

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

RECEIVED

Cimarex Energy Co. of Colorado

December 17, 2008

New Mexico Oil Conservation Division  
1220 S. St. Francis Dr.  
Santa Fe, NM 87505  
Attn: Mr. Will V. Jones

RE: Glenwood 28 Federal Com No. 4  
30-015-36327  
C-107-A – Application for Downhole Commingling – Wolfcamp (Oil) & Abo (Oil)

Dear Mr. Jones,

Enclosed is an original Form C-107-A (Application for Downhole Commingling) for the well mentioned above.

This well was completed in the Strawn in July 2008 with open perfs @ 9506-9562.' A CIBP and 8' cement cover unproductive Strawn perfs from 9570'-9630.'

Cimarex proposes to re-enter, set a CIBP @ 9450' w/ 35' cement (plugging Strawn), and perf and acidize Wolfcamp 7800'-7806.' We will obtain a flow/swab test to establish a rate. Then, set a RBP @ 7300' and perfs and acidize Abo 7104'-7138.' Obtain flow/swab test to establish a rate. Then, the RBP between the zones will be removed and the well will be DHC. Our allocation percentage will be based on flow/swab test rates for each zone.

It is anticipated that the reservoir pressure from these two zones will be compatible and the resulting volumes would not warrant a casing/tubing dual completion.

All royalty, overriding royalty, and working interest owners are identical in the two zones, and will not be harmed by an Abo/Wolfcamp commingling.

If you have any questions or need further information, please call me at 972-443-6489.

Sincerely,

*Zeno Farris*

Zeno Farris  
Mgr Operations Administration

zfarris@cimarex.com

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DATE: 12-18-08	SUSPENSE	ENGINEER: W. Jones	LOGGED IN: 12-18-08	TYPE: DHC	APP NO.: PRAA0835353712
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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



API-30015-36327  
Glenwood Federal  
"28" Com #4  
Cimarex 162683

### 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]

[A] Location - Spacing Unit - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

[B] Commingling - Storage - Measurement  
☒ 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.

Zeno Farris  
Print or Type Name

Zeno Farris  
Signature

Mgr Operations Admin  
Title

12/17/08  
Date

zfarris@cimarex.com  
e-mail Address



DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240  
DISTRICT II  
1501 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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36327	Pool Code <del>97197</del>	Pool Name <del>County Line Tank</del> ; Abo
Property Code	Property Name GLENWOOD "28" FEDERAL COM	Well Number 4
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3642'

Surface Location

UL or lot No. A	Section 28	Township 16 S	Range 29 E	Lot Idn	Feet from the 760	North/South line NORTH	Feet from the 960	East/West line EAST	County EDDY
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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><u>SURFACE LOCATION</u> Lot - N32°53'52.10" Long - W104°04'27.74" NMSPCE- N 690459.760 E 620820.601 (NAD-83)</p>				<p>NM-15007</p>	<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 this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole 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><u>Zeno Farris</u> 12-17-08 Signature Date</p> <p>Zeno Farris Printed Name</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>MARCH 24, 2008</p> <p>Date Surveyed Signature of Gary L. Jones Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>	

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36327	Pool Code	Pool Name Wolfcamp Wildcat (Oil)
Property Code	Property Name GLENWOOD "28" FEDERAL COM	Well Number 4
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3642'

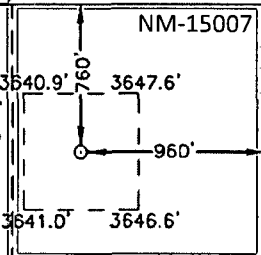
Surface Location

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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

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				<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>MARCH 24, 2008</p> <p>Date Surveyed <u>GARY L. JONES</u> Signature &amp; Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>	

## Jones, William V., EMNRD

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**From:** Natalie Krueger [nkrueger@cimarex.com]  
**Sent:** Monday, December 22, 2008 7:36 AM  
**To:** Jones, William V., EMNRD  
**Subject:** FW: FedEx Shipment 796195294442 Delivered

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**From:** Natalie Krueger  
**Sent:** Monday, December 22, 2008 8:15 AM  
**To:** 'will.jones@state.nm.us'  
**Subject:** FW: FedEx Shipment 796195294442 Delivered

Hi Will,

Last week we sent in a C-107A for the Glenwood 28 Fed Com 4. We said we would provide proof that we had sent it to the BLM for notification, but I forgot to include the copy of the fedex label in the C-107A package. Here is the tracking update from Fedex showing that it was delivered to the BLM. I hope this satisfies the requirement.

Sorry for the delay.

Thanks,  
Natalie Krueger  
Cimarex Energy Co.  
469-420-2723

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**From:** TrackingUpdates@fedex.com [mailto:TrackingUpdates@fedex.com]  
**Sent:** Thursday, December 18, 2008 1:34 PM  
**To:** Natalie Krueger  
**Subject:** FedEx Shipment 796195294442 Delivered

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This tracking update has been requested by:

Company Name: Cimarex Energy Co.  
Name: Natalie Krueger  
E-mail: [nkrueger@cimarex.com](mailto:nkrueger@cimarex.com)

Message: 31605 Vern 1 1 SR PB, NOI RC; 31605 Ppl b5f2 & d5fc1 OLM; 31605 Glenwood 28 4 NOI PB, RC & copy of C107A; AdmDefReply Ma

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Our records indicate that the following shipment has been delivered:

Ship (P/U) date: Dec 17, 2008  
Delivery date: Dec 18, 2008 12:31 PM  
Sign for by: J.HUGHES  
Delivered to: Receptionist/Front Desk  
Service type: FedEx Priority Overnight

Packaging type: FedEx Pak  
Number of pieces: 1  
Weight: 1.00 lb.  
Special handling/Services: Deliver Weekday  
Tracking number: 796195294442

Shipper Information

Natalie Krueger

Cimarex Energy Co.

600 East Las Colineas Blvd Ste 1100

Irving

TX

US

75039

Recipient Information

Betty Hill

Bureau of Land Management

620 East Greene Street

Carlsbad

NM

US

88220

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