SOUTH</b>	<b>300</b>	<b>WEST</b>	<b>LEA</b>

**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
<b>I</b>	<b>30</b>	<b>20 S</b>	<b>35 E</b>		<b>1420</b> <b>2340</b>	<b>SOUTH</b>	<b>454.8</b> <b>402</b>	<b>W EAST</b>	<b>LEA</b>

Dedicated Acres <b>160.12</b>	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**

<p><b>SURFACE LOCATION</b>          Lat - N 32°32'31.28"          Long - W 103°30'15.11"          NMSPC- N 561912.9          E 796839.4          (NAD-83)</p>	<p><b>PROPOSED BOTTOM HOLE LOCATION</b>          Lat - N 32°32'32.29"          Long - W 103°29'20.78"          NMSPC- N 562051.6          E 801489.7          (NAD-83)</p>	<p><b>OPERATOR CERTIFICATION</b>          I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.</p> <p><i>Paula Brunson</i> 12/13/12          Signature Date  <b>Paula Brunson</b>          Printed Name  <b>pbrunson@cimarex.com</b>          Email Address</p>
		<p><b>SURVEYOR CERTIFICATION</b>          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 are true and correct to the best of my belief.</p> <p>Date Surveyed          Signature &amp; seal of Professional Surveyor  </p> <p>Certificate No. <b>Gary L. Jones 7977</b></p> <p><b>Basin Surveys</b></p>

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
Phone (505) 393-8161 Fax (505) 393-0126

HOBBS OCD

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

DISTRICT II  
811 S. First St., Arco, NM 88210  
Phone (505) 748-1883 Fax (505) 748-0720

AUG 05 2013

OIL CONSERVATION DIVISION

Submit one copy to appropriate  
District Office

DISTRICT III  
1000 Rio Bravos Rd., Aztec, NM 87410  
Phone (505) 334-8178 Fax (505) 334-8179

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

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 478-3450 Fax (505) 478-3452

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30025-40872	Pool Code 5535	Pool Name Berry; Bone Spring North
Property Code 39025	Property Name CHIEF 30 STATE	Well Number 3
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. Of Colorado	Elevation 3707

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	30	20 S	35 E		1980	NORTH	320	WEST	LEA

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
H	30	20 S	35 E		2248	NORTH	335	EAST	LEA
Dedicated Acres 160.12	Joint or Infill	Consolidation Code	Order No.	4945 W					

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

	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the operator.</p> <p>Signature: <i>Terri Stathem</i> Date: 8/2/13</p> <p>Printed Name: Terri Stathem</p> <p>Email Address: tstathem@cimarex.com</p>
	<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>Date Surveyed: NOVEMBER 14 2012</p> <p>Signature of Professional Surveyor: <i>[Signature]</i></p> <p>Certificate No. 7977</p>
	<p>NOVEMBER 14 2012</p> <p>Basin Surveys</p>
	<p>Basin Surveys</p>

DISTRICT I  
1828 N. French Dr., Hobbs, NM 88240  
Phone (505) 393-8101 Fax: (505) 393-0728

DISTRICT II  
611 S. First St., Artesia, NM 88210  
Phone (505) 748-1283 Fax: (505) 748-9720

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone (505) 331-6178 Fax: (505) 331-6170

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 474-3180 Fax: (505) 474-3182

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 1, 2011

Submit one copy to appropriate District Office

HOBBS OCD

AUG 20 2013

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

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-41066</b>	Pool Code <b>5535</b>	Pool Name <b>Berry; Bone Spring North</b>
Property Code <b>39025</b>	Property Name <b>CHIEF 30. STATE</b>	Well Number <b>4</b>
OGRID No. <b>162683</b>	Operator Name <b>CIMAREX ENERGY CO. Of Colorado</b>	Elevation <b>3696</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	30	20 S	35 E		660	NORTH	320	WEST	LEA

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
A	30	20 S	35 E		1020	NORTH	339	EAST	LEA

Dedicated Acres <b>160.12</b>	Joint or Infill	Consolidation Code	Order No. <b>4941</b>
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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

