

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

/s/ Lynn M. Retz

Form U-1
July 2014Form must be Typed
Form must be Signed
All blanks must be Filled

APPLICATION FOR INJECTION WELL

Disposal ☒Enhanced Recovery: ☐ Repressuring☐ Waterflood☐ Tertiary

Date: 08/15/2018

Operator License Number: 31280 Exp. 08/30/19

Operator: Brian L Birk, dba Birk Petroleum

Address: 874 12th Rd

Burlington, Ks 66839

Contact Person: Brian L Birk

Phone: 620-364-1311

Email: blbpetro@gmail.com

Permit Number: D19784 D-32,724 3-JE

API Number: 15-031-19151

Well Location

SW - NE - SW - SW Sec. 7 Twp. 23 S. R. 15 ☒ E ☐ W908 feet from ☐ N / ☒ S Line of Section4439 feet from ☒ E / ☐ W Line of Section

GPS Location: Lat: (e.g. xx.xxxxx), Long: (e.g. -xxx.xxxxx)

Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84

Lease Description: SW4 7-23-15E

Lease Name: Merritt Well Number: 10

Field Name: Winterschied

County: Coffey

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Deepest Usable Water

Formation: Sandstone/gravel

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Depth to Bottom of Formation: 120 CONSERVATION DIVISION
WICHITA, KSCheck One: ☒ Old Well Being Converted ☐ Newly Drilled Well ☐ Well to be Drilled

Surface Elevation: 1110 feet Well Total Depth: 724 feet Plug Back Depth: 724 feet

Datum of top of injection formation: 526 feet (reference mean sea level)

Injection Formation Description:

| Name | top / bottom | perf / open hole | depth |
|-------------|--------------|------------------|-----------------|
| Kansas City | 584 / 724 | perf | 666 to 694 feet |

List of Wells/Facilities Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division:

(attach additional sheets if necessary)

| Lease Operator | Lease/Facility Name | Lease/Facility Description | Well ID & Spot Location |
|-------------------|---------------------|----------------------------|-------------------------|
| 1. Birk Petroleum | Merritt | SW4 7-23-15E | See attached list |
| 2. Birk Petroleum | Demler | NE4 7-23-15E | See attached list |
| 3. | | | |

| Producing Formation | Strata Depth | Total Dissolved Solids (if available) |
|---------------------|-------------------|---------------------------------------|
| 1. Mississippian | 1500 to 1650 feet | mg/l |
| 2. Squirrel | 1200 to 1400 feet | mg/l |
| 3. | to feet | mg/l |

Maximum Requested Liquid Injection Rate: 100 bbls / day; or

Maximum Requested Gas Injection Rate: scf / day. Type of Gas:

Maximum Requested Injection Pressure: 300 psig

(NOCK W/ 1
200 w/ required)

List of Wells Supplying Produced Saltwater or Other Fluids Approved by the Conservation Division

Merritt Wells: all in Section 7-23-15E

Merritt #1: 15-031-19147; W2 W2 SW
Merritt #2: 15-031-19148 ; SW
Merritt #3: 15-031-19149; W2 SW SW
Merritt #4: 15-031-19150; S2 SW
Merritt #6: 15-031-22283; SW NE NE SW
Merritt #7: 15-031-22284; NW NE SW
Merritt #11: 15-031-22362; NW NE NE SW
Merritt #12: 15-031-22361; NE NE NW SW
Merritt #14: 15-031-22369; SW NW NE SW
Merritt #15: 15-031-22390; SW SW NE SW
Merritt #16: 15-031-22391; NW NW SE SW
Merritt #17: 15-031-22407; NE NW NW SW
Merritt #18: 15-031-22408; NW NW NW SW
Merritt #19: 15-031-22452; SW NW NW SW
Merritt #20: 15-031-22453; SW SE NE SW

Demler Wells: all in Section 7-23-15E

Demler #1-C: 15-031-19272; SW SW SW NE
Demler #2; 15-031-19273; SW NW SW NE
Demler #3: 15-031-19274; NW NW NW NE
Demler #6: 15-031-22358; NW NW SW NE
Demler #8: 15-031-22363; NE SW SW SE

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Well CompletionType: ☐ Tubing & Packer ☐ Packerless ☒ Tubingless

| | Conductor | Surface | Intermediate | Production | Tubing |
|------------------|-----------|------------|--------------|------------|--------|
| Size | | 8.625 | | 3.5 | |
| Setting Depth | | 40 | | 724 | |
| Amount of Cement | | to surface | | to surface | |
| Top of Cement | | surface | | surface | |
| Bottom of Cement | | 40 | | 724 | |

If Alternate II cementing, complete the following:

Perforations / D.V. Tool at _____ feet, cemented to surface _____ feet with _____ sx.

