

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1075361

Form ACO-4 Form must be typed March 2009

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

OPERAT	OR: License #	API No. 15			
Name:_		Spot Description	n:		
Address	1:		Sec Twp	oS. R	East West
Address	2:		Feet from	North /	South Line of Section
City:			Feet from	East /	West Line of Section
Contact	Person:	County:			
Phone:	()	Lease Name:_		Well #:	
□ 1.	Name and upper and lower limit of each production interval to be cor	•			
	Formation:	,	fs):		
	Formation:	(Per	fs):		
	Formation:	(Per	fs):		
	Formation:	(Per	fs):		
	Formation:	(Per	fs):		
☐ 2.	Estimated amount of fluid production to be commingled from each in	terval:			
	Formation:		MCFPD:	E	BWPD:
	Formation:				BWPD:
	Formation:				BWPD:
	Formation:				BWPD:
	Formation:				BWPD:
	Tomation.	DOI D	WOLLD		7VVI D
□ 3.	Plat map showing the location of the subject well, all other wells on the subject well, and for each well the pages and addresses of the left			ing leases within	a 1/2 mile radius of
	the subject well, and for each well the names and addresses of the le	essee of record of	r operator.		
4.	Signed certificate showing service of the application and affidavit of p	oublication as req	uired in K.A.R. 82-3-13	35a.	
For Con	nmingling of PRODUCTION ONLY, include the following:				
5.	Wireline log of subject well. Previously Filed with ACO-1: Yes	No			
	_ , _ ,	INO			
<u></u> 6.	Complete Form ACO-1 (Well Completion form) for the subject well.				
For Con	nmingling of FLUIDS ONLY, include the following:				
7.	Well construction diagram of subject well.				
8.	Any available water chemistry data demonstrating the compatibility of	f the fluids to be	commingled.		
current ir mingling	/IT: I am the affiant and hereby certify that to the best of my information, knowledge and personal belief, this request for comistrue and proper and I have no information or knowledge, which istent with the information supplied in this application.		Submitted Ele	ctronically	

KCC Office Use Only

Denied Approved

15-Day Periods Ends:

Approved By:

Date:

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 wihin 15 days of publication of the notice of application.

Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1 September 1999 Form Must Be Typed

