



KANSAS CORPORATION COMMISSION 1048867
OIL & GAS CONSERVATION DIVISION

Form ACO-4
Form must be typed
March 2009

APPLICATION FOR COMMINGLING OF PRODUCTION (K.A.R. 82-3-123) OR FLUIDS (K.A.R. 82-3-123a) *Commingling ID #* **CO011103**

OPERATOR: License # 33094
Name: Cimarex Energy Co.
Address 1: 348 Rd. DD
Address 2: _____
City: Satanta State: KS Zip: 67870 + _____
Contact Person: Melissa Imler
Phone: (620) 276-3693

API No. 15 - 15-055-21427-00-00
Spot Description: _____
W2 NW NE Sec. 9 Twp. 26 S. R. 34 East West
660 Feet from North / South Line of Section
2,310 Feet from East / West Line of Section
County: Finney
Lease Name: BEDFORD Well #: B-1

1. Name and upper and lower limit of each production interval to be commingled:
- | | |
|---------------------------------|---------------------------|
| Formation: <u>Marmaton</u> | (Perfs): <u>4502-4590</u> |
| Formation: <u>Morrow</u> | (Perfs): <u>4841-4926</u> |
| Formation: <u>St. Louis 'C'</u> | (Perfs): <u>5038-5044</u> |
| Formation: _____ | (Perfs): _____ |
| Formation: _____ | (Perfs): _____ |

2. Estimated amount of fluid production to be commingled from each interval:
- | | | | |
|---------------------------------|-----------------|-----------------|-----------------|
| Formation: <u>Marmaton</u> | BOPD: <u>10</u> | MCFPD: <u>0</u> | BWPD: <u>20</u> |
| Formation: <u>Morrow</u> | BOPD: <u>3</u> | MCFPD: <u>0</u> | BWPD: <u>14</u> |
| Formation: <u>St. Louis 'C'</u> | BOPD: <u>3</u> | MCFPD: <u>0</u> | BWPD: <u>14</u> |
| Formation: _____ | BOPD: _____ | MCFPD: _____ | BWPD: _____ |
| Formation: _____ | BOPD: _____ | MCFPD: _____ | BWPD: _____ |

3. Plat map showing the location of the subject well, all other wells on the subject lease, and all wells on offsetting leases within a 1/2 mile radius of the subject well, and for each well the names and addresses of the lessee of record or operator.
4. Signed certificate showing service of the application and affidavit of publication as required in K.A.R. 82-3-135a.

For Commingling of PRODUCTION ONLY, include the following:

5. Wireline log of subject well. Previously Filed with ACO-1: Yes No
6. Complete Form ACO-1 (*Well Completion form*) for the subject well.

For Commingling of FLUIDS ONLY, include the following:

7. Well construction diagram of subject well.
8. Any available water chemistry data demonstrating the compatibility of the fluids to be commingled.

AFFIDAVIT: I am the affiant and hereby certify that to the best of my current information, knowledge and personal belief, this request for commingling is true and proper and I have no information or knowledge, which is inconsistent with the information supplied in this application.

Submitted Electronically

KCC Office Use Only	
<input type="checkbox"/> Denied	<input checked="" type="checkbox"/> Approved
15-Day Periods Ends: <u>01/29/2011</u>	
Approved By: <u>Rick Hestermann</u>	Date: <u>01/31/2011</u>

Protests may be filed by any party having a valid interest in the application. Protests must be in writing and comply with K.A.R. 82-3-135b and must be filed within 15 days of publication of the notice of application.

