

DATE IN <u>8/5/16</u>	SUSPENSE	ENGINEER <u>LRL</u>	LOGGED IN	TYPE <u>NSP</u>	PLEL <u>1622835848</u> APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

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



NSP-2051

### 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

**Application Acronyms:**

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

- [1] TYPE OF APPLICATION - Check Those Which Apply for [A] CIMAREX ENERGY CO
- [A] Location - Spacing Unit - Simultaneous Dedication Klein 33 Fed Com ~~41, 42, 8H~~  
 NSL  NSP  SD API # 30-015-42181
- Check One Only for [B] or [C] POOL: WC-015 G804 5262625B; BONE SPRING
- [B] Commingling - Storage - Measurement [# 98018]  
 DHC  CTB  PLC  PC  OLS  OLM
- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
 WFX  PMX  SWD  IPI  EOR  PPR
- [D] Other: Specify \_\_\_\_\_

- [2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
- [A]  Working, Royalty or Overriding Royalty Interest Owners
- [B]  Offset Operators, Leaseholders or Surface Owner
- [C]  Application is One Which Requires Published Legal Notice
- [D]  Notification and/or Concurrent Approval by BLM or SLO  
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E]  For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F]  Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] 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.

Terri Statham  Regulatory Manager 08/05/16  
 Print or Type Name Signature Title Date  
tstatham@cimarex.com  
 e-mail Address



Cimarex Energy Co.

202 S. Cheyenne Ave. ♦ Suite 1000 ♦ Tulsa, OK 74103 ♦ (432) 620-1938 ♦ Fax (432) 620-1940  
♦ A NYSE Listed Company ♦ "XEC"

August 5, 2016

David Catanach  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

***Re: Application of Cimarex Energy Co. for administrative approval of a Non-Standard Spacing Unit/Horizontal Project Area for its Klein 33 Federal Com #8H (API No. 30-015-42181)***

***SHL: 290' FSL & 2540' FEL (Lot 2)***

***FTP: 330' FSL & 1700' FEL (Lot 2)***

***Both in Sec. 33, Township 26S, Range 27E, NMPPM***

***BHL: 330' FNL & 1700' FEL (UL: B)***

***Section 28, Township 26S, Range 27E, NMPPM***

***Eddy County, New Mexico.***

Dear Mr. Catanach:

Cimarex Energy Co. ("Cimarex") (OGRID No. 215099) is seeking administrative approval under Division Rules 19.15.15.11 NMAC for a 223.44 acre Non-Standard Spacing Unit/Horizontal Project Area for the Klein 33 Federal Com #8H well comprising of the W/2 E/2 of Section 28 and 33, T-26S, R-27E, NMPPM, Eddy County, New Mexico.

The proposed Klein 33 Federal Com #8H, which will be drilled as a horizontal well at a standard well location to test the Bone Spring Pool (98018), will be dedicating to the proposed 223.44 acre non-standard proration unit.

The WC-015 G-04 S262728S; Bone Spring Pool is currently governed by Division Rule 19.19.15.9 which requires standard 40- acre oil spacing and proration units with wells to be located no closer than 330 feet to the outer boundary of the spacing unit/project area.

The attached plat shows that section 33 is an irregular section whose southern boundary is the New Mexico/Texas state line. This section is comprised of four standard 40 acre units (A, B, C, & D) and four non-standard lots (1, 2, 3 & 4) that each comprise of approximately 24 acres.

**NSP – Klein 33 Federal Com 8H**  
**30015-42181**  
**Cimarex Energy Co.**  
**Page 2**

The concurrent development of Sec. 28 and 33 in the Bone Spring formation in the manner proposed by Cimarex represents a reasonable and effective method by which portions of the irregular Sec. 35 can be incorporated into the horizontal Bone Spring project area.

Affected Offset Acreage-Non-Standards Spacing Unit Division Rule 19.15.4.12 (A)(3) requires that notice for Non Standard proration units be provided to "owners of interest in the mineral estate to be excluded from the proration unit in the quarter-quarter section for 40-acre pools or formations, the one-half quarter section for the 80-acre pools or formations, the quarter section for 160-acre pools or formations, the half section for 320- acre pools for formations or section for 640-acre pools or formations in which the non-standard unit is located". As shown on the attached plat, and as previously stated in this application, all acreage in Irregular Section 33 will ultimately be included in one of four horizontal Bone Spring Project Areas operated by Cimarex. Since no acreage will be excluded from participating in Bone Spring development in Sections 28 and Irregular section 33, no interest owner is affected by the proposed non-standard spacing unit, and consequently, notice of this application is not required, and has not been provided to any party.