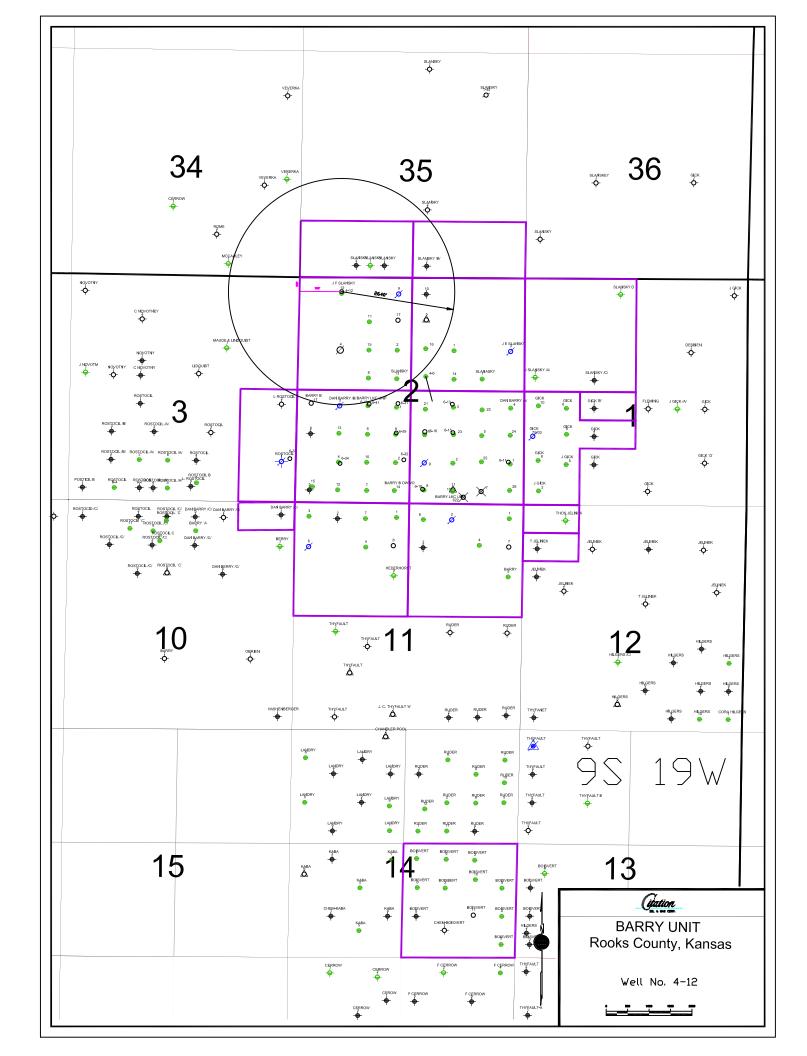
WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 32754	API No. 15 - 15-163-02293
Name: Elysium Energy, L.L.C.	County: Rooks
Address: 1625 Broadway, Suite 2000	NE_NV_NW Sec. 2 Twp. 9 S. R. 19 East V West
City/State/Zip: Denver, CO 80202	330 feet from S / (circle one) Line of Section
Purchaser: NCRA	990 feet from E / (Gircle 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 #: 4-12
License: 32028	Field Name: Barry
Wellsite Geologist:	Producing Formation: LKC
Designate Type of Completion:	Elevation: Ground: Kelly Bushing: 1991'
New Well Re-Entry ✓ Workover	Total Depth: 3435' Plug Back Total Depth: 3401'
✓ Oil SWD Temp. Abd.	Amount of Surface Pipe Set and Cemented at 217 Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?
Dry Other (Core, WSW, Expl., Cathodic, etc)	If yes, show depth setFeet
If Workover/Re-entry: Old Well Info as follows:	If Alternate II completion, cement circulated from
Operator: Continental Oil	feet depth tosx cmt,
Well Name; Slansky #12	
Original Comp. Date: 9/11/58 Original Total Depth: 3435'	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Deepening Re-perf Conv. to Enhr./SWD	Chloride content NA ppm Fluid volume bbls
Plug BackPlug Back Total Depth	Dewatering method usedppm Fiuld volumebbis
Commingled Docket No	
Dual Completion Docket No	Location of fluid disposal if hauled offsite:
Other (SWD or Enhr.?) Docket No	Operator Name:
1/19/04 1/23/04	Lease Name: License No.:
Spud Date or Date Reached TD T123/04 Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	County: Docket No.:
INSTRUCTIONS: An original and two copies of this form shall be filed with Kansas 67202, within 120 days of the spud date, recompletion, workove Information of side two of this form will be held confidential for a period of 12 107 for confidentiality in excess of 12 months). One copy of all wireline logs of TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells.	r or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. 2 months if requested in writing and submitted with the form (see rule 82-3-and geologist well report shall be attached with this form. ALL CEMENTING
All requirements of the statutes, rules and regulations promulgated to regular nerein are complete and correct to the best of my knowledge.	te the oil and gas industry have been fully complied with and the statements
Signature:	KCC Office Use ONLY
Fittle: Regulatory Engineer 11/29/2004	Letter of Confidentiality Attached
Subscribed and sworn to before me this 29th day of November NDI	If Denied, Yes Date:
1 2004 A 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Wireline Log Received
Meme, Silai	Geologist Report Received
Notary Public:	UIC Distribution
Date Commission Expires: 5/24/06	.c.:B
MA'. OB	11.00

Side Two

Operator Name: El	ysium Energy, L.L.	C	Lease Name:	Barry LKC Ur	nit	_ Well #: <u>_4-12</u>	2
Sec2 Twp	9 s. R. 19	☐ East ✓ West	County: Roo	oks			
tested, time tool ope temperature, fluid re	Show important tops an en and closed, flowing ecovery, and flow rates gs surveyed. Attach fin	and shut-in pressures, if gas to surface test, a	whether shut-in pa along with final cha	ressure reached:	static level, hydro	static pressure	s, bottom hole
Drill Stem Tests Tak		Yes No		Log Formatio	on (Top), Depth a	and Datum	Sample
Samples Sent to Ge	eological Survey	Yes No	Nar	ne		Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		Yes No					
List All E. Logs Run	:						
				lew Used			
Purpose of String	Size Hole	Report all strings set-	Weight	termediate, producti Setting	on, etc.	# Sacks	Type and Percent
r urpose of ourng	Drilled	Set (In O.D.)	Lbs. / Ft.	Depth	Cement	Used	Additives
		ADDITIONAL	CEMENTING / SQ	UEEZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD —— Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used		Type and P	ercent Additives	
Shots Per Foot	PERFORATION	RECORD - Bridge Plug	ıs Sel/Type	Acid, Frac	ture. Shot. Cement	Squeeze Record	
00.000.007 A 00.000 (00.000,000.000.000.000.000.000.000.000.	Specify Fo	otage of Each Interval Per	forated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) De			
Additional perfs in LKC 3174-79', 321			210-16'	4250 gal 15% NE Acid & 3600# rock salt 31			
2 3232-36', 3243-46', 3306-16',		6', 3306-16', 3324-	30'	in 7 stages			3373'
						100000	
TUBING RECORD	Size 7/8" 3:	Set At	Packer At	Liner Run	Yes 🗸 No		
	Production, SWD or Enhr		od Flowin	ıg ✓ Pumpin		Other	(Explain)
Estimated Production Per 24 Hours	Oil Bb 18	is. Gas	Mcf Wat	er Bb	ls. G	as-Oil Ratio	Gravity
Disposition of Gas	METHOD OF COI	MPLETION	₩ 1	Production Interv			
Vented Sold	Used on Lease umit ACO-18.)	Open Hole Other (Special		Dually Comp.	Commingled 3	:174-3373' (ç	gross)

