

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: **Travis.Scarborough@CHAMP-TECH.com**

Location Code: **362062**

Sample ID: **AJ72516**

Login Batch: **LP1**

Collection Date: **11/08/2017**

Receive Date: **11/14/2017**

Report Date: **11/15/2017**

Customer: **Destiny Petroleum**

Region: **Kansas**

Location: **Anthony, KS**

System: **ESP**

Equipment: **Louise 3504 SL 2-8H**

Lab ID: **ABU-0055**

Sample Point: **Wellhead**

Analyses	Result	Unit
Dissolved CO2	726	mg/L
Dissolved H2S	1	mg/L
pH	6.2	
Pressure	25	psi
Temperature	58	° F

Analyses	Result	Unit
Bicarbonate	268.4	mg/L
Conductivity (Calculated)	289202	µS - cm3
Ionic Strength	3.65	
Resistivity	0.035	ohms - m
Specific Gravity	1.130	
Total Dissolved Solids	185143.2	mg/L

Cations	Result	Unit
Iron	53.10	mg/L
Manganese	1.063	mg/L
Barium	3.000	mg/L
Strontium	603.1	mg/L
Calcium	13270	mg/L
Magnesium	2063	mg/L
Sodium	54579.51	mg/L

Anions	Result	Unit
Chloride	113920	mg/L
Sulfate	382	mg/L

Scale Type	Result
Anhydrite CaSO4 SI	-0.47
Barite BaSO4 PTB	1.4
Barite BaSO4 SI	0.69
Calcite CaCO3 SI	-0.50
Celestite SrSO4 PTB	73.1
Celestite SrSO4 SI	0.25
Gypsum CaSO4 SI	-0.39
Hemihydrate CaSO4 SI	-0.43

Saturation Index Calculation (Tomson-Oddo Model)

Comments

This document contains the confidential and/or proprietary information of NALCO Champion. The recipient agrees to maintain the confidentiality of the terms of this document, and shall not reproduce it by any means, disclose the contents of it to any third party, or use the contents of it for any purpose other than the purpose for which it was intended by NALCO Champion.