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: HARZMAN
Well Number: 4

API No.: 15-009-23707-00-03
Permit No: D34111.0
Reporting Year: 2022
(January 1 to December 31)

___ - NW - SW - SW Sec. 33 Twp. 16 S. R. 11 ☐ E ☑ W
(Q/Q/Q/Q)
990 feet from ☐ N / ☑ S Line of Section
4950 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: 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	62000				31
February	56000				28
March	62000				31
April	60000				30
May	62000				31
June	60000				30
July	62000				31
August	62000				31
September	60000				30
October	62000				31
November	60000				30
December	62000				31
TOTAL	730000		0		

Submitted Electronically