

RECEIVED: 4-5-2017	REVIEWER: LRL	TYPE: NSL	APP NO: pKSC1709558173
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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: Cimarex Energy Co. of Colorado	OGRID Number: 162683
Well Name: Irwin 23-14 Federal I	API: 30-015-39891
Pool: Bensen Bone Spring	Pool Code: 5200

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

NSL-7

- 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

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

- 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

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.

Jennifer L. Bradfute

 Print or Type Name

Jennifer L. Bradfute

 Signature

4/4/2017

 Date

505-848-1845

 Phone Number

jlb@modrall.com

 e-mail Address



MODRALL SPERLING

L A W Y E R S

April 4, 2017

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

Jennifer L. Bradfute
505.848.1845
Fax: 505.848.1882
jlb@modrall.com

Re: Application of Cimarex Energy Co. of Colorado for administrative approval of unorthodox well location for its Irwin 23-14 Federal 1 well, located in the NE/4 NE/4 of Section 23 and the E/2 E/2 of Section 14, Township 19 South, Range 30 East, N.M.P.M., Eddy County, New Mexico (the "Well").

Dear Mr. Catanach:

Cimarex Energy Co. of Colorado ("Cimarex") (OGRID No. 162683) administrative approval of an unorthodox well location ("NSL") for its **Irwin 23-14 Federal 1 well** (API No. 30-015-39891) to be completed within the Benson Bone Spring pool (Pool Code 5200) underlying the NE/4 NE/4 of Section 23 and the E/2 E/2 of Section 14, Township 19 South, Range 30 East, N.M.P.M., Eddy County, New Mexico. A C-102 for the Well is attached as Exhibit A. This is a horizontal Well that will be drilled as follows:

- Surface Hole Location: 1300 feet from the North line and 695 feet from the East line of Section 23, Township 19 South, Range 30 East;
- First Perforation Point: 1260 feet from the North line and 680 feet from the East line of Section 23, Township 19 South, Range 30 East;
- Last Perforation Point and Bottom Hole Location: 344 feet from the North line and 694 feet from East line of Section 14, Township 19 South, Range 30 East.

Cimarex is requesting this NSL in order to efficiently produce its interests in Section NE/4 NE/4 of Section 23 and the E/2 E/2 of Section 14. In addition Cimarex requires approval of this unorthodox location because these mineral interests are located within the designated potash area and this well location has been designated and approved by the Bureau of Land Management ("BLM"). This Well has been drilled to produce from the Benson Bone Spring

Modrall Sperring
Roehl Harris & Sisk
P.A.

Bank of America
Centre
500 Fourth Street
NW
Suite 1000
Albuquerque,
New Mexico 87102

P.O. Box 2168
Albuquerque,
New Mexico
87103-2168

Tel: 505.848.1800

pool (Pool Code 5200). There are no special pool rules for this pool, and thus the setback requirements under Rule 19.15.15.9 of 330' apply. The first perforation point for the proposed Well is closer than 330' from the boundary of the project area. This unorthodox location will encroach towards the SE/4 NE/4 of Section 23, Township 19 South, Range 30 East. As stated in the attached letter as Exhibit B, provided by Cimarex, the Irwin 23-14 Federal 1 well has been drilled on Federal Lease NM-001085. This lease covers 760 acres, which includes all of Section 14. Cimarex has acquired 100% of the working interests in this lease in the Benson Bone Spring pool (Pool Code 5200). As a result, there are no affected parties to this application other than Cimarex.

Your attention to this matter is appreciated.