	<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Aricka Easterling</i> 8/20/13 Signature Date Aricka Easterling</p> <p>Printed Name aeasterling@cimarex.com Email Address</p>	
	<p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>NOVEMBER 14 2012 Date Surveyed Signature of Professional Surveyor 7977</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVYRS</p>	
	<p>N 565310.87 E 796509.31</p> <p>N 565334.51 E 799154.58</p> <p>N 565381.07 E 801792.98</p> <p>N 562668.05 E 796532.76</p> <p>N 562718.48 E 801814.18</p> <p>N 560030.76 E 796558.17</p> <p>N 560051.56 E 799200.88</p> <p>N 560074.99 E 801835.55</p>	
	<p><b>RECEIVED</b></p>	

OCT 22 2013

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

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV  
1229 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD  
JUL 23 2013  
RECEIVED

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised July 18, 2010

Submit one copy to appropriate District Office.

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-025-40906	Pool Code 5535	Pool Name Berry; Bone Spring, North
Property Code 39359	Property Name CHIEF 30 STATE	Well Number 5
GRID No. 215099	Operator Name CIMAREX ENERGY CO.	Elevation 3751'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	30	20 S	35 E		760	SOUTH	530	WEST	LEA

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
LOT 4	30	20 S	35 E		727	SOUTH	343	WEST	LEA

Dedicated Acres 40.12	Joint or Infill	Consolidation Code	Order No.
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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

<p>LOT 1 N: 565310.9 E: 796509.3 NAD 83</p>				<p>N: 565361.1 E: 801793.0 NAD 83</p>	<p><b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Terri Stathem</i> 7-19-13 Signature Date Terri Stathem Printed Name tstathem@cimarex.com Email Address</p> <p><b>SURVEYOR CERTIFICATION</b> 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.</p> <p>DECEMBER 2 2012 Date Surveyed Signature of Professional Surveyor 7977 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 27878</p>
LOT 2					
<p>LOT 3 <b>SURFACE LOCATION</b> Lat - N 32°32'20.12" Long - W 103°30'12.48" NMSPC - N 560784.75 E 797079.39 (NAD-83)</p>					
<p>LOT 4</p> <p>N: 560030.8 E: 796556.2 NAD 83</p> <p>N: 560051.6 E: 799200.9 NAD 83</p> <p>N: 560075.0 E: 801835.6 NAD 83</p>					

AUG 29 2013

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-1722  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

**HOBBS OGD**  
Energy, Minerals & Natural Resources Department

State of New Mexico  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

SEP 15 2016

RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-43292		<sup>2</sup> Pool Code 5535		<sup>3</sup> Pool Name Berry; Bone Spring, North	
<sup>4</sup> Property Code 39359		<sup>5</sup> Property Name CHIEF 30 STATE			<sup>6</sup> Well Number #6
<sup>7</sup> OGRID No. 215099		<sup>8</sup> Operator Name CIMAREX ENERGY CO.			<sup>9</sup> Elevation 3724.8

