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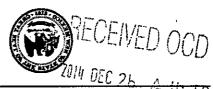
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



		AUMINISTRATIVE A	PPLICATION CHECKLIST
Ţ	THIS CHECKLIST IS M		PPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS IG AT THE DIVISION LEVEL IN SANTA FE
Appli	cation Acronym		O AT THE DATION CEPTER IN ORIVING
	[NSL-Non-Sta	ndard Location] [NSP-Non-Stand	lard Proration Unit] [SD-Simultaneous Dedication]
	-	-	se Commingling] [PLC-Pool/Lease Commingling]
	[PC-Po	ool Commingling] [OLS - Off-Le	
			[PMX-Pressure Maintenance Expansion] [IPI-Injection Pressure Increase]
	(EOR-Qua	lified Enhanced Oil Recovery Cer	-
	•	·	1150
1]	TYPE OF A	PPLICATION - Check Those Wh	nich Apply for [A]
	· [A]	Location - Spacing Unit - Simul	Itaneous Dedication Columbdo
		☐ NSL ■ NSP ☐ SD	162683
	Ø1 1	. O O. t. f [D] [C]	
		One Only for [B] or [C] Commingling - Storage - Measu	rement - Inwin 2314Keden/ 14
	[B]	DHC CTB PLO	
		Diffe C Cib C Ib	,
	[C]	Injection - Disposal - Pressure In	ncrease - Enhanced Oil Recovery
	,		$r_{\rm D} = r_{\rm D} = r_{\rm$
			- Inwin 2314Kedenel 34
	[D]	Other: Specify	30-015-31893
[2]	NOTIFICAT	ION REQUIRED TO: - Check T	
	[A]	Working, Royalty or Overri	Those Which Apply, or Does Not Apply Thum 23 1412 day iding Royalty Interest Owners
	(D)	— 0% + 0 + 1 1 - 1	30-015-39844
	[B]	Offset Operators, Leasehold	ders of Surface Owner P_{OO}
	[C]	Application is One Which I	Requires Published Legal Notice Requires Published Legal Notice Spains Tent Approval by BLM or SLO This signer of Public Lends State Lend Office
	(D)		PRing
	[D]		rent Approval by BLM or SLO missioner of Public Lands, State Land Office
	[E]	For all of the above, Proof of	of Notification or Publication is Attached, and/or,
	[F]	Waivers are Attached	
	f _* 1	Warvers are Attached	
3]		CURATE AND COMPLETE IN ATION INDICATED ABOVE.	NFORMATION REQUIRED TO PROCESS THE TYPE
	OF ALLEICA	ATION INDICATED ABOVE.	
[4]	CERTIFICA	TION: I hereby certify that the in	formation submitted with this application for administrative
		•	owledge. I also understand that no action will be taken on this
		quired information and notification	
•	. Note	: Statement must be completed by an in	ndividual with managerial and/or supervisory capacity.
	,		
	d Catanach	Lauid Catanad	Agent for Cimarex Energy Co. of Colorado
rrint (or Type Name	Signature	Title
		12/26/14	drcatanach@netscape.com
		Date	F-Mail Address

Hand Delivered

New Mexico Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, New Mexico 87505

Attention:

Mr. Scott Dawson

Acting Division Director

Re:

Application for Non-Standard Spacing Unit/

Horizontal Project Area

N/2 NE/4 & NE/4 NW/4 of Section 23 &

S/2, NE/4, S/2 NW/4 & NE/4 NW/4 of Section 14 Both in Township 19 South, Range 30 East, NMPM,

Eddy County, New Mexico

Dear Mr. Dawson:

Pursuant to Division Rule 19.15.15.11, Cimarex Energy Company of Colorado ("Cimarex") respectfully requests administrative approval for a 720-Acre Non-Standard Spacing Unit/Horizontal Project Area in the Benson-Bone Spring Pool (5200) comprising the N/2 NE/4 & NE/4 NW/4 of Section 23 and the S/2, NE/4, S/2 NW/4 and NE/4 NW/4 of Section 14, both in Township 19 South, Range 30 East, NMPM, Eddy County, New Mexico.