FORM NO. 1 BE TYPED
 STATE CORPORATION COMMISSION OF KANSAS
 OIL & GAS CONSERVATION DIVISION
 WELL COMPLETION FORM
 ACO-1 WELL HISTORY
 DESCRIPTION OF WELL AND LEASE

SIDE ONE

GCWFCRH

API NO. 15- 055-21420006

County Finney

- -NW- NE Sec. 9 Twp 26 S Rge. 34 E

660 Feet from S/N (circle one) Line of Section:

2310 Feet from E/W (circle one) Line of Section:

Footages Calculated from Nearest Outside Section Corner:
 NE, SE, NW or SW (circle one)

Lease Name Bedford Well # B-1

Field Name Pleasant Prairie

Producing Formation Morrow & Mississippi

Elevation: Ground 2945 KB 2956

Total Depth 5243 PBTD 5196

Amount of Surface Pipe Set and Cemented at 1843 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 3169 Feet

If Alternate II completion, cement circulated from _____

feet depth to Surface w/ _____ sx cmt.

Drilling Fluid Management Plan
 (Data must be collected from the Reserve Pit)

Chloride content 1000 ppm Fluid volume 6000 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

Operator: License # 5293

Name: Helmerich & Payne, Inc.

Address: P.O. Box 558

City/State/Zip: Garden City, Kansas

Purchaser: BOIT 67846

Operator Contact Person: Ken Jehlik

Phone: (316) 276-3693

Contractor: Name: Cheyenne Drilling

License: 5382

Wellsite Geologist: Ken Le Blanc

Designate Type of Completion

New Well Re-Entry Workover

Oil SWD SIOV Temp. Abd.

Gas ENHR SIGM

Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: Helmerich & Payne, Inc.

Well Name: Bedford B-1

Comp. Date 12-28-95 Old Total Depth 5243

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No. _____

Dual Completion Docket No. _____

Other (SWD or Inj?) Docket No. _____

7-17-95 7-28-95 9-13-96
 Spud Date Date Reached TD Completion Date
 State Test

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Ken Jehlik
 Title District Manager Date 9-16-96

Subscribed and sworn to before me this 17th day of September, 1996.

Notary Public [Signature]

Date Commission Expires August 15, 2000

K.C.C. OFFICE USE ONLY		
F	<input type="checkbox"/>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
		<input type="checkbox"/> NGPA
		<input type="checkbox"/> Other (Specify)

Operator Name Heimerich & Payne, Inc. SIDE TWO
 Lease Name Bedford Well # B1
 East
 County Finney
 Sec. 9 Twp. 26s Rge. 34
 West

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken (side wall)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Base Heebner	3828	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3874	
List All E.Logs Run:		Lansing D	3958	
GR-CNL		Lansing F	4076	
GR-SFL- DLL Microlog		Kansas City A	4286	
Log mailed previously		Kansas City B	4348	
DST summary mailed earlier		Marmaton C	4467	
		St. Gen.	4962	
		St. Louis	5006	

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/2	8 5/8	28	1843	Class C	422	3% D-79, 2% CC
Production	7 7/8	5 1/2	15.5	5243	Class C	150	2% gel
					50/50 PozC	300	2% gel 1/4# flake
					65/35 PozC	325	6% gel 1/4# flake
					50/50 PozC	225	10% salt, 1/4# flake

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
2	St. Louis 5139-5145, 5038-5040, 5042-5049	1000 gal. 15% HCl	2500 gals. 20% SGA 750 gals. 7 1/2% HCl
2	Morrow 4920-4926 & 4906-4912	1500 gal 7 1/2% HCl	
2	Morrow Im 4849-4852	1000 gal 7 1/2% HCl, 12400 gal	
2	Morrow S.S. 4841-4843	gelled diesel, 15000# 20-40 sd	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	5185	None	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumed Production, SMD or Inj. 8-25-96 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	62		0		22			

Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)
 METHOD OF COMPLETION Open Hole Perf. Quality Comp. Staggered 4841-5044
 Other (Specify) _____