FINAL PRINT COMPENSATED					
Schlumberg	TRON LOG				
C	DLEUM COMPANY				
FI NOLEUM	ELL SLANSKY NO. 1 ELD BARRY POOL	LKC#4-12			
Ct	OUNTY ROOKS	STATE KANSAS			
DN 47 LOGAT	NE NW NW				
PIELD LOOATION WELL COMPANY	SERIAL NO. SECT. TWP.	RANGE CYBERSDCAN			
Permanent Datum GROUND LEVEL Elev. 1984.0 F Elev.K.B. 1991.0 F Log Measured From KELLY BUSHING 5.0 F above Perm. Datum D.F. 1989.0 F Drilling Measured From KELLY BUHING G.L. 1984.0 F					
Date	09-DEC-88				
Run No.	ONE				
Depth Driller	3435.0 F				
	3428.0 F				
Btm. Log Interval	3425.0 F				
Top Log Interval	2500.0 F 8 5/8" 9 217.0 F 5 1/2" \$ 3435.0 F	•			
Casing-Driller	8 5/8"				
Casing-Logger Bit Size	12 1/4" 7 7/8"				
Type Fluid in Hele	WATER				
Dens. Visc.	8.00 LB/G				
pH Fld. Loss					
Source of Sample					
Rm @ Meas. Temp.	•	0			
Rmf & Meas. Temp.	0	0			
Rmc & Meas. Temp.	0	0			
Seures: Rmf Rmc					
Rm 0 BHT	9 109. DEGF	0			
Circulation Ended					
Lugger en Bottom	11:30 TE/9				
Max. Res. Temp.	100 DEGF				
Equip Location	EDES GREAT SEND				
Resorted Dy	PETER POLT				
-	WEARS ANDM				



(Attach additional sheets if necessary) Legal Description of Leasehold: I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief. Applicant or Duly Authorized Agent Subscribed and sworn before me this ____ _____ day of__ Notary Public My Commission Expires: ___ Instructions:

- 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.).

Offset Operators, Unleased Mineral Owners and Landowners acreage

- 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.
- 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

STATE OF KANSAS

- SS.

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.

Subscribed and sworn to before me this

8th day of April, 2013

PENNY L. CASE Notary Public - State of Kansa My Appt. Expires

Notary Public Sedgwick County, Kansas

Printer's Fee: \$101.20

LEGAL PUBLICATION

PUBLISHED IN THE WICHITA EAGLE APRIL 08, 2013 (3239862)
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 4-12, located in Rooks County,

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 4-12 lease, located in the NE NW NW of Section 2, T9S-R19W, Rooks 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

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

STATE OF KANSAS

Rooks
COUNTY SS.

Affidavit of Publication

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.

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 was published in the regular	2.7
newspaper for c	onsecutive Wlk,
the first publication thereof b	eing made as aforesaid on
the \\ day of April	<u>, 2015</u> ,
with subsequent publications following dates:	being made on the
, 20	, 20
	, 20
, 20	, 20
	le true
Subscribed and sworn to	pefore me this 15th
day of Conce	
RICHELLE TWENTER Notary Public - State of Ransas My Appt. Expires - Notary My commission expires:	y Public's Signature 83-7016
Publication Fee	\$ 34.88
Affidavit, Notary's Fee	\$ 0.50
Additional copies @	\$
Total Publication Fee	\$.35.38

(Published in the April 11, 2013 issue of the Plainville 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 4-12, 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 4-12 lease, located in the NE NW NW of Section 2, T9S-R19W, Rooks County, Kansas.

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

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/

Sam Brownback, Governor

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

April 29, 2013

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

RE: Approved Commingling CO041324

Barry LKC Unit 4-12, Sec. 2-T9S-R19W, Rooks County

API No. 15-163-02293-00-01

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 18, 2013, concerns approval to simultaneously produce from the following sources of supply through the same tubing string in the same wellbore:

	ı			
	Estimated			
	Current			
	Production			
Source of Supply	BOPD	MCFPD	BWPD	Perf Depth
Lansing-Kansas City	5.0	0.0	25.0	3174-3373
Arbuckle	15.0	0.0	135.0	3418-3428
Total Estimated Current Production	20.0	0.0	160.0	

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 CO041324 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