Sincerely,


*Attorney for Cimarex Energy Co.
of Colorado*

Cimarex Energy Co.
600 N. Marienfeld St.
Suite 600
Midland, TX 79701
MAIN 432.571.7800



RECEIVED
MAR 23 11:36 AM
MARCH 23, 2017

Mr. Leonard Lowe
Engineering Bureau
Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St. Frances
Santa Fe, New Mexico 87004

RE: Irwin 23-14 1H Recompletion
API # 30-015-39891
Sections 14 & 23-T19S-R30E
Eddy County, New Mexico

VIA Cert. Mail

Dear Mr. Lowe:

The Irwin 23-14 1H was drilled on federal Lease NM-001085. The well is located (SHL) 1300' FNL and 695' FEL Section 23-T19S-R30E, Eddy County, New Mexico. The well is on Federal Lease NM-001085. This lease covers 760 acres, including all of Section 14 and the N/2 NE/4 plus the NE/4 NW/4 of Section 23. Cimarex acquired 100% of this lease by four separate Term Assignments. The well spudded March 14, 2012. Cimarex is the operator and has 100% leasehold rights as follows:

Section 14: W/2 – All Depths
SE/4 NE/4 – Below 2250' subsurface
SE/4, W/2 NE/4, NE/4 NE/4 – Below 2250' subsurface

Section 23: N/2 NE/4, NE/4 N2NW/4 – All Depths

The well is assigned to the Hackberry; Bone Spring, NW Pool. The well is a 2nd Bone Spring horizontal producer. Cimarex desires to recomplete the vertical section to add 1st Bone Spring

EXHIBIT

B

production and additional 2nd Bone Spring production. I have attached documentation that may help. Please let me know if you have any questions.

Sincerely,



Nash J. Dowdle Jr., CPL
Production Landman
Tel. 432-571-7857-off
Fax: 432-571-7840
Email: ndowdle@cimarex.co

May 22, 2017

VIA email

Mr. Michael McMillan
Engineering Bureau
Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St. Frances
Santa Fe, New Mexico 87004

RE: Irwin 23-14 1H Recompletion
API # 30-015-39891
Sections 14 & 23-T19S-R30E
Eddy County, New Mexico

Dear Mr. McMillan:

The Irwin 23-14 1H was drilled on federal Lease NM-001085. The well is located (SHL) 1300' FNL and 695' FEL Section 23-T19S-R30E, Eddy County, New Mexico. The well is on Federal Lease NM-001085. This lease covers 760 acres, including all of Section 14 and the N/2 NE/4 plus the NE/4 NW/4 of Section 23. Cimarex acquired 100% of this lease by four separate Term Assignments. The well spudded March 14, 2012. Cimarex is the operator and has 100% leasehold rights as follows:

Section 14: W/2 – All Depths
SE/4 NE/4 – Below 2250' subsurface
SE/4, W/2 NE/4, NE/4 NE/4 – Below 2250' subsurface

Section 23: N/2 NE/4, NE/4 N2NW/4 – All Depths
SE/4 NE/4 – Below 3800' subsurface

The well is assigned to the Hackberry; Bone Spring, NW Pool. The well is a 2nd Bone Spring horizontal producer. Cimarex desires to recomplate the vertical section to add 1st Bone Spring production and additional 2nd Bone Spring production. I have attached documentation that may help. Please let me know if you have any questions.

Sincerely,



Nash J. Dowdle Jr., CPL
Production Landman
Tel. 432-571-7857-off
Fax. 432-571-7840
Email: ndowdle@cimarex.co

REC: 04/05/2017

PN END 04/25/2017

NSL: _____ OPER: Cimarex Energy Co. (162683)