In summary, approval of the application will provide Cimarex the opportunity to recover oil and gas reserves from the Bone Spring pool underlying the proposed non-standard project area thereby preventing waste and will not violate correlative rights.

If you should have any questions, please call me at 432-620-1936.

Sincerely,



Terri Stathem  
Regulatory Manager  
Cimarex Energy Co.

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 87410  
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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30015-42181	<sup>2</sup> Pool Code 98018	<sup>3</sup> Pool Name Wildcat; Bone Spring
<sup>4</sup> Property Code 40358	<sup>5</sup> Property Name KLEIN 33 FEDERAL COM	
<sup>7</sup> OGRID No. 215009	<sup>6</sup> Operator Name CIMAREX ENERGY CO.	<sup>8</sup> Well Number 8H <sup>9</sup> Elevation 3197'

<sup>10</sup> Surface Location

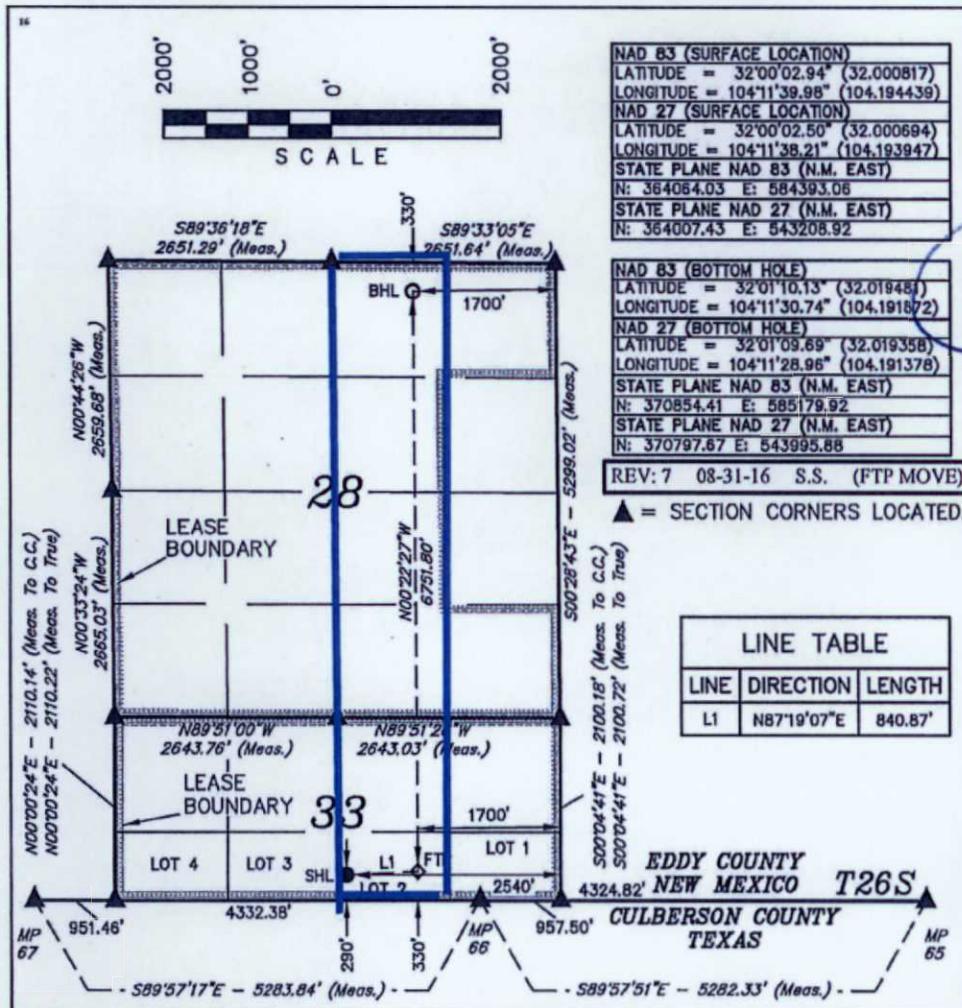
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	33	26S	27E		290	SOUTH	2540	EAST	EDDY

<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
B	28	26S	27E		330	NORTH	1700	EAST	EDDY

<sup>12</sup> Dedicated Acres 223.44	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No assurance 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> 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 filed with the division.

