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 # 34888
Name: Patterson Energy LLC
Address 1: PO BOX 400
Address 2:
City: HAYS State: KS Zip: 67601 + 0400
Contact Person: Zach Patterson
Phone: (785) 259-3717
Lease Name: MICHAELIS 'A'
Well Number: SWD

API No.: 15-167-23404-00-01
Permit No: D34076.0
Reporting Year: 2021
(January 1 to December 31)

N2 - SE - SE - SE Sec. 36 Twp. 15 S. R. 14 ☐ E ☑ W
(Q/Q/Q/Q)
480 feet from ☐ N / ☑ S Line of Section
330 feet from ☑ E / ☐ W Line of Section
County: Russell

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: 0 psi Injection Zone: ARBUCKLE
Maximum Authorized Injection Rate: 10000 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	38750	0			31
February	35000	0			28
March	38750	0			31
April	37500	0			30
May	38750	0			31
June	37500	0			30
July	38750	0			31
August	38750	0			31
September	37500	0			30
October	38750	0			31
November	37500	0			30
December	38750	0			31
TOTAL	456250		0		

Submitted Electronically