



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: 2015
(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
Maximum Authorized Injection Rate: 50 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: 7 (Include TA's)

III.	Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
	January	<u>310</u>	<u>300</u>	<u>0</u>		<u>31</u>
	February	<u>300</u>	<u>300</u>	<u>0</u>		<u>28</u>
	March	<u>300</u>	<u>300</u>	<u>0</u>		<u>31</u>
	April	<u>310</u>	<u>300</u>	<u>0</u>		<u>30</u>
	May	<u>310</u>	<u>300</u>	<u>0</u>		<u>31</u>
	June	<u>310</u>	<u>300</u>	<u>0</u>		<u>30</u>
	July	<u>310</u>	<u>300</u>	<u>0</u>		<u>31</u>
	August	<u>310</u>	<u>300</u>	<u>0</u>		<u>31</u>
	September	<u>300</u>	<u>300</u>	<u>0</u>		<u>30</u>
	October	<u>300</u>	<u>300</u>	<u>0</u>		<u>31</u>
	November	<u>310</u>	<u>300</u>	<u>0</u>		<u>30</u>
	December	<u>300</u>	<u>300</u>	<u>0</u>		<u>31</u>
	TOTAL	<u>3670</u>		<u>0</u>		

Submitted Electronically