

DATE IN <u>11/3/09</u>	SUSPENSE <u>11/24/09</u>	ENGINEER <u>Jones</u>	LOGGED IN <u>11/3/09</u>	TYPE <u>DHC</u>	APP NO. <u>0930753540</u>
------------------------	--------------------------	-----------------------	--------------------------	-----------------	---------------------------

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



Bradley 14 Feb #1
30-015-32872

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 _____

RECEIVED OGD
 2009 NOV - 3 P 12:35

[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

10/30/09
 Date

zfarris@cimarex.com
 e-mail Address

W2 (Wolfcamp) and All (Cisco/White City; Penn) 14-24S-26E
Bradley 14 Federal Com No. 1
1650 FNL & 990 FWL
Eddy County, New Mexico



RE: Application to Downhole Commingle Wolfcamp and Cisco in the Bradley 14 Federal Com No. 1.

Overrides:

Doris Jean Barnes 2515 Neely Midland, TX 79705	Juanita R Marshall 4835 W Lawther Dr, Apt 105 Dallas, TX 75214	Alberta Link 3055 South Race St Denver, CO 80210	Flora & Irving Hook 4725 S Monaco St, # 330 Denver, CO 80237
Wilma Faye Whitehead 4308 Hurson Ln Wichita Falls, TX 76302	Wallace H Stott Unified Trust c/o Mark Fulton/Merrill Lynch 111 Congress Ave, Ste 600 Austin, TX 78701	Maxine Whitehead Box 365 Holliday, TX 76366	

Working Interest Owners:

Oneill Properties LTD PO Box 2840 Midland, TX 79702	FNRC DIII GP FKA Diverse GP 111 PO Box 840524 Dallas, TX 75284-0524	Canaan Resources LLC One Leadership Square 211 N Robinson N1000 Oklahoma City, OK 73102	
---	--	--	--

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32672	Pool Code 87280	Pool Name White City; Penn (Gas)
Property Code 33816	Property Name Bradley 14 Federal Com	Well Number 001
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3283'

