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#### 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.

OPER	ATOR: License # _		[	API No.:					
Name	:			Permit No:					
Addre	ss 1:			Reporting Year:					
Addre	ss 2:				(January 1 to Decembe	r 31)			
		State: Zip:		·· ·	Sec TwpS.	R EW			
Conta	ct Person:			(Q/Q/Q/Q)	feet from N /	S Line of Section			
Phone	e: ()				feet from D E /	W Line of Section			
Lease	Name:			County:					
Well N	lumber:								
			1						
-	ection Fluid:	_	_	_	_				
	Type <i>(Pick one)</i> :	Fresh Water	Treated Brine	Untreated Brine	Water/Brine				
	Source:	Produced Water	Other (Attach list)						
			mg/I Specific Grav	vity: Additives:					
(	(Attach water analysi	is, ii avaliadiej							
	II Data								
	ell Data:	I Injection Dressures		noi Injection Zonov					
		I Injection Pressure:							
				psi Injection Zone: day <i>(Include TA's)</i> Total Gas Injected Maximum Gas # Days of					
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								

### Submitted Electronically

TOTAL

# **CHAMPION**×

## **Complete Water Analysis**

Customer: SHAKE: Formation Zone: Geographic Region: Geographic Locatior System Description:	n: Lane County	Equipment Desc Sample Point: Customer ID: Latitude/Longitud Account Rep:	Bleeder		Collect Date: Submit Date: Report Date: Sample ID: Location Code:	02/21/202 03/03/202 03/05/202 BA6804 46311
	Field Analysis		Sa	mple Analysi	S	
<u>Analysis</u>	<u>Result</u>	Analysis Method	Analysis	<u>Result</u>	Analysis M	ethod
Total Alkalinity (M-A	lk as HCO3) 254 mg/L	Titration	Specific Gravity	1.034	Densiton	neter
Dissolved CO2	<b>230</b> mg/L	Titration	Ionic Strength	0.840 mol/L	Calcula	tion
Dissolved H2S	<b>90</b> mg/L	Titration	Total Dissolved Solids	<b>45600</b> mg/L	Calcula	tion
Pressure Surface	<b>25</b> psi					
Temperature	100 ° F					
pH of Water	7.0	Meter				
		Cations - A	nalyzed By ICP			
Iron	<b>&lt;0.500</b> mg/L Me	easured Sodium	<b>16000</b> mg/L			
Manganese	<b>&lt;0.200</b> mg/L					
Barium	<b>0.145</b> mg/L					
Strontium	<b>27.2</b> mg/L					
Calcium	<b>841</b> mg/L					
Magnesium	<b>321</b> mg/L					
Sodium	<b>16000</b> mg/L					
		Anions - A	nalyzed By IC*			
Chloride	<b>24600</b> mg/L St	ılfate	<b>3580</b> mg/L			
		Sca	ale Type			
	Anhydrite CaSO4 PTB	N/A	Anhydrite CaS		0.56	
	Barite BaSO4 PTB		Barite BaSO		0.34	
	Calcite CaCO3 PTB	N/A	Calcite CaCO		0.33	
	Celestite SrSO4 PTB	0.60	Celestite SrS0	D4 SIC	0.010	
	Gypsum CaSO4 PTB	N/A	Gypsum CaS		0.42	
	Hemihydrate CaSO4 PTB	N/A	Hemihydrate Ca	SO4 SI	0.39	
		Со	mments			

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