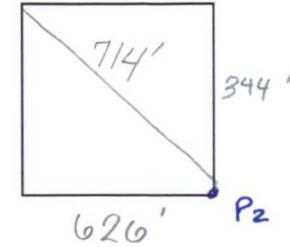
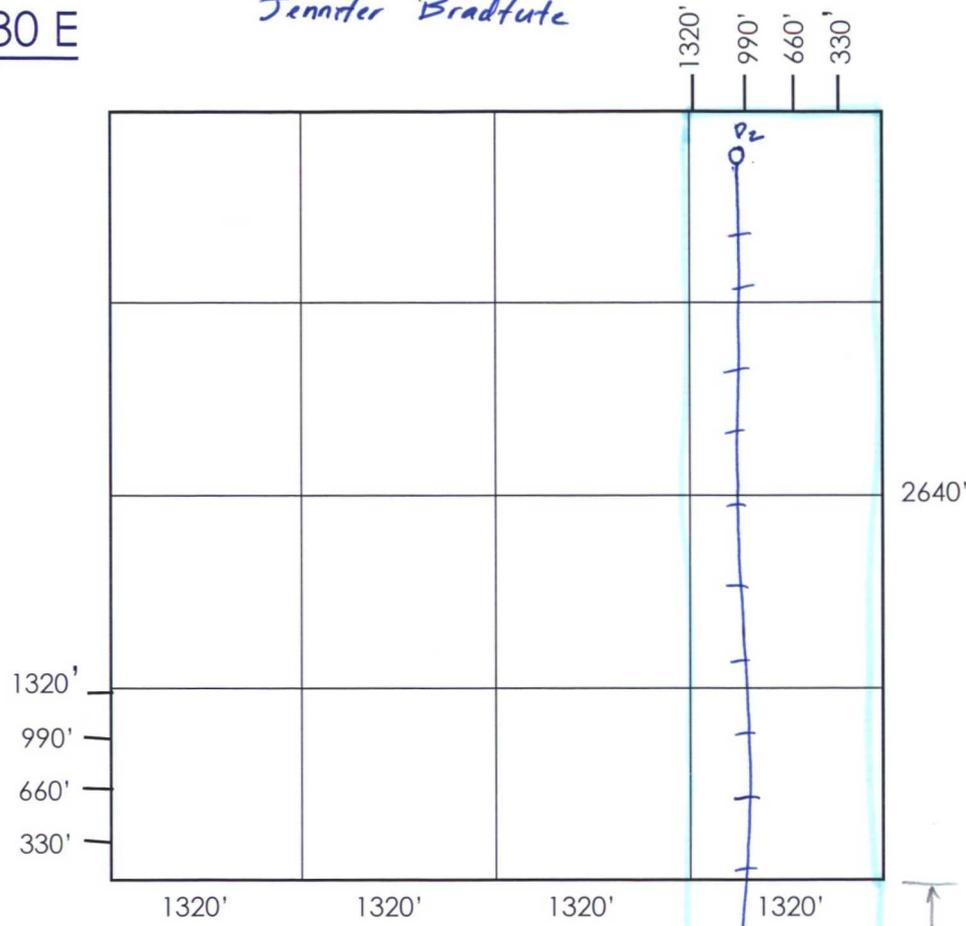
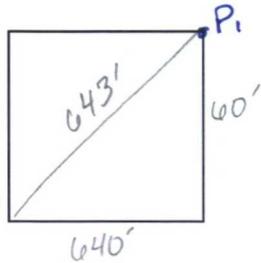
API: 30-015-39891

POOL: Bensen Bone Spring (5200) (SHL):

WELL: Irwin 23-14 Federal #1

SEC: 23 TWN: 19 S RNG: 30 E

Jennifer Bradfute



- S.L. → 1300' FNL & 695' FEL
- P1 → 1260' FNL & 680' FEL
- P2 → 344' FNL & 694' FEL
- B.L. → 1 1 1 1

GAS: 320' ACRE: 660' SET BACK(933 HYP)

OIL: 40' ACRE: 330' SET BACK (466 HYP)

DISTRICT I
1025 N. French Dr., Hobbs, NM 88249

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

DISTRICT III
1000 Rio Grande Rd., Alamogordo, NM 88001

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

RECEIVED
MAY 25 2012
OIL
NMQGD ARTESIA

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

Form C-102
Revised October 15, 2009
Submit one copy to appropriate District Office

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30015-39891	Pool Code 5200	Pool Name Benson; Bone Spring
Property Code 39056	Property Name IRWIN "23-14" Federal	Well Number 1
OCRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3280'

