

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form U3C

June 2015

Form must be Typed  
Form must be completed  
on a per well basis

# ANNUAL REPORT OF PRESSURE MONITORING, FLUID INJECTION AND ENHANCED RECOVERY

Complete all blanks - add pages if needed. Copy to be retained for five (5) years after filing date.

OPERATOR: License # 31280  
Name: Birk, Brian L. dba Birk Petroleum  
Address 1: 874 12TH RD SW  
Address 2: \_\_\_\_\_  
City: BURLINGTON State: KS Zip: 66839 + 9255  
Contact Person: BRIAN BIRK  
Phone: (620) 364-1311  
Lease Name: SUTHERLAND  
Well Number: 61

API No.: 15-031-24064-00-01  
Permit No.: E19941.16  
Reporting Year: 2019  
(January 1 to December 31)  
NE - NE - SE - SW Sec. 31 Twp. 22 S. R. 16 ☒ E ☐ W  
(a/a/a/a)  
1155 feet from ☐ N / ☒ S Line of Section  
2805 feet from ☒ E / ☐ W Line of Section  
County: Coffey

## I. Injection Fluid:

Type (Pick one): ☐ Fresh Water ☐ Treated Brine ☐ Untreated Brine ☒ Water/Brine  
Source: ☒ Produced Water ☐ Other (Attach list)  
Quality: Total Dissolved Solids: \_\_\_\_\_ mg/l Specific Gravity: \_\_\_\_\_ Additives: \_\_\_\_\_  
(Attach water analysis, if available)

## II. Well Data:

Maximum Authorized Injection Pressure: 600 psi Injection Zone: SQUIRREL SAND  
Maximum Authorized Injection Rate: 50 barrels per day  
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: 16 (Include TA's)

| III. | Month:       | Total Fluid Injected<br>BBL | Maximum Fluid<br>Pressure | Total Gas Injected<br>MCF | Maximum Gas<br>Pressure | # Days of<br>Injection |
|------|--------------|-----------------------------|---------------------------|---------------------------|-------------------------|------------------------|
|      | January      | <u>250</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | February     | <u>249</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>28</u>              |
|      | March        | <u>246</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | April        | <u>247</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>30</u>              |
|      | May          | <u>248</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | June         | <u>248</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>30</u>              |
|      | July         | <u>246</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | August       | <u>246</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | September    | <u>244</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>30</u>              |
|      | October      | <u>247</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | November     | <u>246</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>30</u>              |
|      | December     | <u>250</u>                  | <u>300</u>                | <u>0</u>                  |                         | <u>31</u>              |
|      | <b>TOTAL</b> | <u>2967</u>                 |                           | <u>0</u>                  |                         |                        |

Submitted Electronically