Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 3532
Name: CMX, Inc.
Address 1: 1700 N WATERFRONT PKWY BLDG 300B
Address 2:
City: WICHITA State: KS Zip: 67206 + _ _ _ _
Contact Person: Leah Kasten
Phone: (316) 269-9052
CONTRACTOR: License # 5929
Name: Duke Drilling Co., Inc.
Wellsite Geologist: Leah Kasten
Purchaser:

Designate Type of Completion:
☐ New Well ☑ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☑ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator: TXO Production Corp
Well Name: McMannis #1
Original Comp. Date: 8/29/1985 Original Total Depth: 4545
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☑ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

10/13/2017	10/14/2017	11/17/2017
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-151-21675-00-01
Spot Description:
_ - S2 - N2 - NE Sec. 25 Twp. 26 S. R. 14 ☐ East ☑ West
4290 Feet from ☐ North / ☑ South Line of Section
1320 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: _____ *(e.g. xx.xxxxx)*, Long: _____ *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Pratt
Lease Name: MCMANNIS OWWO Well #: 1-25
Field Name: Jarboe
Producing Formation: Mississippian
Elevation: Ground: 1965 Kelly Bushing: 1974
Total Vertical Depth: 4545 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 345 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)
Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ 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: 01/25/2018
☑ **Confidential Release Date:** 01/25/2020
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 01/26/2018

Page Two

Operator Name: CMX, Inc. Lease Name: MCMANNIS OWWO Well #: 1-25

Sec. 25 Twp. 26 S. R. 14 ☐ East ☑ West County: Pratt

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 Taken ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No

Geologist Report / Mud Logs ☐ Yes ☑ No

List All E. Logs Run:

Cement Bond Log

☑ Log Formation (Top), Depth and Datum ☑ Sample

Name	Top	Datum
Heebner	3633	-1663
Lansing	3812	-1842
Mississippian	4244	-2374
Arbuckle	4532	-2662

CASING RECORD ☑ New ☐ Used
Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	10.4	435	NA	0	NA
Production	7.875	5.5	15.5	4543	AA2	155	NA

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
____ Perforate ____ Protect Casing ____ Plug Back TD ____ Plug Off Zone	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection: 1/5/2018

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*

PRODUCTION INTERVAL:

Top	Bottom
4252	4300

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
2	4252	5268			
2	4284	4300			1500 gal 10% HCl w/ MCA conversion; 3000 gal 7.5% MCA; Frac w 169,400 gal propant, 184,800 gal Fluid

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	CMX, Inc.
Well Name	MCMANNIS OWWO 1-25
Doc ID	1371817

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	10.4	435	NA	0	NA
Production	7.875	5.5	15.5	4543	AA2	155	NA

BASIC ENERGY SERVICES

PAGE	CUST NO	YARD #	INVOICE DATE
1 of 1	1000793	1718	10/16/2017

INVOICE NUMBER
92544859

Pratt (620) 672-1201

BILL TO
CMX INC
1700 N WATERFRONT PKWY BLDG 300 STE B
WICHITA
KS US 67206
ATTN: ACCOUNTS PAYABLE

JOB SITE

LEASE NAME	McMannis OWWO #1-25
LOCATION	
COUNTY	Pratt
STATE	KS
JOB DESCRIPTION	Cement-New Well Casing/Pi
JOB CONTACT	