YEISER 'A' 1-4



MCCOY PETROLEUM CORPORATION

YEISER 'A' 2-4



MCCOY PETROLEUM CORPORATION

YEISER B-1



CIMAREX

BEDFORD B 3



CIMAREX

BEDFORD B 1
BEDFORD A 1



CIMAREX



CIMAREX

BEDFORD B 2
BEDFORD 1-2



CIMAREX



CIMAREX

9

BEDFORD 1








CIMAREX



KANSAS PROD REGION

WELL SYMBOLS

-  Gas Well
-  Oil Well
-  Temporarily Abandoned
-  Plugged and Abandoned
-  Dry Hole

January 7, 2011

AFFIDAVIT

STATE OF KANSAS \
- SS.
County of Sedgwick /

Mark Fletchall, of lawful age, being first duly sworn, depose and saith: That he is Record Clerk of The Wichita Eagle, a daily newspaper published in the City of Wichita, County of Sedgwick, State of Kansas, and having a general paid circulation on a daily basis in said County, which said newspaper has been continuously and uninterruptedly published in said County for more than one year prior to the first publication of the notice hereinafter mentioned, and which said newspaper has been entered as second class mail matter at the United States Post Office in Wichita, Kansas, and which said newspaper is not a trade, religious or fraternal publication and that a notice of a true copy is hereto attached was published in the regular and entire Morning issue of said The Wichita Eagle for 1 issues, that the first publication of said notice was

made as aforesaid on the 7th of

January A.D. 2011, with

subsequent publications being made on the following dates:

And affiant further says that he has personal knowledge of the statements above set forth and that they are true.

Mark Fletchall

Subscribed and sworn to before me this

7th day of January, 2011

PENNY L. CASE
Notary Public - State of Kansas
My Appt. Expires 5/28/2014

Penny L. Case
Notary Public Sedgwick County, Kansas

Printer's Fee : \$108.40

LEGAL PUBLICATION

Published In The Wichita Eagle
January 7, 2011 (2091497)
BEFORE THE STATE CORPORATION
COMMISSION OF THE
STATE OF KANSAS
NOTICE OF FILING APPLICATION
RE: CIMAREX ENERGY CO.
APPLICATION FOR COMMINGLING OF
PRODUCTION IN THE BEDFORD "B" No.
1 LEASE, LOCATED IN FINNEY
COUNTY, KANSAS.
TO: ALL OIL & GAS PRODUCERS,
UNLEASED MINERAL INTEREST
OWNERS, LANDOWNERS, AND ALL
PERSONS WHOMEVER CONCERNED.
YOU, and each of you, are hereby notified
that Cimarex Energy Co. has filed an
application to commingle the Marmaton
formation with the Morrow and St. Louis 'C'
formations at the Bedford "B" No. 1, located
660' from the North line and 2310' from the
East line of Section 9-T26S-R34W, Finney
County, Kansas.
Any persons who object to or protest this
application shall be required to file their
objections or protest with the Conservation
Division of the State Corporation
Commission of the State of Kansas within
fifteen (15) days from the date of this
publication. These protests shall be filed
pursuant to Commission regulations and
must state specific reasons why the grant of
the application may cause waste violate
correlative rights or pollute the natural
resources of the State of Kansas.
All persons interested or concerned shall
take notice of the foregoing and shall govern
themselves accordingly.
Cimarex Energy Co.
349 Rd. DD
Saratoga, KS 67870
620-276-3693

Proof Of Publication

State Of Kansas
Finney County

Dena A. Sattler, being first duly sworn, deposes and says that she is publisher of The Garden City Telegram, a daily newspaper printed in the State of Kansas and published in and of general circulation in Finney County, Kansas, on a daily basis in Finney County, Kansas, and that said newspaper is not a trade, religious, or fraternal publication.