Tubing: Type _____ Grade _____

Packer: Type _____ Depth _____

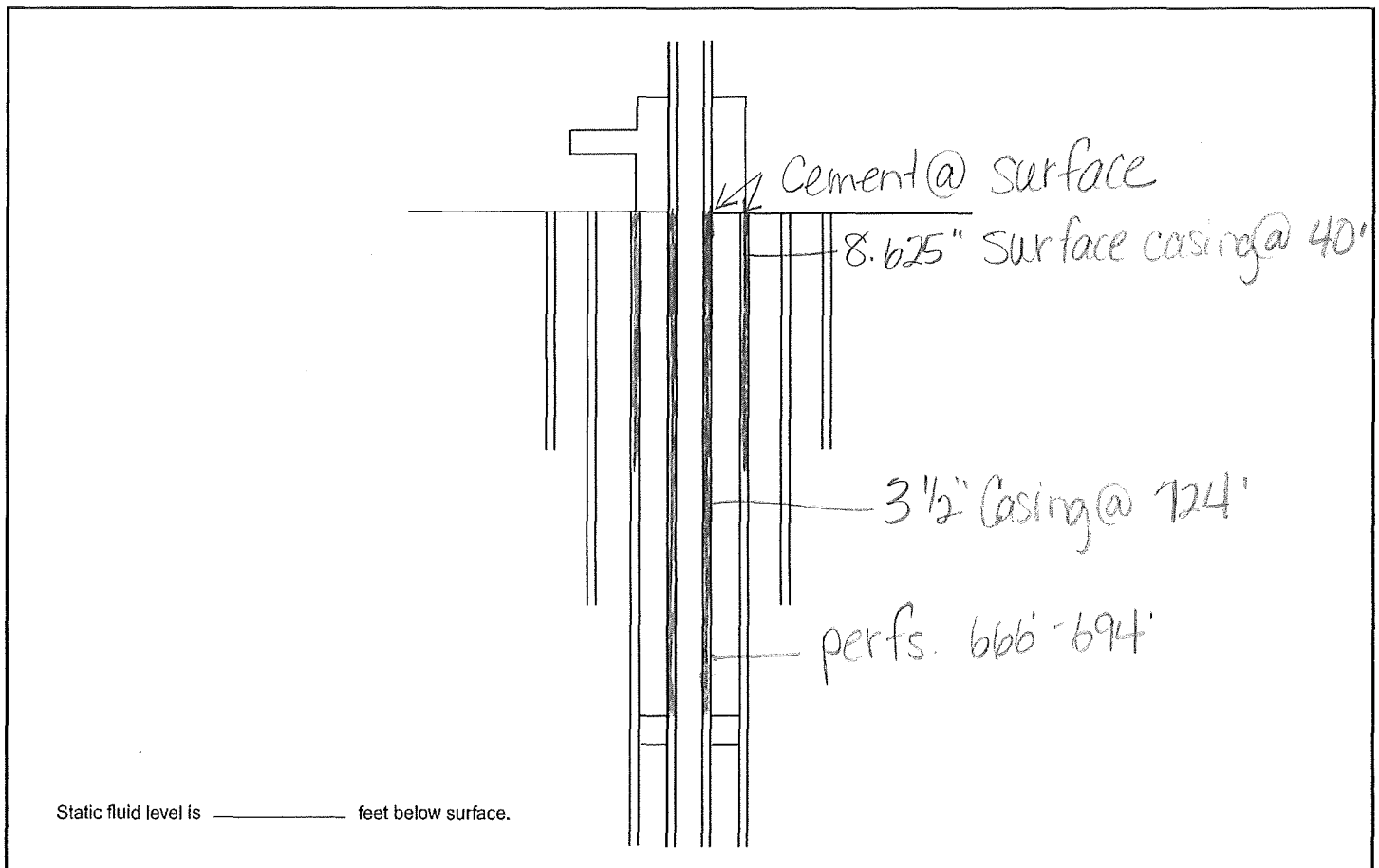
Annulus Corrosion Inhibitor: Type _____ Concentration _____

List Logs Enclosed: Gamma Ray/NeutronReceived
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(To sketch installation, darken the appropriate lines, indicate cement, and show depths.)