The proposed spacing unit/horizontal project area is to be dedicated to the following-described existing wells:

1. Irwin 23 14 Federal No. 1 (API No. 30-015-39891) located as follows:

Surface Location: 1300° FNL & 695° FEL (Unit A) Section 23

FTP: 984' FNL & 711' FEL (Unit A) of Section 23 BHL: 344' FNL & 694' FEL (Unit A) of Section 14

2. Irwin 23 14 Federal No. 2 (API No. 30-015-39892) located as follows:

Surface Location: 1300' FNL & 725' FEL (Unit A) of Section 23

FTP: 741' FNL & 929' FEL (Unit A) of Section 23 BHL: 341' FNL & 2307' FWL (Unit C) of Section 14

3. Irwin 23 14 Federal No. 3H (API No. 30-015-39893) located as follows:

Surface Location: 1300' FNL & 755' FEL (Unit A) of Section 23

FTP: 505' FNL & 1480' FEL (Unit B) of Section 23

LTP: 1698' FNL & 351' FWL (Unit E) of Section 23

BHL: 1647' FNL & 333' FWL (Unit E) of Section 14

Cimarex Energy Company of Colorado Application for Non-Standard Spacing Unit/ Horizontal Project Area Irwin 23 14 Wells No. 1, 2, 3H and 4H Page 2

> Irwin 23 14 Federal No. 4H (API No. 30-015-39894) located as follows: Surface Location: 1300' FNL & 785' FEL (Unit A) of Section 23 FTP: 700' FNL & 1774' FEL (Unit B) of Section 23 BHL: 1087' FSL & 411' FWL (Unit M) of Section 14

The Irwin 23 14 Federal No. 1 was drilled and completed in the Benson-Bone Spring Pool in March, 2012. At the time the well was drilled, Cimarex submitted a Form C-102 to the Artesia District Office of the Division ("Artesia OCD") showing the horizontal project area for the well to comprise the N/2-NE/4 & NE/4 NW/4 of Section 23 and the S/2, NE/4, S/2 NW/4 and NE/4 NW/4 of Section 14, both in Township 19 South, Range 30 East, NMPM, Eddy County, New Mexico. At that time, the Artesia OCD did not require Cimarex to obtain an order approving a non-standard spacing unit/horizontal project area for this well.

The Irwin 23 14 Federal No. 2 was drilled and completed in the Benson-Bone Spring Pool in June, 2012. A Form C-102 submitted to the Artesia OCD showed this well to be dedicated to the same 720-acre horizontal project area that was dedicated to the Irwin 23 14 Federal No. 1.

The Irwin 23 14-Federal No. 3H was drilled and completed in the Benson-Bone-Spring Pool in December 2012. A Form C-102 submitted to the Artesia OCD showed this well to be dedicated to the same 720-acre horizontal project area that was dedicated to the Irwin 23 14 Federal Wells No. 1 & 2. Subsequently, Cimarex obtained Order No. NSL-6855 dated September 11, 2013 which order approved an unorthodox FTP and bottomhole location for this well. Pursuant to Order No. NSL-6855, the horizontal project area dedicated to the Irwin 23 14 Federal No. 3H consisted of 280-acres and comprised the SW/4 NW/4, N/2 SW/4, SE/4 SW/4 & SW/4 SE/4 of Section 14, and the N/2 NE/4 of Section 23.

The Irwin 23 14 Federal No. 4H was drilled and completed in the Benson-Bone Spring Pool in March, 2013. A Form C-102 submitted to the Artesia OCD showed this well to dedicated to the same 720-acre horizontal project area that was dedicated to the Irwin 23 14 Federal Wells No. 1, 2 and 3H.

An examination of the directional survey for the Irwin 23 14 Federal No. 3H indicates that the well is located at standard FTP and LTP locations within the proposed 720-acre non-standard spacing unit/horizontal project area.

Cimarex requests approval of the proposed 720-acre non-standard spacing unit/horizontal project area, and in support thereof states that:

- 1. An examination of the directional surveys for the Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H indicates that all wells are at standard FTP, LTP and/or BHL locations within the proposed 720-acre non-standard spacing unit/horizontal project area; and,
- 2. The Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H will adequately drain and develop the proposed 720-acre non-standard spacing unit/horizontal project area in the Benson-Bone Spring Pool.

The proposed 720-acre non-standard spacing unit/horizontal project area excludes the NW/4 NW/4 of Section 23 and the NW/4 NW/4 of Section 14. Pursuant to Division rules, notice of this application is required to be furnished to the leasehold owners of the tracts being excluded from the proposed non-standard spacing unit/horizontal project area. Cimarex is the Bone Spring leasehold owner within the NW/4 NW/4 of Section 14. In addition, the interest ownership between the NW/4 NW/4 of Section 14 and the proposed 720-acre non-standard spacing unit/horizontal project area is common. Consequently, notice of this application is not required as to the NW/4 NW/4 of Section 14. The Bone Spring leasehold owner within the NW/4 NW/4 of Section 23 is ExxonMobil Corporation. In accordance with Division rules, ExxonMobil Corporation will be provided notice of this application.