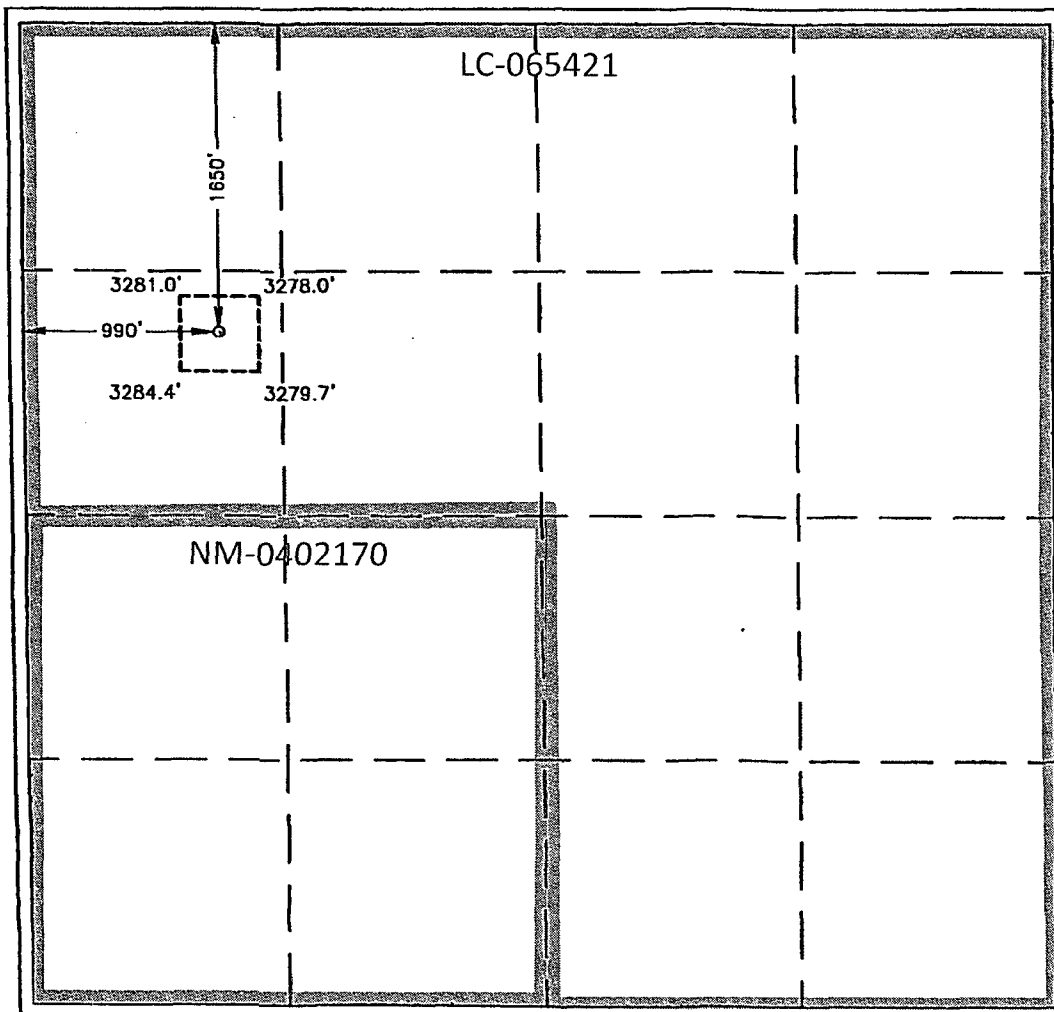
Surface Location

UL or lot No. E	Section 14	Township 24-S	Range 26-E	Lot Idn	Feet from the 1650'	North/South line NORTH	Feet from the 990'	East/West line WEST	County 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.						

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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i> Signature Zeno Farris Printed Name Mgr. Operations Admin. Title October 30, 2009 Date</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>DECEMBER 11, 2002</p> <p>Date Surveyed Signature & Seal Professional Surveyor NEW MEXICO 12/12/02 0211.0945 Certificate No. RONALD E. EIDSON 3239 GARY EIDSON 12641</p>
--	---

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-32672	Pool Code	Pool Name Wolfcamp Wildcat
Property Code 33816	Property Name Bradley 14 Federal Com	Well Number 001
OGRID No. 162683	Operator Name Cimarex Energy Co. of Colorado	Elevation 3283'