Offset Operators, Unleased Mineral Owners and Landowners acreage

(Attach additional sheets if necessary)

Name:

Legal Description of Leasehold:

See Attachment

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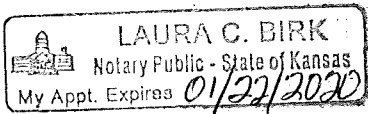
I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Applicant or Duly Authorized Agent

Subscribed and sworn before me this 16th day of August, 2018

Notary Public

My Commission Expires:

**Instructions:**

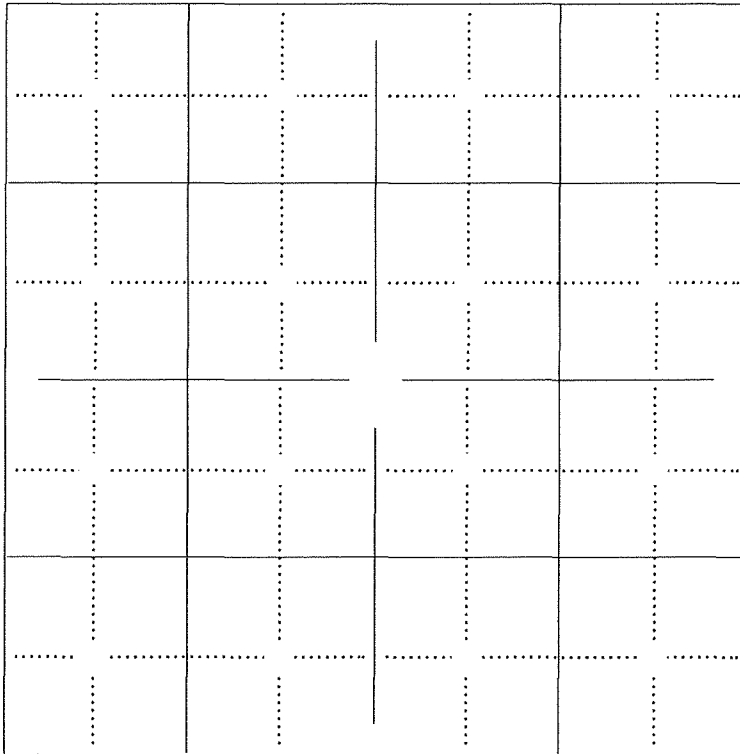
1. Fully complete application, including page 4 (*plat map*) showing subject well and all known oil, gas and input wells, including wells being drilled, inactive wells, or dry holes, within one-half mile. Show lease names and operators or unleased mineral rights owners of all lands within one-half mile. 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.

Plat and Certificate of Injection Well Location and Surrounding Acreages

Operator: Birk Petroleum Location of Well: SW NE SW SW
 Lease: Merritt 908 feet from ☐ N / ☒ S Line of Section
 Well Number: 10 4439 feet from ☒ E / ☐ W Line of Section
 County: Coffey Sec. 7 Twp. 23 S. R. 15 ☒ East ☐ West

Plat

Show the following information: applicant injection well, all producing wells, inactive wells, plugged wells, and other wells within a one-half mile radius, all lease boundaries, lease operators, unleased mineral rights owners, well numbers, and producing wells producing formation tops.



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applicant well

producing well

plugged injection well

D & A well

other injection well

temporary abandoned well

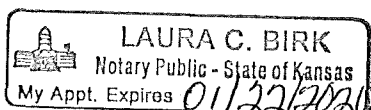
plugged producer

water supply well

The undersigned hereby certifies that he / she is a duly authorized agent for Brian L. Birk and Birk Petroleum and that all of the information shown herein is true, complete and correct to the best of his / her knowledge.