That said newspaper is daily published at least weekly fifty (50) times a year; has been so published continuously and uninterruptedly in said county and state for a period of more than five (5) years prior to the first publication of said notice and has been admitted at the post office of Garden City, Kansas, in said county as second (2nd) class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue newspaper for 1 consecutive days/ weeks. The first (1st) publication thereof being made as aforesaid on the 14 day of January 2011. With subsequent publications being made on the following dates:

2nd Publication was made on the _____ day of 20

3rd Publication was made on the _____ day of 20

4th Publication was made on the _____ day of 20

5th Publication was made on the _____ day of 20

Publication Fee	\$	<u>27.15</u>
Additional Copies @ \$	\$	<u> </u>
Total Publication Fee	\$	<u>27.15</u>

Dena A. Sattler
(Signature)

Witness my hand this 17 day
Of January 20 11

Subscribed And Sworn to before me this 17 day
Of January 20 11

Charity Jones
(Notary Public)
My Commission Expires: _____

Charity Jones
 Notary Public, State of Kansas
 My Apt Expires 10-2-2013

Legal: 202463

Legals

(Published in The Garden City Telegram Friday, January 14, 2011)

BEFORE THE STATE CORPORATION COMMISSION OF THE STATE OF KANSAS NOTICE OF FILING APPLICATION RE: CIMAREX ENERGY CO. APPLICATION FOR COMINGLING OF PRODUCTION IN THE BEDFORD "B" No. 1 LEASE, LOCATED IN FINNEY COUNTY, KANSAS. TO: ALL OIL & GAS PRODUCERS, UNLEASED MINERAL INTEREST OWNERS, LANDOWNERS, AND ALL PERSONS WHOM EVER CONCERNED: YOU, and each of you, are hereby notified that Cimarex Energy Co. has filed an application to commingle the Mairfaton formation with the Morrow and St. Louis 'C' formations at the Bedford "B" No. 1, located 860' from the North line and 2310' from the East line of Section 9-T26S-R34W, Finney County, Kansas. Any persons who object to or protest this application shall be required to file their objections or protest with the Conservation Division of the State Corporation Commission of the State of Kansas within fifteen (15) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why the grant of the application may cause waste violate correlative rights or pollute the natural resources of the State of Kansas. All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly.

Cimarex Energy Co.
348 Rd. DD
Satanta, KS 67870
620-276-3893

202463



CERTIFICATE OF SERVICE

I hereby certify on this 11 day of January, 2011, true and correct copies of the above and foregoing Application for the Commingling of production were served by depositing copies of the same in the United States Mail, postage prepaid, on the 11th day of January, 2011 addressed to the following persons or entities:

McCoy Petroleum Corporation
8080 E. Central Ave. Ste 300
Wichita, KS 67206-2366

Who are all of the operators of leases and owners of record of the minerals in unleased acreage within a one-half mile radius of the Bedford "B" No. 1 well.



Melissa Imler

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



phone: 316-337-6200
fax: 316-337-6211
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

January 31, 2011

Melissa Imler
Cimarex Energy Co.
348 Rd DD
Satanta, KS 67870

RE: Approved Commingling CO011103
Bedford B-1, Sec. 9-T26S-R34W, Finney County
API No. 15-055-21427-00-00
01

Dear Ms. Imler:

Your Application for Commingling (ACO-4) for the above described well has been reviewed and approved by the Kansas Corporation Commission (KCC) per K.A.R. 82-3-123. Notice was examined and found to be proper per K.A.R. 82-3-135a. No protest had been filed within the 15-day protest period. This application, which was received by the KCC on January 18, 2011 concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

Source of Supply	Estimated Current Production			Perf Depth
	BOPD	MCFPD	BWPD	
Marmaton	10	0	20	4502-4590
Morrow	3	0	14	4841-4926
St. Louis 'C'	3	0	14	5038-5044
Total Estimated Current Production	16	0	48	

Based upon the depth of the St. Louis 'C' formation perforations, total oil production shall not exceed 200 BOPD and total gas production shall not exceed 50% of the absolute open flow (AOF).

File form ACO-1 upon re-completion of the well to commingle.

Commingling ID number CO011103 has been assigned to this approved application. Use this number for well completion reports (ACO-1) and other correspondence that may concern this approved commingling.

Sincerely,

Rick Hestermann
Production Department