Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1315959

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Plug Back Conv. to GSW Conv. to Product	Drilling Fluid Management Plan
Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Dewatering method used: Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	License #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	QuarterSecTwpS. REast West County:Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY					
Confidentiality Requested					
Date:					
Confidential Release Date:					
Wireline Log Received					
Geologist Report Received					
UIC Distribution					
ALT I II III Approved by: Date:					

CORRECTION #1

1315959

Operator Nar	me:			Lease Name:	_ Well #:
Sec	Twp	_S. R	East West	County:	

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taker		Yes No		Log	g Formati	on (Top), Depth an	d Datum	Sa	ample
(Attach Additional Samples Sent to Geo		Yes No		Name			Тор	Da	atum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No							
List All E. Logs Run:									
		CASING Report all strings set-	RECORD	New Net interm	Used nediate, product	tion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used		nd Percent ditives
		ADDITIONAL	CEMENTING	/ SQUE	EZE RECORD	1			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Use	ed		Type and Pe	ercent Additives		
Protect Casing Plug Back TD Plug Off Zone									
Did you perform a hydrau	0				Yes		o questions 2 an	id 3)	
		raulic fracturing treatment ex n submitted to the chemical			Yes [o question 3) out Page Three o	of the ACO-	-1)
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per				cture, Shot, Cement mount and Kind of Mai		k	Depth

Per 24 Hours		
DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
Vented Sold Used on Lease	Open Hole Perf. Dually Comp. Commingled	
(If vented, Submit ACO-18.)	(Submit ACO-5) (Submit ACO-4)	
(Other (Specify)	

Packer At:

Pumping

Mcf

Producing Method:

Gas

Liner Run:

Gas Lift

Water

No

Gas-Oil Ratio

Gravity

Yes

Other (Explain)

Bbls.

TUBING RECORD:

Estimated Production

Size:

Oil

Date of First, Resumed Production, SWD or ENHR.

Set At:

Bbls.

Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	Bartender 4
Doc ID	1315959

Casing

	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Conductor	24	20	40	60	Grout	7	NA
Surface	12.25	8.625	24	1025	A-Con & Common	400	NA
Production	7.875	5.5	15.5	5113	AA-2	175	NA

****CELLS WITH BLUE BACKGROUND ARE THE ONLY CELLS TO BE EDITED****

Fracture Start Date/Time:	7/17/15 11:36	
Fracture End Date/Time:	7/17/15 13:50	Frac Focus
State:	Kansas	FIAC FOCUS
County:	Barber	Chemical Disclosure Registry
API Number:	15-007-24271-0000	(e.g. XX-XXX-XXXX-0000)
Operator Number:	CMX, Inc.	
Well Name:	Bartender #4	anga
Federal Well:	Yes	angav
Longitude:	-98.565745	America's
Latitude:	37.0000202	Natural Gas
Long/Lat Projection:	NAD27	Alliance
True Vertical Depth (TVD):		
Total Clean Fluid Volume* (gal):	463,375	

Ingredients Section:

Water Operator Cariar/Base Public Water Sad (httppen) Hinam Proposit Cytable Sile in the form of Quarts Sad (httppen) Cytable Sile Sile in the form of Quarts Methand Perside Sile Cytable Sile Sile in the form of Quarts Perside Sile Complex Proton features Perside Sile Sile Sile Sile Sile Sile Sile Sil	Trade Name	Supplier	Purpose	Ingredients	
Plexcide P5ChemplexBiocideTributyl Tetradecyl Phosphonium ChloridePlexcide P5ChemplexBiocideMethanolPlexslick 957ChemplexFriction ReducerPetroleum Hdrotreated Light DistillatePlexgel Breaker XPAChemplexSlickwater BreakerHydrogen PeroxidePlexset 730ChemplexActivatorMethanolPlexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentKrystalline Silica					7
Plexcide P5ChemplexBiocideMethanolPlexslick 957ChemplexFriction ReducerPetroleum Hdrotreated Light DistillatePlexgel Breaker XPAChemplexSlickwater BreakerHydrogen PeroxidePlexset 730ChemplexActivatorMethanolPlexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexsurf 580 MEChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica	Sand (Proppant)		Proppant		14
Plexslick 957ChemplexFriction ReducerPetroleum Hdrotreated Light DistillatePlexgel Breaker XPAChemplexSlickwater BreakerHydrogen PeroxidePlexset 730ChemplexActivatorMethanolPlexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica				Tributyl Tetradecyl Phosphonium Chloride	8
Plexgel Breaker XPAChemplexSlickwater BreakerHydrogen PeroxidePlexset 730ChemplexActivatorMethanolPlexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					6
Plexset 730ChemplexActivatorMethanolPlexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					64 7
Plexsurf 580 MEChemplexProduct Stabalizer2-ButoxyethanolPlexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					6
Plexsurf 580 MEChemplexProduct StabalizerMethyl AlcoholPlexgel 907L-EBChemplexGelling AgentGuar GuarPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					1
Plexgel 907L-EBChemplexGelling AgentGuar GumPlexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					6
Plexgel 907L-EBChemplexGelling AgentAlcohol EthoxylatesPlexgel 907L-EBChemplexGelling AgentCrystalline Silica					9
Plexgel 907L-EB Chemplex Gelling Agent Crystalline Silica					3
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*Total Water Volume sources may include fresh water, produced water, and/or recycled water ** Information is based on the maximum potential for concentration and thus the total may be over 100%

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.

Additive	Specific Gravity	Additive Quantity	Mass (lbs)
Water	1.00	463,375	3,866,864
Sand (Proppant)	2.65	275,400	275,400
Plexcide P5	0.96	50	401
Plexcide P5	0.96	50	401
Plexslick 957	1.11	293	2,714
Plexgel Breaker XPA	1.03	82	705
Plexset 730	0.00	68	0
Plexsurf 580 ME	0.95	116	920
Plexsurf 580 ME	0.90	116	871
Plexgel 907L-EB	1.02	254	2,162
Plexgel 907L-EB	1.02	254	2,162
Plexgel 907L-EB	1.02	254	2,162
Plexgel 907L-EB	1.02	254	2,162

				gui
			Total Slurry Mass (Lbs)	
			4,156,923	
	Maximum Ingredient		Maximum Ingredient	
cal Abstract Service	Concentration in	Mass per	Concentration in HF	
umber (CAS #)	Additive	Component (LBS)	Fluid	Comments
	(% by mass)**		(% by mass)**	
5	100.00%	3,866,864	93.02227%	
5 -7 -8	100.00%	275,400	6.62509%	
-8	5.00%	20	0.00048%	
	20.00%	80	0.00193%	
-8	25.00%	679	0.01632%	
1	7.00%	49	0.00119%	
	50.00%	0	0.00000%	
	60.00%	552	0.01327%	
	10.00%	92	0.00221%	
0	50.00%	1,081	0.02601%	
-1	1.00%	22	0.00052%	
0 -1 -7 -8	0.06%	1	0.00003%	
-8	50.00%	1,081	0.02601%	
				Non-MSDS Component

Summary of Changes

Lease Name and Number: Bartender 4

API/Permit #: 15-007-24271-00-00

Doc ID: 1315959

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved By	NAOMI JAMES	Karen Ritter
Approved Date	05/19/2015	09/01/2016
Date of First or Resumed Production or		8/1/2015
SWD or Enhr Fracturing Question 1	No	Yes
Fracturing Question 2		Yes
Fracturing Question 3		No
Liner Run?		No
Method Of Completion - Perf	No	Yes
Perf_Depth_1		4898
Perf_Material_1		2600 gal 7.5 % MCA, Frac w/ 275,400 # sd, 463,375 gal Fluid

Summary of changes for correction 1 continued

Field Name	Previous Value	New Value
Perf_Record_1		4846 - 4898
Perf_Shots_1		2
Producing Method Pumping	No	Yes
Production Interval #1		4846-4898
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 51245	//kcc/detail/operatorE ditDetail.cfm?docID=13 15959 4591
Tubing Set At		
Tubing Size		2.8750

Summary of Attachments

Lease Name and Number: Bartender 4 API: 15-007-24271-00-00 Doc ID: 1315959 Correction Number: 1 Attachment Name

Bartender4 Frac Fluids disclosure