Attached is a Form C-102 for each of the Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H showing the surface and bottomhole well locations and proposed non-standard spacing unit/horizontal project area. Also attached is a map showing the subject wells, proposed non-standard spacing unit/horizontal project area, and affected offset tracts.

In summary, approval of the application will provide Cimarex the opportunity to recover additional oil and gas reserves from the Benson-Bone Spring Pool underlying the N/2 NE/4 & NE/4 NW/4 of Section 23 and the S/2, NE/4, S/2 NW/4 and NE/4 NW/4 of Section 14, both in Township 19 South, Range-30 East, NMPM, Eddy County, New Mexico, that may otherwise not be recovered, thereby preventing waste, and will not violate correlative rights.

If you should have any questions, please call me at (505) 690-9453.

Sincerely,

David Catanach, Agent

Cimarex Energy Company of Colorado

600 North Marienfeld, Suite 600

Midland; Texas 79701

RECEIVED DISTRICT I. Form C-102 State of New Mexico Energy, Minerals and Natural Resources Department. 1625 N. Franch Dr. Wohl Revised October 15, 2009 180) V. Crane Arreur, Artine Mi'estel 25 2012 Submit one copy to appropriate District Office CONSERVATION DIVISION NMOCD ARTESIA DISTRICT III 1220 South St. Francis Dr. Santa Fe, New Mexico 87505 1000 Rio Brezos Rd., A DISTRICT: IV 1820 8. St. Francis Dr., Santa Ve. WW. 87503 ALIENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name API Number 30015-39891 5200 Benson, Bone Spring Property Code Well Number Property Name RWIN "23-14" 39056 Federal Operator Name OGRID No. Blevation 3280 162683 CIMAREX ENERGY CO. OF COLORADO Surface Location North/South line Peet from the East/West line UL or lot No. Section Range Peet from the County Township Lot Idn NORTH 695 EAST EODY 23 19 S 30 E 1300 · A Bottom Hole Location If Different From Surface County UL or lot No. Peet from the North/South line Past/Hest line Section Lot lon. Peet from the Township Range 344 694 14 NORTH 19 S 30 E **EAST** EDDY Dedicated Acres Joint or Infill Consolidation Code Order No. **NSL Pending** NO ALLOWABLE WILL HE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE HEEN CONSOLIDATED. OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION Liberaby certify that the information contained herein is frue and complete to the best of my knowledge and belief, and that this organization either owns a working interest or influence mineral interest in the lead including the proposed bottom hale location or has a right to duli 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 commission pooling agreement or a facility of the contraction o 7/23/2012 Bigna Date JB.A. Terri STathem NM-01085 SURVEYOR CERTIFICATION 15 13 22 23 24 I heroby certify that the well tecation shown on this plat was plotted from field noise of actual surveys made by me or under my superidson and that the some is true and correct to the SURFACE LOCATION Lot S.N. 32'38'58:26' long - W. 103'56'10.86' NMSPCE- N. 600253.0 E. 663522.3 Date Sign (NAD-83) (20 I C Certificate No. Gary L. Jones 7.97.7 Scole 1"=2000' BASIN SURVEYS

DISTRICT I 1625 N. French Dr., Hobbs, MM 68240 DISTRICT II 1901 W. Gernd Avenue, Arteria, RM 88210

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

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87305 State of New Mexico Energy, Minerals and Natural Resources Department

PECEUS COPY to appropriate District Office

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

NMOCD ARTESIA

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-15-378	92- 5200	Benson:	Bone Sp.	ring
Frogerty Code 57056	-	"23-14" Federa	1	Well Number
OGRID No.	Opera	itor Name		Elevation
162683	CIMAREX ENERGY	CO. OF COLORADO)	3280'