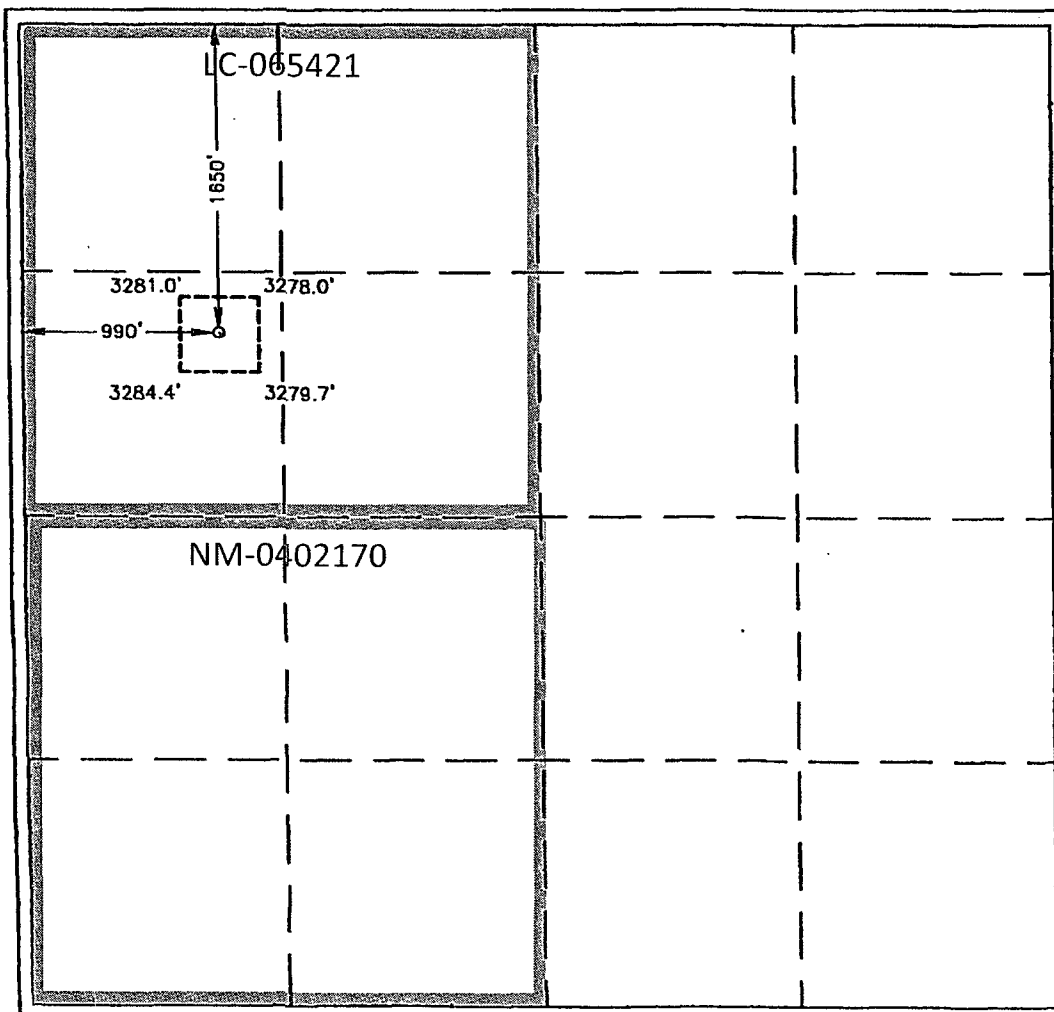
Surface Location

UL or lot No. E	Section 14	Township 24-S	Range 26-E	Lot Idn	Feet from the 1650'	North/South line NORTH	Feet from the 990'	East/West line WEST	County 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 320	Joint or Infill	Consolidation Code P	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>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Zeno Farris</i> Signature Zeno Farris Printed Name Mgr. Operations Admin. Title October 30, 2009 Date</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>DECEMBER 11, 2002</p> <p>Date Surveyed Signature & Seal of Professional Surveyor NEW MEXICO 12/12/02 02.11.0945 Certificate No. RONALD E. EIDSON 3238 GARY EIDSON 12641</p>
--	---

7002 2410 0000 0033 551.9

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box
 City, State, ZIP+4

Doris Jean Barnes
 2515 Neely
 Midland, TX 79705

PS Form 3800, August 2006

7008 1140 0001 6296 0070

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Alberta Link
 3055 South Race St
 Denver, CO 80210

PS Form 3800, August 2006

7008 1140 0001 6296 0087

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Wilma Faye Whitehead
 4308 Huron Ln
 Wichita Falls, TX 76302

PS Form 3800, August 2006

7008 1140 0001 6260 5456

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$ 0.61
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Minerals Management Service
 620 E. Greene St.
 Carlsbad, NM 88220

PS Form 3800, August 2006

7008 1140 0001 6296 0060

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Juanita R Marshall
 4835 W Lawther Dr, Apt 105
 Dallas, TX 75214

PS Form 3800, August 2006

7002 2410 0000 0033 5472

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Flora & Irving Hook
 4725 S Monaco St, # 330
 Denver, CO 80237

PS Form 3800, August 2006

7002 2410 0000 0033 5434

U.S. Postal Service[™]
CERTIFIED MAIL[™] RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

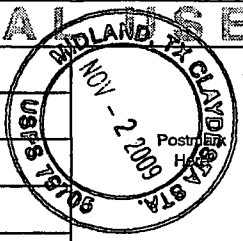
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Maxine Whitehead
 Box 365
 Holliday, TX 76366

PS Form 3800, June



7006 1140 0001 6296 0094

U.S. Postal Service[™]
CERTIFIED MAIL[™] RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

