

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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



Form C-101
May 27, 2004

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit to appropriate District Office
FEB 21 2008 ☐ AMENDED REPORT
OCD-ARTESIA

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Cimarex Energy Co. of Colorado 5215 N. O'Connor Blvd., Ste. 1500 Irving, TX 75039		² OGRID Number 162683
		³ API Number 30 -015-35030
³ Property Code	⁵ Property Name Fadeaway Ridge 29 State Com No.	⁶ Well No. 001
⁹ Proposed Pool 1 Winchester ; Bone Spring, West		¹⁰ Proposed Pool 2

⁷ Surface Location									
UL or lot no. K	Section 29	Township 19S	Range 28E	Lot Idn	Feet from the 1650	North/South line South	Feet from the 1980	East/West line West	County Eddy

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code RC - Plugback	¹² Well Type Code Oil	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3395' GR
¹⁶ Multiple	¹⁷ Proposed Depth 10625' (CBP)	¹⁸ Formation Bone Spring	¹⁹ Contractor	²⁰ Spud Date ASAP
Depth to Groundwater 150'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input type="checkbox"/> _____ mils thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17½"	13¾"*	48#	307'	325	0
12¼"	9½"*	40#	3000'	2007	0
8¾"	4½"*	11.6#	11225'	1092	9250'

**All casing strings have already been set and cemented.*

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.
Well currently producing from Morrow 10721'-10899' (w/ a CIBP at 10915' w/ 35' cmt covering unproductive Morrow perms at 10920'-10928').

Propose to set a CBP @ 10625' w/ 35' cement and test the Bone Spring. Perf Bone Spring 7136'-7465' 1 spf, 34 holes. Acidize and/or frac as necessary. If productive, install rod pump and turn to sales as Wildcat Bone Spring oil well.

Cimarex does not wish to permanently plug off well below the proposed Bone Spring interval due to possible future downhole potential.

Please see attached C-102.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Signature: <i>Zeno Farris</i>		Approved by: BRYAN G. ARRANT	
Printed name: Zeno Farris		Title: DISTRICT II GEOLOGIST	
Title: Manager Operations Administration		Approval Date: FEB 28 2008	Expiration Date:
E-mail Address: <u>zfarris@cimarex.com</u>		FEB 22 2010	
Date: 02/20/08	Phone: 972-443-6489	Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I

1625 N. FRENCH DR., HOBBES, NM 88240

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-35030	Pool Code 97569	Pool Name Winchester Bone Spring WEST
Property Code	Property Name FADEAWAY RIDGE 29 STATE COM	Well Number 1
GRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3395'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	29	19-S	28-E		1650	SOUTH	1980	WEST	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
Dedicated Acres 40	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>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=592442.1 N X=541131.7 E</p> <p>LAT.=32.628656° N LONG.=104.199729° W</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><u>Zeno Farris</u> 02-20-08 Signature Date</p> <p>Zeno Farris Printed Name</p>
		<p>SURVEYOR CERTIFICATION</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>JULY 19, 2006</p>
		<p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><u>Ronald E. Eidsen</u> 7/26/06 06.11.1222</p>
		<p>Certificate No. GARY EIDSON 12641 RONALD EIDSON 3239</p>

FEB 21 2008
OCD-ARTESIA

5215 N. O'Connor Blvd.
Suite 1500
Irving, TX 75039
972-401-3111 (phone)
972-443-6486 (fax)

Cimarex Energy Co. of Colorado

February 20, 2008

New Mexico Oil Conservation Division
1301 West Grand Avenue
Artesia, NM 88210
Attn: Ms. Kimberly Wilson

RE: Fadeaway Ridge 29 State Com No. 1
30-015-35030
Eddy County, NM
Form C-101 – APD to Recomplete to Bone Spring

Dear Ms. Wilson,

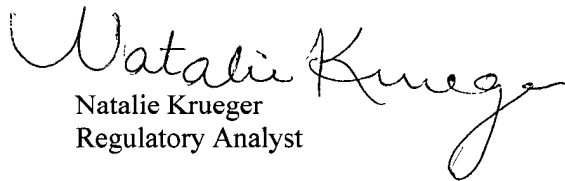
Enclosed, please find the C-101 to recomplete the Fadeaway Ridge 29 State Com No. 1 well to the Bone Spring zone that Bryan Arrant requested on the phone on 02-19-08.

Please note that we want to keep the option to go back downhole open, so we don't wish to fully plug off the well below the Bone Spring at this time (noted in the comments section on the C-101 also).

If you have any questions or need further information, please me at 469-420-2723.

Thanks for your time and have a good day!

Sincerely,


Natalie Krueger
Regulatory Analyst

nkrueger@cimarex.com