

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	_____	_____	_____	_____	_____

Submitted Electronically



Central Area Laboratory
12701 N. Santa Fe Ave, Suite 151
Oklahoma City, Oklahoma 73114

REPORT DATE: 3/13/2025

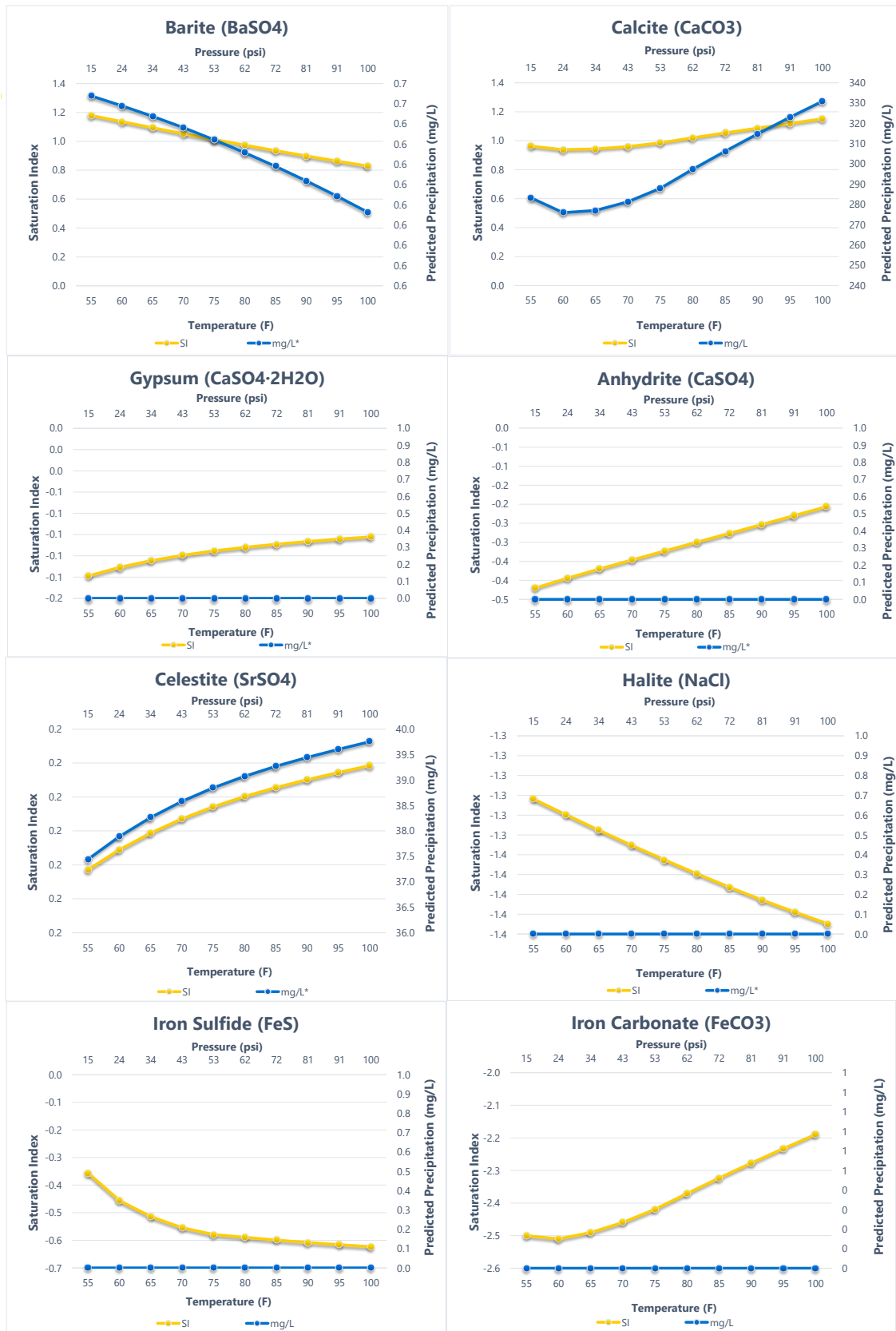
COMPLETE WATER ANALYSIS REPORT SSP v.2010

CUSTOMER: SHAKESPEARE OIL
DISTRICT: KANSAS
AREA/LEASE: GLASSMAN
SAMPLE POINT NAME: GLASSMAN 6-35
SITE TYPE: WELL SITES
SAMPLE POINT DESCRIPTION: TANK
CUSTOMER SAMPLE POINT ID:

ACCOUNT REP: BRETT J SUTER
SAMPLE ID: 202510002018
SAMPLE DATE: 2/27/2025
ANALYSIS DATE: 3/13/2025
ANALYST: BS/RH

SHAKESPEARE OIL, GLASSMAN, GLASSMAN 6-35

FIELD DATA			ANALYSIS OF SAMPLE							
			ANIONS:		mg/L	meq/L	CATIONS:		mg/L	meq/L
Initial Temperature (°F):	100		Chloride (Cl ⁻):		69300.0		1954.9	Sodium (Na ⁺):	41330.8	1798.6
Final Temperature (°F):	55		Sulfate (SO ₄ ²⁻):		5956.0		124.0	Potassium (K ⁺):	448.2	11.5
Initial Pressure (psi):	100		Borate (H ₃ BO ₃):		187.3		3.0	Magnesium (Mg ²⁺):	475.5	39.1
Final Pressure (psi):	15		Fluoride (F ⁻):		ND			Calcium (Ca ²⁺):	1215.1	60.6
			Bromide (Br ⁻):		ND			Strontium (Sr ²⁺):	49.8	1.1
			Nitrite (NO ₂ ⁻):		ND			Barium (Ba ²⁺):	0.4	0.0
pH:			Nitrate (NO ₃ ⁻):		ND			Iron (Fe ²⁺):	0.0	0.0
pH at time of sampling:	7.1		Phosphate (PO ₄ ³⁻):		0.6		0.0	Manganese (Mn ²⁺):	0.2	0.0
			Silica (SiO ₂):		ND			Lead (Pb ²⁺):	ND	
								Zinc (Zn ²⁺):	0.0	0.0
ALKALINITY BY TITRATION:			mg/L	meq/L						
Bicarbonate (HCO ₃ ⁻):	700.0	11.5								
Carbonate (CO ₃ ²⁻):	ND									
Hydroxide (OH ⁻):	ND									
			ORGANIC ACIDS:		mg/L	meq/L				
aqueous CO ₂ (ppm):	35.0		Formic Acid:		ND		Molybdenum (Mo ²⁺):		ND	
aqueous H ₂ S (ppm):	10.0		Acetic Acid:		ND		Nickel (Ni ²⁺):		ND	
aqueous O ₂ (ppb):	ND		Propionic Acid:		ND		Tin (Sn ²⁺):		ND	
			Butyric Acid:		ND		Titanium (Ti ²⁺):		ND	
Calculated TDS (mg/L):	119476		Valeric Acid:		ND		Vanadium (V ²⁺):		ND	
Density/Specific Gravity (g/cm ³):	1.0748									
Measured Specific Gravity	ND									
Conductivity (mmhos):	ND									
Resistivity:	ND									
MCF/D:	No Data									
BOPD:	No Data									
BWPD:	No Data									
			Anion/Cation Ratio:		1.10		ND = Not Determined			



SCALE PREDICTIONS BASED ON FIELD PROVIDED DATA; FUTHER MODELING MAY BE REQUIRED FOR VALIDATION OF SCALE PREDICTION RESULTS.