

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 # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____
Lease Name: _____
Well Number: _____

API No.: _____
Permit No.: _____
Reporting Year: _____
(January 1 to December 31)
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ E W
(a/a/a/a)
_____ feet from N / S Line of Section
_____ feet from E / W Line of Section
County: _____

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: _____ psi Injection Zone: _____
Maximum Authorized Injection Rate: _____ 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	_____	_____	_____	_____	_____
	February	_____	_____	_____	_____	_____
	March	_____	_____	_____	_____	_____
	April	_____	_____	_____	_____	_____
	May	_____	_____	_____	_____	_____
	June	_____	_____	_____	_____	_____
	July	_____	_____	_____	_____	_____
	August	_____	_____	_____	_____	_____
	September	_____	_____	_____	_____	_____
	October	_____	_____	_____	_____	_____
	November	_____	_____	_____	_____	_____
	December	_____	_____	_____	_____	_____
	TOTAL	_____	_____	_____	_____	_____

Water Analysis Report

Attention: **Cory.Stahl@ecolab.com**

Location Code: **11905**

Sample ID: **AL42710**

Login Batch: **2018-08-22-001-LP1**

Collection Date: **08/21/2018**

Receive Date: **08/22/2018**

Report Date: **08/23/2018**

Customer: **Trek AEC (1501326)**

Region: **Kansas**

Location: **Rooks County, KS**

System: **Production System**

Equipment: **Well Ordway S.W.F. Dauwe #1**

Lab ID: **ABU-0055**

Sample Point: **Well Head**

Analyses	Result	Unit
Dissolved CO2	229	mg/L
Dissolved H2S	17	mg/L
pH	7.0	
Pressure	25	psi
Temperature	100	° F

Analyses	Result	Unit
Bicarbonate	288	mg/L
Conductivity (Calculated)	221124	µS - cm3
Ionic Strength	2.71	
Resistivity	0.045	ohms - m
Specific Gravity	1.087	
Total Dissolved Solids	141523.7	mg/L

Cations	Result	Unit
Iron	3.168	mg/L
Manganese	0.914	mg/L
Barium	4.820	mg/L
Strontium	393.2	mg/L
Calcium	6110	mg/L
Magnesium	2092	mg/L
Sodium	45410.64	mg/L

Anions	Result	Unit
Chloride	87070	mg/L
Sulfate	151	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-1.15
Barite BaSO4 PTB	0.7
Barite BaSO4 SI	0.12
Calcite CaCO3 PTB	49.1
Calcite CaCO3 SI	0.31
Celestite SrSO4 SI	-0.44
Gypsum CaSO4 SI	-1.19
Hemihydrate CaSO4 SI	-1.22

Saturation Index Calculation (Tomson-Oddo Model)

Comments

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