Signature: *Terri Stathem* Date: 9-26-16

Printed Name: Terri Stathem  
E-mail Address: TStathem@cimarex.com

<sup>17</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.

August 29, 2013

Date of Survey  
Signature and Seal of Professional Surveyor:



Certificate Number:

## **Lowe, Leonard, EMNRD**

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**From:** Terri Stathem <TStathem@cimarex.com>  
**Sent:** Friday, September 23, 2016 8:57 AM  
**To:** Lowe, Leonard, EMNRD  
**Cc:** Jones, William (wjones@slo.state.nm.us)  
**Subject:** NSP application information - Klein 33 Fed

It was very good to meet you this week. I appreciate you taking the time to talk with us about our upcoming drilling projects.

I sent you the revised C102 on September 1 to correct the FTP for the #7H and 8H. The #5H did not require a change.

### **Klein 33 Federal 5H:**

SHL: 210' FSL 1980' FWL – Sec. 33, 26S, 27E  
FTP: 330' FSL 1980' FWL – Sec. 33, 26S, 27E  
LTP: 345' FNL 1713' FWL – Sec. 28, 26S, 27E  
BHL: 345' FNL 1713' FWL – Sec. 28, 26S, 27E

### **Klein 33 Federal 7H:**

SHL: 290' FSL 2560' FEL – Sec. 33, 26S, 27E  
FTP: 330' FSL 2660' FEL – Sec. 33, 26S, 27E  
LTP: 330' FNL 2660' FEL – Sec. 28, 26S, 27E  
BHL: 330' FNL 2660' FEL – Sec. 28, 26S, 27E

### **Klein 33 Federal 8H:**

SHL: 290' FSL 2540' FEL – Sec. 33, 26S, 27E  
FTP: 330' FSL 1700' FEL – Sec. 33, 26S, 27E  
LTP: 330' FNL 1700' FEL – Sec. 28, 26S, 27E  
BHL: 330' FNL 1700' FEL – Sec. 28, 26S, 27E

Thanks and please let me know if you have any other question. We are ready to drill these wells as soon as we have these approvals.

Thanks,

*Terri Stathem*

Manager – Regulatory Compliance  
202 S. Cheyenne Ave, Suite 1000  
Tulsa, OK 74103-3001

Office: 918-585-1100  
Direct: 432-620-1936  
Cell: 918-633-9702  
Fax: 918-749-8059

**Lowe, Leonard, EMNRD**

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**From:** Lowe, Leonard, EMNRD  
**Sent:** Friday, September 30, 2016 8:23 AM  
**To:** 'Terri Stathem'  
**Cc:** Bayliss, Randolph, EMNRD; Sharp, Karen, EMNRD; McMillan, Michael, EMNRD; Goetze, Phillip, EMNRD; Jones, William V, EMNRD; 'lisa@rwbyram.com'; 'jglover@blm.gov'; 'scaffey@blm.gov'; 'jstovall@blm.gov'; 'rjsanche@blm.gov'  
**Subject:** NSP-2051\_Klein 33 Federal Com Well No. 8H, Eddy County\_33/28 26S 27E  
**Importance:** High

Ms. Terri Stathem,

The following permit has been issued and will soon be available on the Division's web site:  
<http://ocdimage.emnrd.state.nm.us/imaging/WellFileCriteria.aspx>

**NSP-2051**

Cimarex Energy Company

API #: 30-015-42181

WELL: Klein 33 Federal Com Well No. 8H, Eddy County

**Leonard Lowe**

Engineering Bureau

Oil Conservation Division

Energy Minerals and Natural Resources Department

1220 South St. Frances

Santa Fe, New Mexico 87004

Office: 505-476-3492

Fax: 505-476-3462

E-mail: [leonard.lowe@state.nm.us](mailto:leonard.lowe@state.nm.us)

Website: <http://www.emnrd.state.nm.us/ocd/>