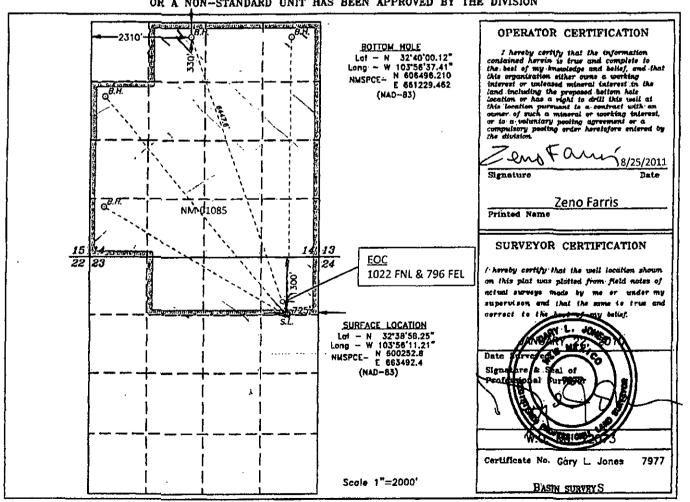
Surface Location

UL or lot No.	Section	Township	Range	iot idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	19 S	30 E		1300	NORTH	725	EAST	EDDY

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
В	14	19 S	30 E		341	NORTH 2307		WEST	EDDY
Dedicated Acres	Bedicated Acres Joint or Infill Consolidation Code Order No.								
720 750 NSL Pending									

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



DISTRICT I ' 1625 N. Franch Dr., Robbs, NM 86240 DISTRICT II 1801 V. Grand Ave

State of New Mexico Bearing RECENTER CONTROL C State of New Mexico

Form C-102 Revised October 15, 2009

to appropriate District Office

DISTRICT III 1000 Rio Brazos Rd., Asteo, NM 87410 OIL CONSERVATION DIVISION AN 3 0 2012 1220 South St. Francis Dr. Santa Fe, New Mexico 87505

NMOCD ARTESIA

DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 67506

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015-37	893 52.60	Benson: Box	of Hame De Sorina
39056	P IRWI	roperty Name N "23-14" Federa	Jell Nümber 3
обил No. 162683	CIMAREX ENERG	perator Name GY CO. OF COLORADO	Elevation 3281

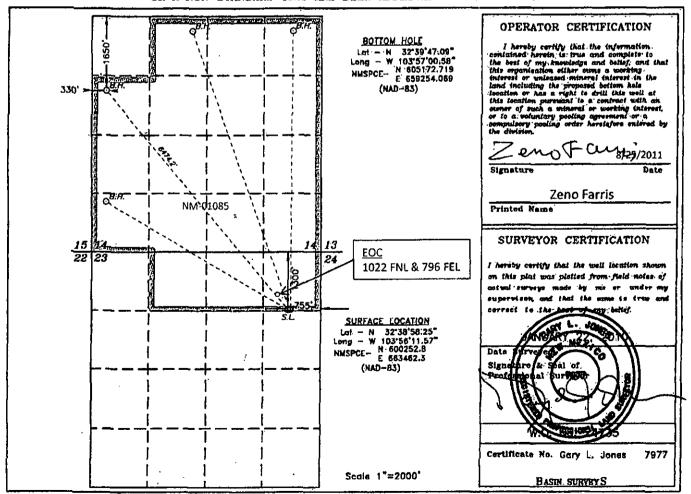
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Peet from the	North/South line	Peet from the	Bast/West line	County
A	23	19 S	30 E		1300	NORTH	755	EAST	EDDY

Bottom Hole Location If Different From Surface

	UL or lot No.	Section 14	Township 19 S	Range 30 E	Lot lân	Feet from the 1647	North/South line	Peet from the	Rast/West Line WEST	County EDDY	
ſ	Dedicated Acres Joint or Infill Consolidation Code Order No.										
	760					NSL Pending					

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



DISTRICT I 1825 N. French Dr., Hobbe, W. 88240 DISTRICT II 1301 W. Grand Avenue, Artesta, 200 68210