JOB #	EQUIPMENT #	PURCHASE ORDER NO.	TERMS	DUE DATE
41062822	19843		Net - 30 days	11/15/2017

For Service Dates: 10/14/2017 to 10/14/2017

0041062822

171815481A Cement-New Well Casing/Pi 10/14/2017
Cement-5 1/2" Longstring

	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
AA2 Cement	155.00	EA	9.35	1,449.25 T
60/40 POZ	50.00	EA	6.60	330.00 T
Cement Gel	84.00	EA	0.14	11.55 T
Celloflake	39.00	EA	2.03	79.36 T
C-41P	37.00	EA	2.20	81.40 T
Salt	827.00	EA	0.27	227.42 T
Gypsum	730.00	EA	0.41	301.12 T
Mag Chem 10CR	438.00	EA	1.49	650.43 T
FLA-322	117.00	EA	4.12	482.62 T
Gilsonite	776.00	EA	0.37	285.96 T
"Auto Fill Float Shoe 5 1/2"" (Blue)"	1.00	EA	198.00	198.00
"Latch Down Plug & Baffle, 5 1/2"" (Blu	1.00	EA	220.00	220.00
"5 1/2"" Basket (Blue)"	1.00	EA	159.50	159.50
"Turbolizer, 5 1/2"" (Blue)"	8.00	EA	60.50	484.00
Mud Flush	1,000.00	EA	0.83	825.00 T
"Unit Mileage Chg (PU, cars one way)"	10.00	MI	2.48	24.75
Heavy Equipment Mileage	20.00	MI	4.13	82.50
Proppant & Bulk Del. Chgs., per ton mil	94.00	EA	1.38	129.25
Depth Charge; 4001'-5000'	1.00	EA	1,386.00	1,386.00
Blending & Mixing Service Charge	205.00	BAG	0.77	157.85
Plug Container Util. Chg.	1.00	EA	137.50	137.50
"Service Supervisor, first 8 hrs on loc.	1.00	EA	96.27	96.27

PLEASE REMIT TO:
BASIC ENERGY SERVICES,LP
PO BOX 841903
DALLAS,TX 75284-1903

SEND OTHER CORRESPONDENCE TO:
BASIC ENERGY SERVICES,LP
801 CHERRY ST, STE 2100
FORT WORTH, TX 76102

SUB TOTAL	7,799.73
TAX	389.74
INVOICE TOTAL	8,189.47

JJ MH: 30

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

25-26S-14W

FIELD SERVICE TICKET
1718 15481 A

DATE TICKET NO.

DATE OF JOB 10/14/2017 DISTRICT Pratt, KS	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER CMX ~~Oil & Gas Exploration~~ Inc	LEASE McMenns OWWO WELL NO. 1-25
ADDRESS	COUNTY Pratt STATE KS
CITY STATE	SERVICE CREW Dean, McGisu, Trevino
AUTHORIZED BY	JOB TYPE: 2421 5½ Longstring

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS
19843	3/4				
19918	1/4				

	DATE	AM PM	TIME
TRUCK CALLED	10/14	AM PM	2:30
ARRIVED AT JOB	10/14	AM PM	5:00
START OPERATION	10/14	AM PM	11:00
FINISH OPERATION	10/14	AM PM	11:45
RELEASED	10/14	AM PM	12:30
MILES FROM STATION TO WELL	12		

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: [signature]
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT
CP105	AA2 Cement	SK	155		2,635 00
CP103	60/40 POZ	SK	50		600 00
CC200	Cement-Gel	Lb	84		21 00
CC102	Cellofleke	Lb	39		144 30
CC105	C-41P	Lb	37		148 00
CC111	Salt	Lb	827		413 50
CC113	Gypsum	Lb	730		547 50
CC116	Mag Chem 10GR	Lb	438		1,182 60
CC129	FLA-322	Lb	117		877 50
CC201	Gilsonite	Lb	776		519 92
CF1251	Auto Fill Float Shoe 5½" (Blue)	Ea	1		360 00
CF607	Latch Down Plug & Baffle, 5½" (Blue)	Ea	1		400 00
CF1901	5½" Basket (Blue)	Ea	1		290 00
CF1651	Turbolizer, 5½" (Blue)	Ea	8		880 00
CC151	Mud Flush	Gal	1,000		1,500 00
E100	Unit Mileage Charge - Pickups, Small Vans & Cars	mi	10		45 00
E101	Heavy Equipment Mileage	mi	20		150 00
E113	Proppant & Bulk Delivery Charges, per ton mile	TNM	94		235 00

SUB TOTAL

CHEMICAL / ACID DATA:			

SERVICE & EQUIPMENT	%TAX ON $	
MATERIALS	%TAX ON $	
	TOTAL	

JJM

SERVICE REPRESENTATIVE [signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: [signature]
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASIC ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201

25-26s-14w

FIELD SERVICE TICKET

1718 ~~15482 A~~
Continuation 15481

DATE TICKET NO.

