

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 # 7311
Name: Shakespeare Oil Co., Inc.
Address 1: 202 W MAIN ST
Address 2: _____
City: SALEM State: IL Zip: 62881 + 1519
Contact Person: Joseph McDanel
Phone: (618) 548-1585
Lease Name: ANDERSON TRUST - A
Well Number: 1

API No.: 15-101-20117-00-00
Permit No.: D17613.0
Reporting Year: 2025
(January 1 to December 31)
____ - NE - SW - SW Sec. 33 Twp. 16 S. R. 27 ☐ E ☒ W
(a/a/a/a)
697 feet from ☐ N / ☒ S Line of Section
4220 feet from ☒ E / ☐ W Line of Section
County: Lane

I. Injection Fluid:

Type (Pick one): ☐ Fresh Water ☐ Treated Brine ☐ Untreated Brine ☒ Water/Brine
Source: ☒ Produced Water ☐ Other (Attach list)
Quality: Total Dissolved Solids: 116000 mg/l Specific Gravity: 1.084 Additives: _____
(Attach water analysis, if available)

II. Well Data:

Maximum Authorized Injection Pressure: 450 psi Injection Zone: CEDAR HILLS
Maximum Authorized Injection Rate: 750 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	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	February	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	March	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	April	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	May	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
	June	<u>5772</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>30</u>
	July	<u>5588</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>31</u>
	August	<u>5438</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>31</u>
	September	<u>5614</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>30</u>
	October	<u>5674</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>31</u>
	November	<u>5301</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>30</u>
	December	<u>5182</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>31</u>
	TOTAL	<u>38569</u>		<u>0</u>		

Submitted Electronically



Complete Water Analysis

Customer: **SHAKESPEARE OIL COMPANY**
Formation Zone:
Geographic Region: **Kansas**
Geographic Location: **Lane County**
System Description: **Production System**

Equipment Description: **Andersen SWD**
Sample Point: **Water Tank**
Customer ID:
Latitude/Longitude: **0.00, 0.00**
Account Rep: **michael.walters@championx.com**

Collect Date: **03/16/2026**
Submit Date: **03/16/2026**
Report Date: **03/17/2026**
Sample ID: **BD17318**
Location Code: **546698**

Field Analysis

<u>Analysis</u>	<u>Result</u>	<u>Analysis Method</u>
Total Alkalinity (M-Alk as HCO ₃)	127 mg/L	Titration
Dissolved CO ₂	170 mg/L	Titration
Dissolved H ₂ S	70 mg/L	Titration
Pressure Surface	25 psi	
Temperature	70 ° F	
pH of Water	6.9	Meter

Sample Analysis

<u>Analysis</u>	<u>Result</u>	<u>Analysis Method</u>
Specific Gravity	1.084	Densitometer
Ionic Strength	2.07 mol/L	Calculation
Total Dissolved Solids	116000 mg/L	Calculation

Cations - Analyzed By ICP

Iron	0.560 mg/L	Measured Sodium	39500 mg/L
Manganese	<0.200 mg/L		
Barium	0.125 mg/L		
Strontium	57.9 mg/L		
Calcium	1710 mg/L		
Magnesium	612 mg/L		
Sodium	39500 mg/L		

Anions - Analyzed By IC*

Chloride	70700 mg/L	Sulfate	3770 mg/L
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Scale Type

Anhydrite CaSO ₄ PTB	N/A	Anhydrite CaSO ₄ SI	-0.45
Barite BaSO ₄ PTB	0.0	Barite BaSO ₄ SI	0.14
Calcite CaCO ₃ PTB	N/A	Calcite CaCO ₃ SI	-1.0
Celestite SrSO ₄ PTB	11.0	Celestite SrSO ₄ SI	0.14
Gypsum CaSO ₄ PTB	N/A	Gypsum CaSO ₄ SI	-0.27
Hemihydrate CaSO ₄ PTB	N/A	Hemihydrate CaSO ₄ SI	-0.29

Comments

Scaling predictions calculated using Oddo-Tomson model

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