DISTRICT III 1000 Rto Brazos Bd., Astec. NM 87410

1220 A. St. Francis Br. Santa Pa Mt. 87505

120,760

DISTRICT IV

State of New Mexico
Energy, Minerals and Natural Resources Department

JAN 3 0 2012 Porm C-102 NMOCISubmit one copy to appropriate

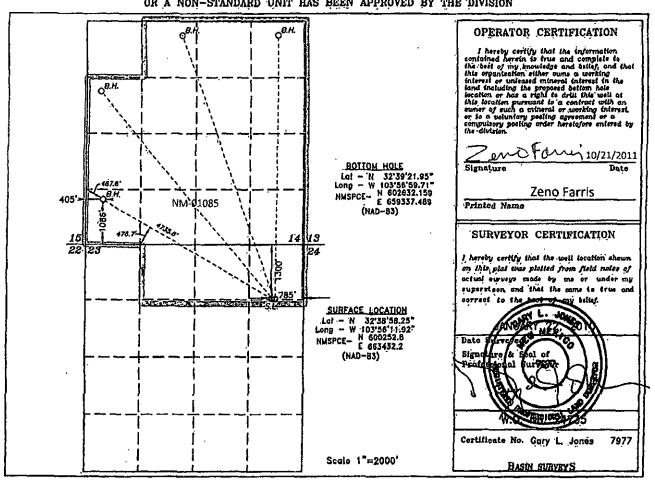
OIL CONSERVATION - DIVISION

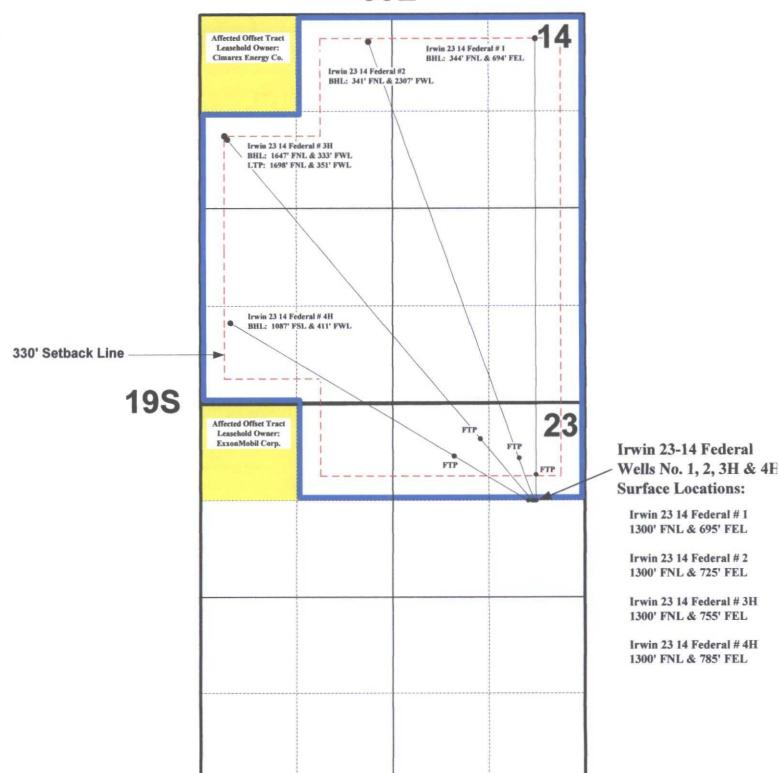
1220 South St. Francis Dr. Santa Fe; New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT								C AMENDEI	REPORT
30-615-39894 5200 Benson; Bone Soring									
Property Code Property Name Rell Number 18WIN "23-14"							nmper		
0GRID, No. Operator Name 162683 CIMAREX ENERGY CO. OF COL)	328	
					Surface Loc	ation			_
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Leef ttom tpe	East/Rest/line	County
A	23	19 S	30 E	}	1300	NORTH	785	EAST	EDDY
			Bottom	Hole Loc	cation If Diffe	rent From Sur	Ince		
UL or lot No.	Section	Township	Ronge	Lot 1dn	Post from the	North/South line	Peat from the	East/West line	County
М	14						EDDY		
Dedicated Agre	a Joint c	r Infill Co	nsolidation (Code Or	der 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

NSL Pending





Proposed 720-acre Non-Standard Bone Spring Spacing Unit/Horizontal Project Area

Cimarex Energy Company of Colorado

Application for Non-Standard Spacing Unit/Horizontal Project Area
Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H

CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ExxonMobil Corporation

5959 Las Colinas Blvd. Irving, Texas 75039-2298

Re: Cimarex Energy Company of Colorado

Application for Non-Standard Spacing Unit/Horizontal Project Area

Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H

Eddy County, New Mexico

Ladies & Gentlemen:

Enclosed please find a copy of an application for a Non-Standard Spacing. Unit/Horizontal Project Area filed with the Oil Conservation Division. Cimarex Energy Company of Colorado ("Cimarex") proposes to form a 720-Acre Non-Standard Spacing Unit/Horizontal Project Area comprising the N/2 NE/4 and NE/4 NW/4 of Section 23 and the S/2, NE/4, S/2 NW/4 and NE/4 NW/4 of Section 14, both in Township 19 South, Range 30 East, NMPM, Eddy County, New Mexico. This unit will be dedicated to the Irwin 23 14 Federal Wells No. 1, 2, 3H and 4H which are existing horizontal wells in the Benson-Bone Spring Pool.

