

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: | | | | | | |
| | | | | | | |

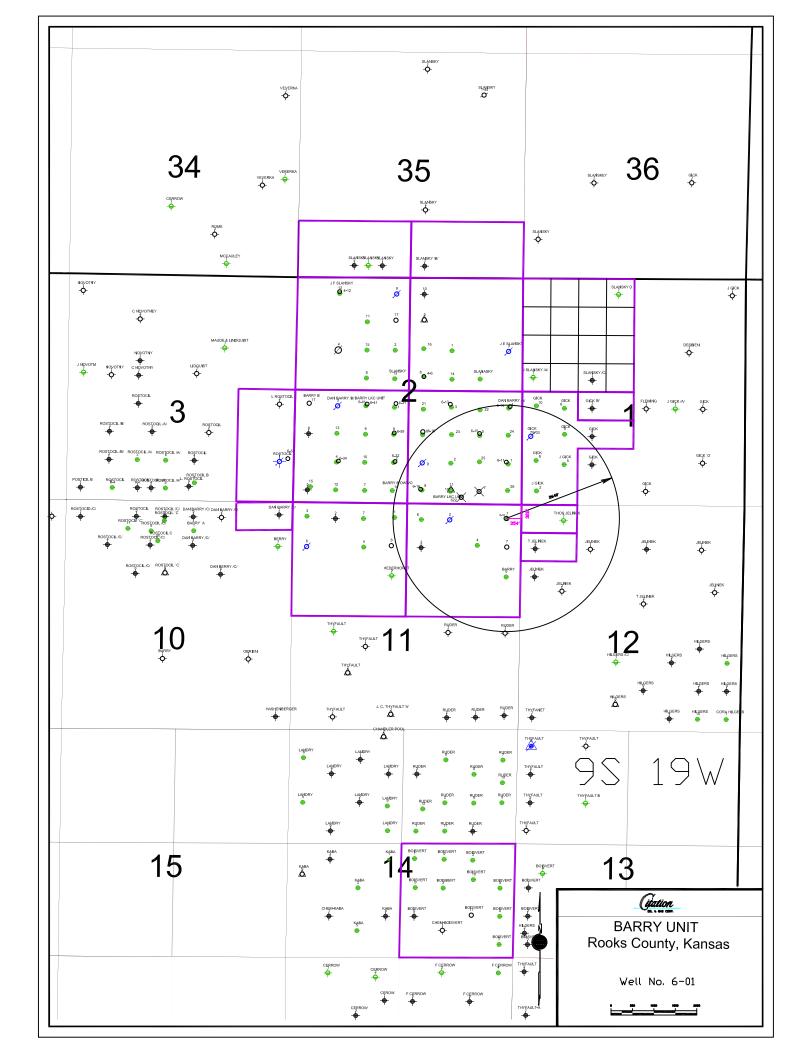
| | | CASING Report all strings set-c | | ew 🗌 Used ermediate, producti | on, etc. | | |
|-------------------|----------------------|------------------------------------|----------------------|----------------------------------|-------------------|-----------------|-------------------------------|
| 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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| | FIELD | | | DOKS | 5 | | Other Services |
| »; ••• | VEIN | | | - | | | |
| | | | 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: |
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| | |
| 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. -

1

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