

DATE IN 7-8-10	SUSPENSE	ENGINEER WJ	LOGGED IN 7-8-10	TYPE DHC 4301	PTG W APP NO. 1018952395
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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



Cimarex

Fed "13" Com #6
30-015-36571

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

7/6/10
Date

zfarris@cimarex.com
e-mail Address

RECEIVED OGD
2010 JUL -8 A 11:23

600 N. Marienfeld St
Suite 600
Midland, TX 79701
432-620-1938 (phone)
432-620-1938 (fax)

Cimarex Energy Co. of Colorado

July 6, 2010

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

RE: Federal 13 Com No. 6
13-25S-26E
30-015-36571
C-107-A – Wolfcamp and Cisco-Canyon

Dear Mr. Jones,

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

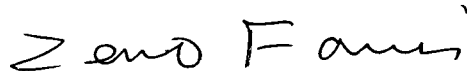
Cimarex proposes perf and acidize the Cisco 10109-10339'. Perf and acidize the Wolfcamp 8553-10109'. Allocation percentages for each zone will be based on production log and furnished after production and cleanup..

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

Royalty and working interest owners are the same in each zone. The overriding royalty owner is the same, but will have a different percentage in Penn and Wolfcamp formations due to the different spacing units. Attached is proof of notification.

If you have any questions or need further information, please call me at 432-620-1938.

Sincerely,



Zeno Farris
Mgr Operations Administration

zfarris@cimarex.com

2010 JUL - 8 AM 11:28
RECEIVED-0000

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

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 30-015-36571	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code 33622	Property Name FEDERAL "13" COM	Well Number 6
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3249'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	13	25 S	26 E		1310	NORTH	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 640	Joint or Infill	Consolidation Code C	Order No.
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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

<p>NM-36508</p> <p>1980'</p> <p>Federal 13 Com #6</p> <p>3255.3' 3256.6'</p> <p>3241.3' 3240.2'</p> <p>NM-41645</p> <p>1400'</p> <p>Federal 13 Com #2</p> <p>1400'</p> <p>1565'</p>	<p>SURFACE LOCATION Lat - N32°08'01.07" Long - W104°14'55.04" NMSPEC - N 412361.3 E 567559.0 (NAD-83)</p>	<p>OPERATOR CERTIFICATION</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><i>Zeno Farris</i> 7/6/2010 Signature Date</p> <p>Zeno Farris Printed Name</p> <hr/> <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>JUNE 6 2008 Date Surveyed</p> <p>Signature of Surveyor Professional Surveyor</p> <p>W.D. 1000000000</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
	<p>1620'</p> <p>Federal 13 Com #4</p> <p>1400'</p> <p>NM-26105</p> <p>BHL 1138'</p> <p>SHL 725'</p> <p>1693'</p> <p>1750'</p>	

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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 30-015-36571	Pool Code 96890	Pool Name Sage Draw; Wolfcamp, East
Property Code 33622	Property Name FEDERAL "13" COM	Well Number 6
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Elevation 3249'

Surface Location

UL or lot No. C	Section 13	Township 25 S	Range 26 E	Lot Idn	Feet from the 1310	North/South line NORTH	Feet from the 1980	East/West line WEST	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 640	Joint or Infill	Consolidation Code C	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

NM-36508 Federal 13 Com #6 1980' 3255.3' 3256.6' 3241.3' 3240.2' 1310'	NM-41645 Federal 13 Com #2 1400' 1565'	SURFACE LOCATION Lat - N32°08'01.07" Long - W104°14'55.04" NMSPCE - N 412361.3 E 567559.0 (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 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. <i>Zeno Farris</i> 7/6/2010 Signature Date Zeno Farris Printed Name
			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. JUNE 5, 2008 Date Surveyed Signature of Surveyor Professional Surveyor W.O. [Signature] Certificate No. Gary L. Jones 7977 BASIN SURVEYS

All (White City; Penn (Gas)) and W2 (Sage Draw; Wolfcamp, E) 13-25S-26E
Federal 13 Com No. 6
30-015-36571
1310 FNL & 1980 FWL
Eddy County, New Mexico



RE: Application to Downhole Commingle Wolfcamp and Cisco in the Federal 13 Com No. 6

Overrides:

Chevron U.S.A. Inc. Ownership Division 1004 N. Big Spring St. Midland, TX 79701			
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

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

APPLICATION TYPE

☒ Single Well

☐ Establish Pre-Approved Pools

EXISTING WELLBORE

☐ Yes ☒ No

APPLICATION FOR DOWNHOLE COMMINGLING

Cimarex Energy Co. of Colorado

600 N. Marienfeld St., Ste. 600, Midland, TX 79701

Operator

Address

DHC-4301

Federal 13 Com

006

C-13-25S-26E

Eddy

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 162683 Property Code 33622 API No. 30-015-36571 Lease Type: ☒ Federal ☐ State ☐ Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
	UNDES		✓
Pool Name	Sage Draw; Wolfcamp, E		White City; Penn (G) (Cisco)
Pool Code	96890		87280
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	8553-10109'		10109-10339'
Method of Production (Flowing or Artificial Lift)	Flowing		
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	Within 150% of bottom perms		
Oil Gravity or Gas BTU (Degree API or Gas BTU)	To be supplied		To be supplied
Producing, Shut-In or New Zone	New Zone		New Zone
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: To be supplied Rates:	Date: Rates:	Date: To be supplied Rates:
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas	Oil Gas	Oil Gas

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?

Yes ☐ No ☒

If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes ☐ No ☐

Are all produced fluids from all commingled zones compatible with each other?

Yes ☒ No ☐

Will commingling decrease the value of production?

Yes ☐ No ☒

If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?

Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: _____

Attachments:

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.

Production curve for each zone for at least one year. (If not available, attach explanation.)

For zones with no production history, estimated production rates and supporting data.

Data to support allocation method or formula.

Notification list of working, royalty and overriding royalty interests for uncommon interest cases.

Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Zeno Farris TITLE Manager Operations Administration DATE July 6, 2010

TYPE OR PRINT NAME Zeno Farris TELEPHONE NO. (432)-680-1938

E-MAIL ADDRESS zfarris@cimarex.com

Confirmation Services	Package ID: 9171082133393796296775	E-CERTIFIED
	Destination ZIP Code: 79701	1ST CLASS LETTER
	Customer Reference:	
	Re: Chevron USA Production Co.	PBP Account #: 35644897
	Ac: 1004 N Big Spring St Midland, TX 79701	Serial #: 3132785 JUL 07 2010 2:23P

Confirmation Services	Package ID: 9171082133393796296782	E-CERTIFIED
	Destination ZIP Code: 88220	1ST CLASS LETTER
	Customer Reference:	
	Re: Bureau of Land Management	PBP Account #: 35644897
	Ac: 620 E. Greene St. Carlsbad, NM 88220	Serial #: 3132785 JUL 07 2010 2:23P