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: BUTCHER
Well Number: 3 SWD

API No.: 15-163-21545-00-01
Permit No: D28501.0
Reporting Year: 2020
(January 1 to December 31)

____ - SE - NW - NW Sec. 18 Twp. 9 S. R. 18 ☐ E ☑ W
(Q/Q/Q/Q)
3971 feet from ☐ N / ☑ S Line of Section
4202 feet from ☑ E / ☐ W Line of Section
County: Rooks

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,GRANIT WASH
Maximum Authorized Injection Rate: 1500 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	15000				31
February	15000				28
March	15000				31
April	15000				30
May	15000				31
June	15000				30
July	15000				31
August	15000				31
September	15000				30
October	15000				31
November	15000				30
December	15000				31
TOTAL	180000		0		

Submitted Electronically