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 # 34506
Name: Empire Energy E&P, LLC
Address 1: 345 RIVERVIEW ST., STE 540
Address 2:
City: WICHITA State: KS Zip: 67203 + 4262
Contact Person: Janet Evans
Phone: (316) 313-4395
Lease Name: RIEDEL F V
Well Number: 8

API No.: 15-009-23311-00-01
Permit No: D23149.0
Reporting Year: 2018
(January 1 to December 31)

____ - ____ - NE - SE Sec. 4 Twp. 18 S. R. 14 ☐ E ☑ W
(Q/Q/Q/Q)
3319 feet from ☐ N / ☑ S Line of Section
823 feet from ☑ E / ☐ W Line of Section
County: Barton

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: 100 psi Injection Zone: Arbuckle
Maximum Authorized Injection Rate: 7000 barrels per day
Total Number of Enhanced Recovery Injection Wells Covered by this Permit: _____ *(Include TA's)*

III.

Month:	Total Fluid Injected BBL	Maximum Fluid Pressure	Total Gas Injected MCF	Maximum Gas Pressure	# Days of Injection
January	14659	100	0	0	31
February	13287	100	0	0	28
March	14695	100	0	0	31
April	5496	100	0	0	30
May	15122	100	0	0	31
June	16837	100	0	0	30
July	18543	100	0	0	31
August	12321	100	0	0	31
September	8309	100	0	0	30
October	14371	100	0	0	31
November	10801	100	0	0	30
December	4494	100	0	0	31
TOTAL	148935		0		

Submitted Electronically