

Commingling ID #_

KANSAS CORPORATION COMMISSION 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)

OPERAT	OR: License #	API No. 15		
Name:		Spot Description:		
Address	1:		Sec Twp	_S. R East West
Address	2:		Feet from No	orth / 🗌 South Line of Section
City:	State: Zip:+		Feet from Ea	ast / 🗌 West Line of Section
Contact	Person:	County:		
Phone:	()	Lease Name:	We	II #:
□ 1.	Name and upper and lower limit of each production interval to	be commingled		
L I.	Formation:	0	۰.	
	Formation:			
	Formation:			
		, , , , , , , , , , , , , , , , , , ,		
	Formation:	(),		
	Formation:):	
2.	Estimated amount of fluid production to be commingled from e	each interval:		
	Formation:	BOPD:	MCFPD:	BWPD:
	Formation:	BOPD:	MCFPD:	BWPD:
	Formation:			BWPD:
	Formation:			BWPD:
	Formation:			BWPD:
□ 3. □ 4.	Plat map showing the location of the subject well, all other well the subject well, and for each well the names and addresses of Signed certificate showing service of the application and affida	of the lessee of record or o	perator.	ses within a 1/2 mile radius of
For Con	nmingling 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	_		
For Con	nmingling of FLUIDS ONLY, include the following:			
7.	Well construction diagram of subject well.			
8.	Any available water chemistry data demonstrating the compati	ibility of the fluids to be cor	mmingled.	
current ir mingling	/IT: I am the affiant and hereby certify that to the best of my nformation, knowledge and personal belief, this request for comis true and proper and I have no information or knowledge, which istent with the information supplied in this application.		Submitted Electror	nically
	Coffice Use Only	in writing and comply with		st in the application. Protests must be be filed wihin 15 days of publication o
	/ Periods Ends:	the notice of application.		

Date: _

Approved By:

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License #32754	API No. 15
Name: Elysium Energy, L.L.C.	County: Rooks
Address: 1625 Broadway, Suite 2000	<u>_NE_NE_NE_sec. 11_Twp. 9_</u> S. R. <u>19</u> East 🗹 West
City/State/Zip: Denver, CO 80202	330 feet from S / 😡 (circle one) Line of Section
Purchaser: NCRA	330 feet from E / W (circle one) Line of Section
Operator Contact Person: Chris Gottschalk	Footages Calculated from Nearest Outside Section Corner:
Phone: (785) 434-4638	(circle one) NE SE NW SW
Contractor: Name: Chito	Lease Name: Barry LKC Unit Well #: 6-1
License: 32028	Field Name: Barry
Wellsite Geologist;	Producing Formation: LKC
Designate Type of Completion:	Elevation: Ground: 2015' Kelly Bushing: 2017'
New Well Re-Entry Workover	Total Depth: 3455' Plug Back Total Depth: 3387'
	Amount of Surface Pipe Set and Cemented at 106 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth set Feet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: Phillips Petroleum Company	feet depth tosx cmt.
Well Name: Dan Barry #1	
Original Comp. Date: 8/5/42 Original Total Depth: 3455'	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content_NAppm Fluid volumebbls
Plug Back Plug Back Total Depth	Dewatering method used
Commingled Docket No	Location of fluid disposal if hauled offsite:
Dual Completion Docket No	Udersteinderstatig und Freit Abstractionen und Kommennen und der einer anderen einer Stationen ein
Other (SWD or Enhr.?) Docket No	Operator Name:
6/12/03 6/17/03 Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	Lease Name: License No.: Quarter Sec. Twp. Sector County: Docket No.: Sector

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 of 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:	
Title:Regulatory EngineerDate:	7/23/2004
Subscribed and sworn to before me this 23rd day of	July,
×9_2004 () /	himmed
Notary Public Supplice Internet	Jonall
Date Commission Expires: 1/20/200/	J

KCC Office Use ONLY	
_ Letter of Confidentiality Attached	
If Denied, Yes Date:	
 Wireline Log Received	
 _ Geologist Report Received	
UIC Distribution	

Side Two

Operator Name: Elysium Energy, L.L.C.	_ Lease Name:_Barry LKC Unit
Sec. <u>11</u> Twp. <u>9</u> S. R. <u>19</u> East 🖌 West	County: Rooks

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)	🗌 Yes	No	🗌 Log	Formation (Top), Deptl		Sample
Samples Sent to Geological Survey	Yes	No	Name		Тор	Datum
Cores Taken Electric Log Run <i>(Submit Copy)</i>	Yes Yes	☐ No ☐ No				
List All E. Logs Run:						