Brian L. Birk
Applicant or Duly Authorized Agent

Subscribed and sworn before me this 16th day of August, 2018

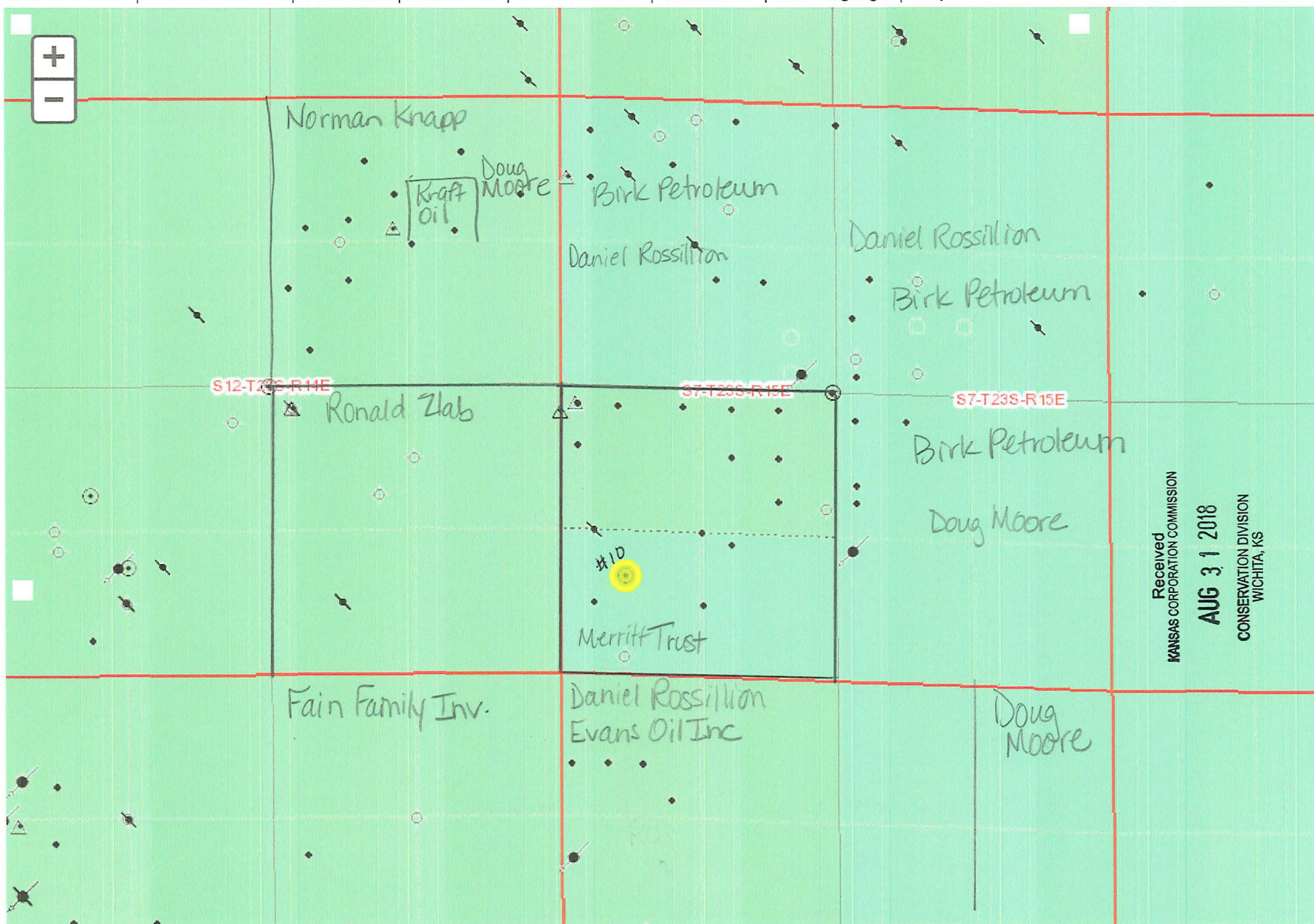


Laura C. Birk
Notary Public

My Commission Expires January 22, 2020

Kansas Oil and Gas

Kansas Geological Survey

[Statewide View](#) | [Zoom to Location](#) | [Filter Wells](#) | [Label Wells](#) | [Download Wells](#) | [Print to PDF](#) | [Clear Highlight](#) | [Help](#)

Affidavit of Notice Served

Re: Application for: Disposal
 Well Name: Merritt #10 Legal Location: SW NE SW SW, 7-23-15E, Coffey Co.