You are being provided a copy of the application as an affected offset leaseholder. Objections must be filed with the Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within 20 days.

If you should have any questions, please contact me at (505) 690-9453.

Sincerely,

David Catanach-Agent

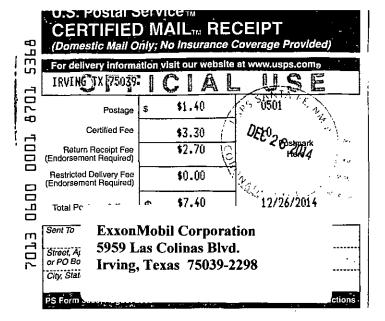
buid (átan

Cimarex Energy Company of Colorado

600 N. Marienfeld, Suite 600

Midland, Texas 79701

Enclosure



State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez

Governor

David Martin Cabinet Secretary-Designate

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Bailey, Division Director Oil Conservation Division



September 11, 2013

Cimarex Energy Co. of Colorado c/o Mr. James Bruce, Attorney

ADMINISTRATIVE NON-STANDARD LOCATION ORDER

Administrative Order NSL-6855 Administrative Application Reference No. pPRG1323252591

Cimarex Energy Co. of Colorado OGRID 162683 Irwin 23-14 Federal Well No. 3H API No. 30-015-39893

Proposed Location:

	Footages	<u>Unit</u>	Sec.	Twsp	Range	County
Surface	1300 FNL & 755 FEL	A	23	19S	30E	Eddy
Penetration Point	1022 FNL & 796 FEL	Α	23	19 S	30E	Eddy
Terminus	1647 FNL & 333 FWL	E	17	19 S	30E	Eddy

Proposed Project Area:

<u>Description</u>	Acres	Pool	 Pool Code
SW/4 NW/4, N/2 & SE/4 SW/4	280	Benson; Bone Spring	 5200
& SW/4 SE/4 of Section 14;			
N/2 NE/4 of Section 23			

Reference is made to your application received on August 20, 2013.

You have requested to drill this horizontal well at an unorthodox oil well location described above in the referenced pool or formation. This location is governed by statewide Rule 15.9.A [19.15.15.9.A NMAC], which provides for 40-acre units, with wells located at least 330 feet from a unit outer boundary, and Rule 15.16.14.B(2) [19.15.16.14.B(2) NMAC] concerning directional wells in designated project areas. This location is unorthodox because portions of the proposed completed interval are less than 330 feet from outer boundaries of the project area.

September 11, 2013 Page 2

Your application has been duly filed under the provisions of Division Rules 15.13 [19.15.15.13 NMAC] and 4.12.A(2) [19.15.4.12.A(2) NMAC].

It is our understanding that you are seeking this location due to United States Bureau of Land Management requirements for drilling in the Potash Area.

It is also understood that notice of this application to operators or owners of adjoining units is unnecessary due to common ownership.

Pursuant to the authority conferred by Division Rule 15.13.B, the above-described unorthodox location is hereby approved.

This approval is subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 5.9 [19.15.15.9 NMAC].

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.

Sincerely,

Jami Bailey Director

JB/db

cc:

New Mexico Oil Conservation Division – Artesia United States Bureau of Land Management

McMillan, Michael, EMNRD

From:	David Catanach <drcatanach@netscape.com></drcatanach@netscape.com>
Sent:	Tuesday, January 13, 2015 6:49 PM
To:	McMillan, Michael, EMNRD
Subject:	Re: Cimarex Irwin NSP application Eddy Co.
Yes, that is correct Mid is to clean up this situation	chael. There has been some confusion as to the acreage dedication for these wells, and our intent ation.
Thanks,	
David	
Michael.McMillan@	state.nm.us wrote:
To: "Catanach, David"	ael, EMNRD" < <u>Michael.McMillan@state.nm.us</u> > < <u>drcatanach@netscape.com</u> > n NSP application Eddy Co. 5 18:27:05 +0000
David: Are your applying for t	his NSP to clarify the dedicated acreage in the project area for existing and proposed wells?
Michael McMillan	
Netscape. Just the Ne	et You Need.