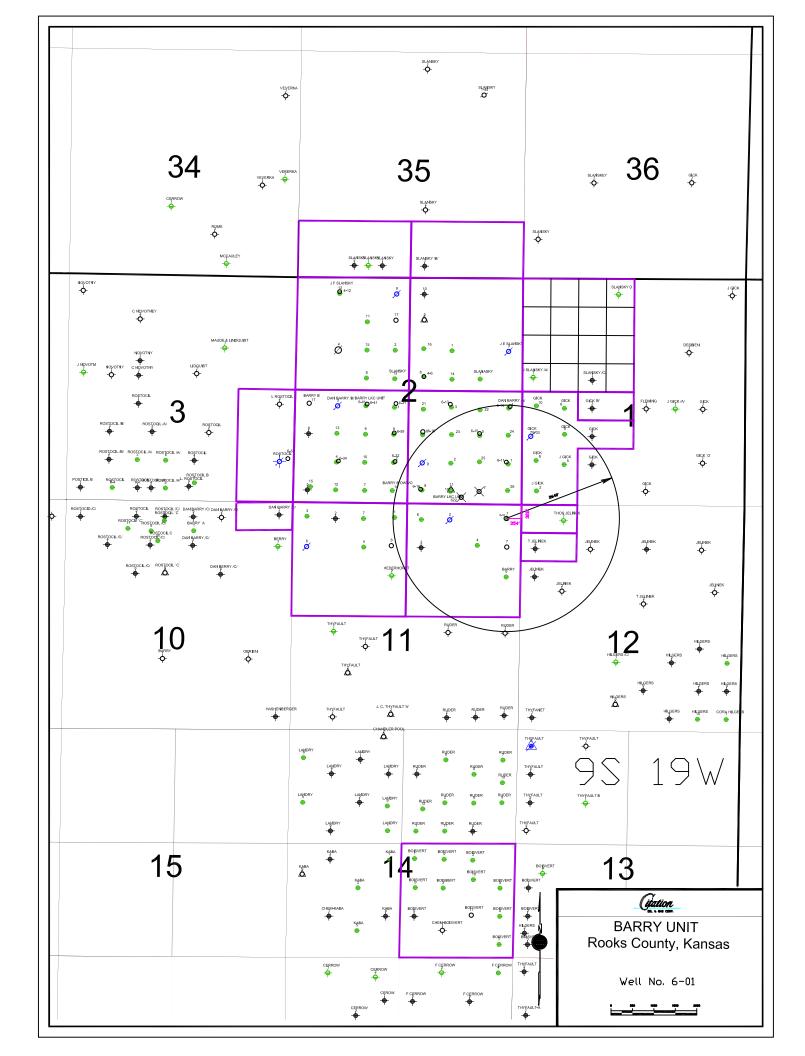
		CASING Report all strings set-c		ew 🗌 Used ermediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: Perforate	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone		No de Maria Santa Alexandro de Constantes de Constantes de Constantes de Constantes de Constantes de Constantes		

Shots Per Foot		RD - Bridge Plugs Set/Typ Each Interval Perforated	e		hot, Cement Squeeze Record nd Kind of Material Used)	Depth
2	Additional perfs in LKC	3190-96', 3246-51',				
2	3266-68', 3322-25', 334	3-49', 3380-86'			ter terester and ter	
TUBING RECORD	Size Set A 7/8" 3365'	Packer	At	Liner Run	V No	
Date of First, Resume 77/23/2004	d Production, SWD or Enhr.	Producing Method	Flowing	✓ Pumping	Gas Lift Other (Explain)
Estimated Production Per 24 Hours	Oil Bbis. 8	Gas Mcf	Wate 264	r Bbis.	Gas-Oil Ratio	Gravity
Disposition of Gas	METHOD OF COMPLETI	ON		Production Interval		
Vented Sold (If vented, S	Used on Lease Sumit ACO-18.)	Open Hole Pe	rf. 🗌 D	ually Comp. 🗌 Co	mmingled 3190-3386' (gross)	<u> </u>

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			NE14-	NE 74			
3:25 K.		SEC_))	P 95	RGE	19W	
Log	Measured fro	m2' A8. C	EMENT EL	.00 R 1	Elev. 😞 ove Perma	nent Datum [Elevations: (B DF2017 GL
Log Drilli Date Run Type Dept Dept Botto	Measured from ng Measured No. Log h-Driller h-Logger om Logged In	m <u>2'A6,C</u>	EMENT EL FEB 4 190 DNE - OW GR - NEWT 3455 3450	box Fr. Ab	Elev. <u>A</u>	nent Datum [(B DF7
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Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)	
Name:	Legal Description of Leasehold:
I hereby certify that the statements made herein are true and correct to the bes	t of my knowledge and belief.
Applican	t or Duly Authorized Agent
Subscribed and sworn before	me this day of ,

Notary Public

My Commission Expires: _

Instructions:

- 1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. Show well numbers and elevations of producing formation tops.
- 2. Attach some type of log (drillers log, electric log, etc.).
- 3. Attach some type of verification of cementing for surface casing, longstring, D.V. tool, perforations, etc. (Cement ticket and job log, bond log, etc.)
- 4. Attach Affidavit of Notice.
- 5. Fill in schematic drawing of subsurface facilities including: size, setting depth, amount of cement, measured or calculated tops of cement for each of surface, intermediate (*if any*) and production casing; size and setting depth of tubing and packer; geological zone of injection showing top and bottom of injection interval.
- 6. The original and one copy of the application and all attachments shall be mailed to the State Corporation Commission, Conservation Division.
- 7. Deliver or mail one (1) copy of the application to the landowner on whose land the injection well is located and to each operator or lessee of record and each unleased mineral rights owner within one-half mile of the applicant well.
- 8. Approval of this application, if granted, is valid only as long as there are no substantial changes in operation set forth in the application. A substantial change requires the approval of a new application. *No injection well may be used without prior written authorization.*
- 9. All application fees must accompany the application.