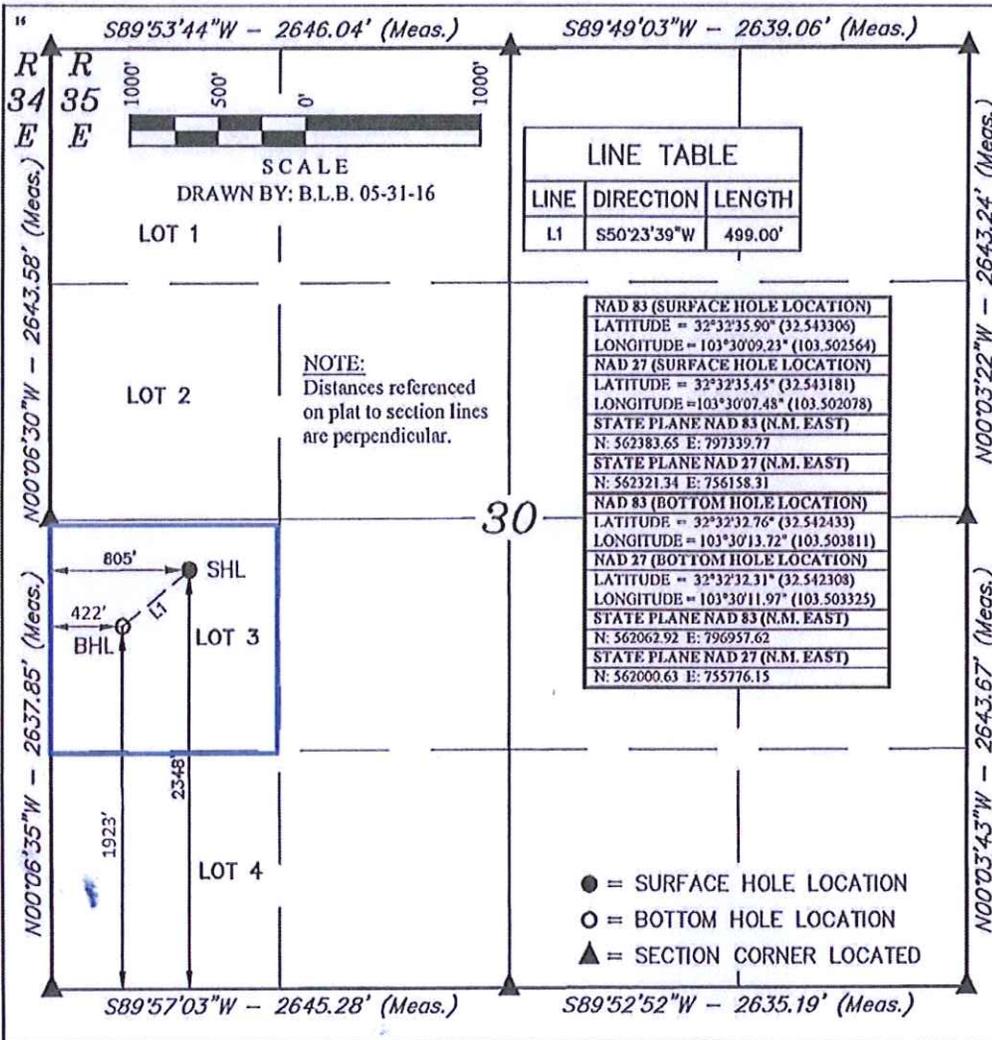
<sup>10</sup> Surface Location

UL or lot no. 3	Section 30	Township 20S	Range 35E	Lot Idn	Feet from the 2348	North/South line SOUTH	Feet from the 805	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. 3	Section 30	Township 20S	Range 35E	Lot Idn	Feet from the 1923	North/South line SOUTH	Feet from the 422	East/West line WEST	County LEA *
<sup>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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 contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the district.

Signature: *Amithy Crawford* Date: 9/13/16  
Printed Name: Amithy Crawford  
E-mail Address: acrawford@Cimarex.com

**"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.

MAY 26, 2016  
Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate Number:

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

JUL 12 2017

AMENDED REPORT

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-43468	<sup>2</sup> Pool Code 5535	<sup>3</sup> Pool Name Berry; Bone Spring, North
<sup>4</sup> Property Code 39359	<sup>5</sup> Property Name CHIEF 30 STATE	
<sup>6</sup> Well Number #7H	<sup>7</sup> Operator Name CIMAREX ENERGY CO.	
<sup>8</sup> OGRID No. 215099	<sup>9</sup> Elevation 3700.7	

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	30	20S	35E		300	NORTH	1980	EAST	LEA

"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
O	30	20S	35E		330	SOUTH	1969	EAST	LEA
<sup>11</sup> Dedicated Acres 160		<sup>12</sup> Joint or Infill		<sup>13</sup> Consolidation Code		<sup>14</sup> 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.

**LEGEND**

- ▲ = SECTION CORNERS LOCATED.
- = SURFACE HOLE LOCATION.
- = BOTTOM HOLE LOCATION.
- ◇ = LANDING POINT.