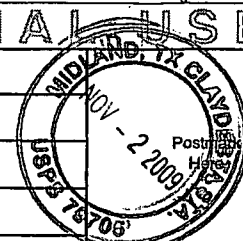
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Wallace H Stott Unified Trust
 c/o Mark Fulton/Merrill Lynch
 111 Congress Ave, Ste 600
 Austin, TX 78701

PS Form 3800, Aug



7002 2410 0000 0033 5458

U.S. Postal Service[™]
CERTIFIED MAIL[™] RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

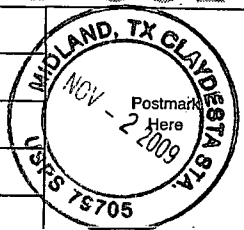
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

FNRC DIII GP
 FKA Diverse GP 111
 PO Box 840524
 Dallas, TX 75284-0524

PS Form 3800, June



7002 2410 0000 0033 5441

U.S. Postal Service[™]
CERTIFIED MAIL[™] RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

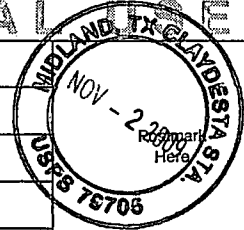
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

O'Neill Properties LTD
 PO Box 2840
 Midland, TX 79702

PS Form 3800, Jun



7002 2410 0000 0033 5465

U.S. Postal Service[™]
CERTIFIED MAIL[™] RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

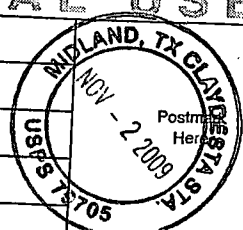
OFFICIAL USE

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Sent To
 Street, Apt. No., or PO Box No.
 City, State, ZIP+4

Canaan Resources LLC
 One Leadership Square
 211 N Robinson N1000
 Oklahoma City, OK 73102

PS Form 3800, June



GOVERNMENT INSTRUCTIONS

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

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

APPLICATION TYPE

District III
1000 Rio Brazos Road, Aztec, NM 87410

X Single Well
____ Establish Pre-Approved Pools
EXISTING WELLBORE
X Yes ____ No

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

APPLICATION FOR DOWNHOLE COMMINGLING

Cimarex Energy Co. of Colorado
Operator

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

Bradley 14 Federal Com
Lease

001

E-14-24S-26E

Eddy
County

OGRID No. 162683 Property Code 33816 API No. 30-015-32672 Lease Type: X Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Wolfcamp Wildcat		White City; Penn (Gas)
Pool Code	91489		87280
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	9275-9612'		9968-10139'
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 perfs		
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: N/A Rates: N/A	Date: Rates:	Date: N/A Rates: N/A
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 To be supplied based on production log	Oil Gas	Oil Gas To be supplied based on production log

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?

Yes _____ No X
Yes X No _____

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

Yes X No

Will commingling decrease the value of production?

Yes _____ No X

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 X 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 October 30, 2009

TYPE OR PRINT NAME Zeno Farris TELEPHONE NO. (432) 620-1938

E-MAIL ADDRESS zfarris@cimarex.com

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

Cimarex Energy Co. of Colorado

October 30, 2009

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

RE: Bradley 14 Federal Com No. 1
30-015-32672

C-107-A – Application for Downhole Commingling – Wolfcamp Wildcat (Gas) & White City Penn (Gas)

Dear Mr. Jones,

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

This well is currently TA with CIBP at 10610' covering Morrow perms and 10130' covering Cisco perms.

Cimarex proposes to re-enter, drill out CIBP at 10130' and reset at 10150' and perf Cisco shale from 9968'-10139'. Acidize with 10000 gals acid followed by slick water sand frac. Set composite plug at 9800' and perf Wolfcamp shale from 9275'-9612'. Acidize with 10000 followed by slick water sand frac. Drill out RBP and set packer at 9200' and turn well to sales. Allocation percentages for each zone will be based on production log.

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 is 12.5% MMS. Working interest and overriding royalties are the same owners but there will be differences in net percentages due to the different spacing's for the White City Penn and Wolfcamp gas zones.

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

Sincerely,



Zeno Farris
Mgr Operations Administration

zfarris@cimarex.com

2009 NOV -3 12:35
RECEIVED OGD