Surface Location

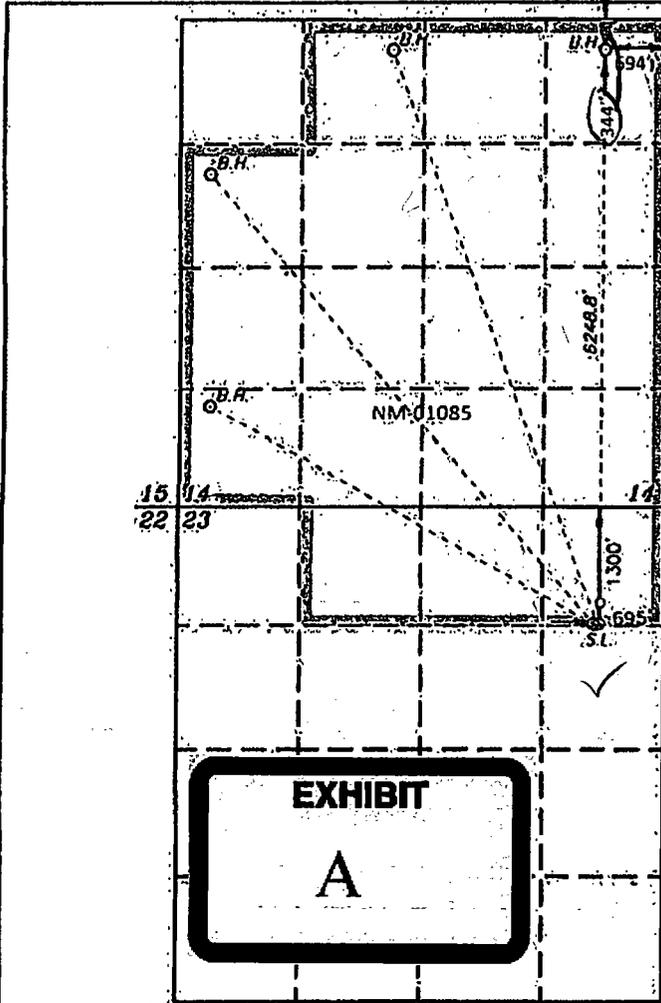
UL of lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	19 S	30 E		1300	NORTH	695	EAST	EDDY

Bottom Hole Location If Different From Surface

UL of lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	14	19 S	30 E		344	NORTH	694	EAST	EDDY

Dedicated Acres 720	Joint or Infill	Consolidation Code	Order No. NSL Pending
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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



SURFACE LOCATION
Lat = N 32°58'58.26"
Long = W 103°56'10.86"
NAD83 = N 800253.0
E 663522.3
(NAD-83)

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 state.

Terri Stathem
Signature Date 7/23/2012

Printed Name Terri Stathem

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.

GARY L. JONES
Professional Surveyor
Seal of Professional Surveyor
Date of Survey
Signature & Seal of Professional Surveyor

Certificate No. Gary L. Jones 7977

BASIN SURVYS

Scale 1"=2000'



Cimarex Energy Co. of Colorado

600 N. Marienfeld St. ♦ Suite 600 ♦ Midland, TX 79701 ♦ (432) 620-1938 ♦ Fax (432) 620-1940
A subsidiary of Cimarex Energy Co. • A NYSE Listed Company • "XEC"

May 17, 2017

Mr. Michael McMillan
Engineering Bureau
Oil Conservation Division
Energy Minerals and Natural Resources Department
1220 South St. Frances
Santa Fe, New Mexico 87004

RE: Irwin 23-14 1H Recompletion
API # 30-015-39891
Sections 14 & 23-T19S-R30E
Eddy County, New Mexico

Dear Mr. McMillan:

The Irwin 23-14 1H well was drilled and completed on May 18, 2012. The well is located at 1300' FNL & 695' FEL Section 23-T19S-R30E, Eddy County, New Mexico.

Cimarex desires to recomplate the vertical section as follows:

Completion Interval:

First Take Point location: 1268' FNL & 680' FEL, Sec. 23, 19S, 30E
Last Take Point Location: 1265' FNL & 678' FEL, Sec. 23, 19S, 30E

The proposed completion interval for this well is closer than the 330' from the boundary of the project area. Cimarex is proposing to add the additional Bone Spring perfs in order to produce from Sec. 23, 19S, 30E.

Sincerely,

Terri Stathem
Manager Regulatory Compliance
432-620-1936