**LOT 1**

**LOT 2**

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°33'01.99" (32.550553)	
LONGITUDE = 103°29'40.05" (103.494461)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°33'01.55" (32.550431)	
LONGITUDE = 103°29'38.31" (103.493975)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 565040.39 E: 799815.59	
STATE PLANE NAD 27 (N.M. EAST)	
N: 564978.00 E: 758634.15	

**LOT 3**

NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°32'15.95" (32.537764)	
LONGITUDE = 103°29'40.06" (103.494461)	
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°32'15.50" (32.537639)	
LONGITUDE = 103°29'38.31" (103.493975)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 560386.71 E: 799852.86	
STATE PLANE NAD 27 (N.M. EAST)	
N: 560324.48 E: 758671.28	

**LOT 4**

**SCALE**  
DRAWN BY: S.S. 08-16-16

**"OPERATOR CERTIFICATION**

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Kimberleigh Rhodes* 6/20/17  
Signature Date

Kimberleigh Rhodes  
Printed Name

kirhodes@cimarex.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.

AUGUST 10, 2016  
Date of Survey

*Nelson J. Marshall*  
Signature and Seal of Professional Surveyor.

**PROFESSIONAL SURVEYOR**  
NEW MEXICO  
12446  
NELSON J. MARSHALL  
08-19-16

Certificate Number:

**LINE TABLE**

LINE	DIRECTION	LENGTH
L1	S00°03'07"E	600.00'

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
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District Office  
 AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-25-44213		<sup>2</sup> Pool Code 5535		<sup>3</sup> Pool Name Berry; Bone Spring, North	
<sup>4</sup> Property Code 39359		<sup>5</sup> Property Name CHIEF 30 STATE			<sup>6</sup> Well Number 8H
<sup>7</sup> OGRID No. 215099		<sup>8</sup> Operator Name CIMAREX ENERGY CO.			<sup>9</sup> Elevation 3705.3'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	30	20S	35E		330	NORTH	660	EAST	LEA

<sup>11</sup> 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
P	30	20S	35E		330	SOUTH	660	EAST	LEA
<sup>12</sup> Dedicated Acres 160		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

<sup>16</sup>

**LINE TABLE**

LINE	DIRECTION	LENGTH
L1	S00°12'40"E	399.99'

**NOTE:**

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

**<sup>17</sup> OPERATOR CERTIFICATION**

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: Date: 7/2/2018

Printed Name: **Fatima Vasquez**

E-mail Address: **fvasquez@cimarex.com**

**<sup>18</sup> 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.

October 13, 2017

Date of Survey  
Signature and Seal of Professional Surveyor:

Certificate Number:

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 Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-44908		<sup>2</sup> Pool Code 5535		<sup>3</sup> Pool Name Berry; Bone Spring, North	
<sup>4</sup> Property Code 39359		<sup>5</sup> Property Name CHIEF 30 STATE			<sup>6</sup> Well Number 9H
<sup>7</sup> OGRID No. 215099		<sup>8</sup> Operator Name CIMAREX COMPANY			<sup>9</sup> Elevation 3696.5'