The undersigned hereby certifies that he / she is a duly authorized agent for the applicant, and that on the day 17th of August, 2018, a true and correct copy of the application referenced above was delivered or mailed to the following parties:

Note: A copy of this affidavit must be served as a part of the application.

Name

Address (Attach additional sheets if necessary)

See Attachment

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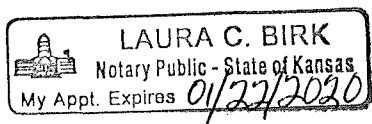
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I further attest that notice of the filing of this application was published in the Coffey County Republican, the official county publication of Coffey county. A copy of the affidavit of this publication is attached.

Signed this _____ day of _____,

[Signature]
Applicant or Duly Authorized Agent

Subscribed and sworn to before me this 16th day of August, 2018



[Signature]
Notary Public

My Commission Expires: January 22, 2020

Protests may be filed by any party having a valid interest in the application. Petitions for protests shall be in writing and shall clearly identify the name and address of the protestant and the title of the application. The petition shall include a clear and concise statement of the direct and substantial interest of the protestant in the proceedings, including the manner in which the protestant may be affected, and the nature, extent, character and grounds of the protest. Protestants shall serve the protest upon the applicant by mail or personal service at the same time or before the protestant files the protest with the Conservation Division. Protests must be filed within 30 days of the publication notice of the application.

OFFSET OPERATORS, UNLEASED MINERAL OWNERS AND LANDOWNERS

MERRITT #5 AND #10; SW4 7-23-15E, COFFEY COUNTY, KS

| <u>NAME</u> | <u>DESCRIPTION</u> |
|---|--|
| Maurice E Merritt Trust PO Box 232, Burlington, Ks 66839 | SW4 7-23-15E |
| Danial Rossillion 2504 Copper Creek Ponca City, Ok 74604 | NW4 & NE4 of 7-23-15E; and NW4 & NW4 NE4 of 18-23-15E |
| Doug Moore <i>Gridley 66852</i> 510 Lynx Rd, Burlington , Ks 66839 | SE4 7-23-15E; E2 NE4 of 18-23-15; and the NE4 NE4 of 12-23-14 |
| Norman Knapp 904 Osborne St, Burlington, Ks 66839 | NE4 12-23-14E |
| Ronald Zlab 2166 Indian Rd, Yates Center, Ks 66783 | SE4 12-23-14E |
| Fain Family Inv. 13961 Horton Dr., Overland Park, Ks 66223 | N2 13-23-14E |
| Kraft Oil Company LLC 434 Iris Rd, Gridley, Ks 66839 | SW4 NE4 & W2 of 12-23-14E |
| Evans Oil Inc. PO Box 67, Lebo, Ks 66856 | W2 18-23-15E |
| Birk Petroleum 874 12 th Rd, Burlington, Ks 66839 | NW4; NE4 & W2 SE4 of 7-23-15E |

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BEFORE THE STATE CORPORATION COMMISSION
OF THE STATE OF KANSAS
NOTICE OF FILING APPLICATION

RE: Brian L Birk, dba Birk Petroleum – Application for a permit to authorize the disposal of saltwater into the **Merritt #5 and Merritt #10**, located in Coffey 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 Brian L Birk, dba Birk Petroleum has filed an application to commence the disposal of saltwater into the Kansas City formation at the Merritt #5, located in the the NW NW SW, and the Merritt #10, located in the SW NE SW SW, all in Section 7, Township 23, Range 15 East, Coffey County, Kansas, with a maximum operating pressure of 300 psi and a maximum injection rate of 100 bbls per day.

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 thirty (30) days from the date of this publication. These protests shall be filed pursuant to Commission regulations and must state specific reasons why granting 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.

Brian L Birk, dba Birk Petroleum
874 12th Rd
Burlington, Ks 66839
620-364-1311

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