AFFIDAVIT

١ SS. -

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STATE OF KANSAS

County of Sedgwick

Mark Fletchall, of lawful age, being first duly sworn, deposeth 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 8th of

April A.D. 2013, 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.

Fletchall

Subscribed and sworn to before me this

8th day of April, 2013

A.	PENNY L. ÇASĘ	
	Notary Public - State of Kansas	Ĺ
	A. Expires 720/00/	

Notary Public Sedgwick County, Kansas

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE APRIL 08, 2013 (3239863) STATE CORPORATION COMMISSION OF THE STATE OF KANSAS COUNTY OF ROOKS NOTICE OF FILING APPLICATION RE: Citation Oil & Gas Corp. - Application for Commingling of Production or Fluids in the Barry LKC Unit 6-01, located in Rooks County, Kansas.

Kansas, TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons

To: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whoever concerned. You, and each of you, are hereby notified that Citation Oil & Gas Corp. has filed an Application for Commingling of Production or Fluids in Lansing-Kansas City and Arbuckle formations at the **Barry LKC Unit 6-01** lease, located in the NE NE NE of Section 11, **T9S-R19W**, Rooks County, Kansas. Any persons who object to or protest this applications 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 All persons interested or concerned shall take notice of the foregoing and shall govern themselves accordingly

Citation Oil & Gas Corp. P O Box 690688 Houston, TX 77269-0688 (281) 891-1564

Printer's Fee : \$101.20

Affidavit of Publication STATE OF KANSAS SS.

Jack Krier, being first duly sworn, deposes and says: That he is publisher of the Plainville Times, a weekly newspaper printed in the State of Kansas, and published in and of general circulation in Rooks County, Kansas, with a general paid circulation on a weekly basis in Rooks County, Kansas, and that said newspaper is not a trade, religious or fraternal publication.

Rooks

COUNTY

Said newspaper is a weekly published one day a week and has been published continuously and uninterruptedly in said county and state for a period of more than five years prior to the first publication of said notice; and has been admitted at the post office of Plainville, Kansas, in said county as second class matter.

That the attached notice is a true copy thereof and was published in the regular and entire issue of said

newspaper for _____ consecutive (L)PEK_,

the first publication thereof being made as aforesaid on

the $\underline{\mathcal{R}}$ day of $\underline{\mathcal{M}}$, 2013, with subsequent publications being made on the following dates: , 20____, 20____, 20____ , 20_ ____, 20_ 2020 Signed:__ Subscribed and sworn to before me this . 20 day of _____ rich RICHELLE TWERTARK OL My Appt. Expires 53/0/6 3376/6 \$ 33.75 **Publication** Fee \$ 0.50 Affidavit, Notary's Fee Additional copies ____ @____ \$ _____ \$ 34.35 Total Publication Fee

(Published in the March 28, 2013 issue of the Plainville t1 **Tickets** Times)

BEFORE THE STATE COR-PORATION COMMISSION OF THE STATE OF KANSAS COUNTY OF ROOKS

> NOTICE OF FILING APPLICATION

Re: Citation Oil & Gas Corp. - -Application for Commingling of Production or Fluids in the Barry LKC Unit 6-01, located in Rooks County, Kansas.

TO: All Oil & Gas Producers, Unleased Mineral Interest Owners, Landowners, and all persons whoever concerned.

You, and each of you, are hereby notified that Citation Oil & Gas Corp. has filed an Application for Commingling of Production or Fluids in Lansing-Kansas City and Arbuckle formations at the Barry LKC Unit 6-01 lease, located in the NE NE NE of Section 11, T9S-R19W, Rooks County, Kansas.

Any persons who object to or protest this application shall be required to file their objections with the or protest 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. Citation Oil & Gas Corp. P O Box 690688 Houston, TX 77269-0688 (281) 891-1564



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Mark Sievers, Chairman Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

April 23, 2013

Tami Troxel Citation Oil & Gas Corp 14077 Cutten Rd Houston, TX 77269-0688

RE: Approved Commingling CO041316 Barry LKC Unit 6-01, Sec. 11-T9S-R19W, Rooks County API No. 15-163-01621-00-00

Dear Ms. Troxel:

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 April 8, 2013, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

	Estimated Current Production			
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Lansing-Kansas City	2.0	0.0	58.0	3190-3386
Arbuckle	15.0	0.0	135.0	3430-3455
Total Estimated Current Production	17.0	0.0	193.0	

Based upon the depth of the Arbuckle formation perforations, total oil production shall not exceed 100 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 CO041316 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