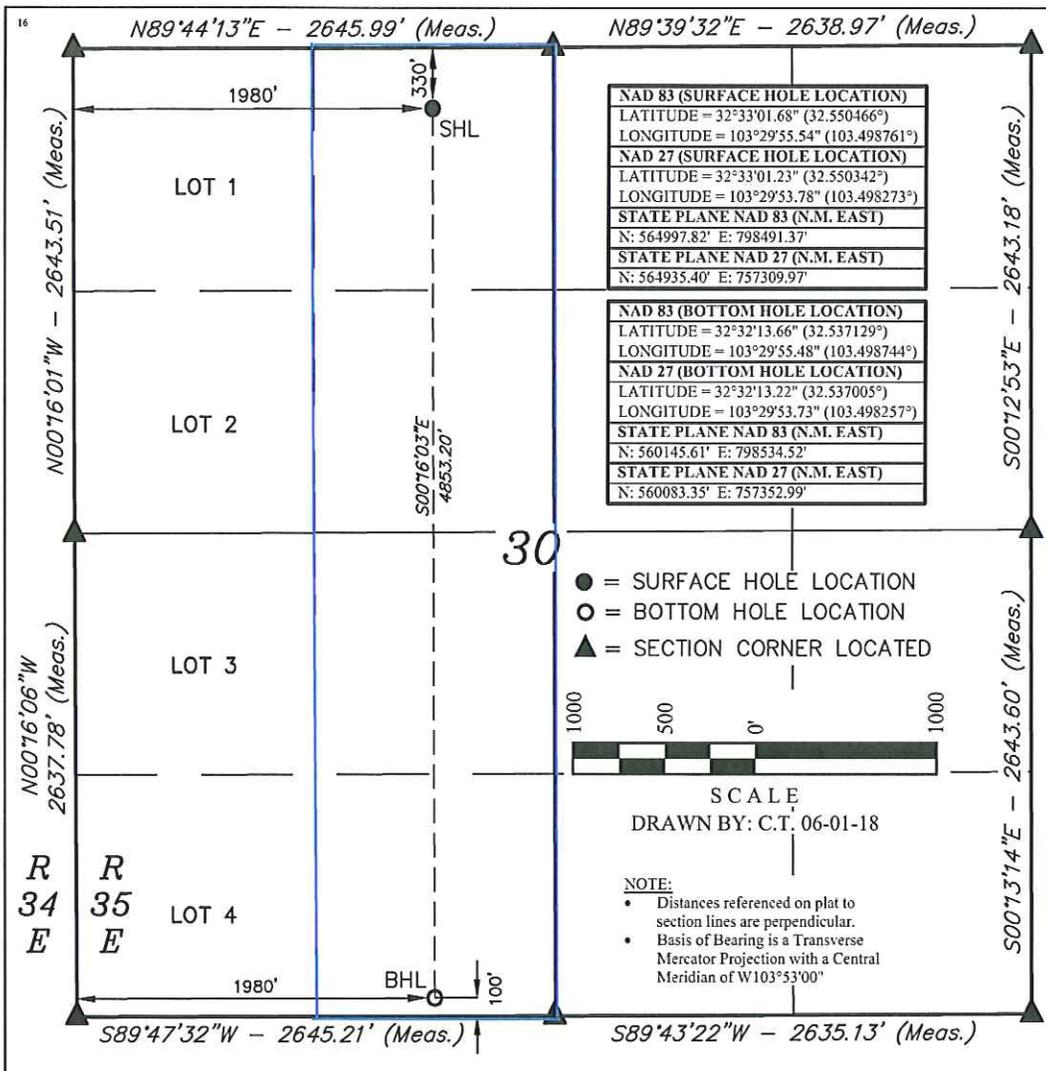
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	30	20S	35E		330	NORTH	1980	WEST	LEA

<sup>11</sup> 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
N	30	20S	35E		100	SOUTH	1980	WEST	LEA
<sup>12</sup> Dedicated Acres 160		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature: *[Signature]* Date: 06/19/2018  
Printed Name: Fatima Vasquez  
E-mail Address: fvasquez@cimarex.com

<sup>18</sup> 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.

Date of Survey: May 24, 2018  
Signature and Seal of Professional Surveyor:



Certificate Number:



**CIMAREX ENERGY CO**  
 1700 LINCOLN STREET SUITE 3700  
 DENVER CO 80203-4518  
 (303) 295-3995

WELLS FARGO BANK NA  
 56-382/412

Present for payment within 180 days.

Vendor No.	Check No.	Check Date	Check Amount
087232	0001751398	07/03/2018	*****\$150.00

**PAY** One Hundred Fifty Dollars and Zero Cents

TO THE ORDER OF **NEW MEXICO STATE LAND OFFICE**  
 310 OLD SANTA FE TRAIL  
 SANTA FE NM 87504

*D. Mark Dupont*  
*Sherril M. Nitta*

SIGNATURE HAS A COLORED BACKGROUND • BORDER CONTAINS MICROPRINTING

⑈0001751398⑈ ⑆041203824⑆ 9600054857⑈

\*PLEASE DETACH AT PERFORATION ABOVE\*

**CIMAREX ENERGY CO**  
 1700 LINCOLN STREET SUITE 3700  
 DENVER CO 80203-4518

\*PLEASE DETACH AT PERFORATION ABOVE\*



(303) 295-3995

Check Number 0001751398

Invoice #	Inv. Date	Description	Amount	Discount	Net Amount
CKREQ341070218	07/02/2018	CHIEF 30 STATE WELLS 1H-9H	150.00	0.00	150.00