DATE OF JOB 10/14/2017 DISTRICT Pratt, KS	NEW WELL ☒ OLD WELL ☐ PROD ☐ INJ ☐ WDW ☐ CUSTOMER ORDER NO.:
CUSTOMER Cmx, Inc ~~Oil & Gas Exploration~~	LEASE McMenn's OWWO WELL NO. 1-25
ADDRESS	COUNTY Pratt STATE KS
CITY STATE	SERVICE CREW Darin, McGraw
AUTHORIZED BY	JOB TYPE: 2421 5½ Long string

EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS

	DATE	AM PM	TIME
TRUCK CALLED			
ARRIVED AT JOB		AM PM	
START OPERATION		AM PM	
FINISH OPERATION		AM PM	
RELEASED		AM PM	
MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).
The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED: Scott Burt
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES USED	UNIT	QUANTITY	UNIT PRICE	$ AMOUNT	
CE205	Depth Charge; 4,001'-5,000'	4hrs	1		2,520	00
CE240	Blending & mixing Service Charge	SK	205		287	00
CE504	Plug Container utilization Charge	Job	1		250	00
S003	Service Supervisor, first 8 hrs on Loc.	Eg	1		175	00
				SUB TOTAL	14,181	32
				SERVICE & EQUIPMENT %TAX ON $		
				MATERIALS %TAX ON $		
				Discount TOTAL	7,799	73

CHEMICAL / ACID DATA:			

SERVICE REPRESENTATIVE Steve Fuson

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: Scott Burt
(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIELD SERVICE ORDER NO.

BASiC energy services, L.P.

TREATMENT REPORT

Customer: CMX, Inc ~~Bill Gas Exploration~~	Lease No.	Date: 10/14/2017	
Lease: McMahon OWWO	Well #: 1-25		
Field Order #: 15481	Station: Pratt, KS	Casing: 5 1/2	Depth: 4550'
County: Pratt	State: KS		
Type Job: 2 42/ 5 1/2 Longstring	Formation: TD-4545	Legal Description: 25-26s-14w	

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size: 5 1/2	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth: 4550'	Depth	From	To	Pre Pad	Max		5 Min.
Volume: 108.5	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth: 4500	Packer Depth	From	To	Flush: Freshwater	Gas Volume		Total Load

Customer Representative: Keith	Station Manager: Justin Westermen	Treater: Devin Franklin

Service Units	92911	84981	19843	19959	19918						
Driver Names	Devin	McGraw	McGraw								

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
5:00pm					On Location / Safety Meeting
					T-1, 3, 5, 7, 9, 11, 13, 15 B-2
					155 sk AA2 cement, 10% Gypsum, 10% Salt
					3% SCS block, 0.8% fluid loss, 5 pps Silsonite
					0.25 pps defoamer, 0.25 pps Celloflake
					14.8 ppg, 1.54 yield, 6.39 water
					50 sk 60/40 Poz, 4% Gel
					13.78 ppg, 1.43 yield, 6.92 water
11:00pm	400		3	5	Pump 3 bbls water
	400		24	5	Pump 24 bbls Flush
	400		3	5	Pump 3 bbls water
	400		43	5	mix 155 sk AA2
					Shut down
					Wash Pump & lines & Release Plug
	200		0	6	Start displacement
	600		70	6	Lift Pressure
	700		97	3	Slow Rate
11:45	1500		104	3	Bump Plug
					Float - Held
	50		7	3	Plug Rat hole
12:00pm					~~Plug mouse hole~~ Job Complete

Fracture Start Date/Time:	11/9/17 10:44
Fracture End Date/Time:	11/9/17 12:26
State:	Kansas
County:	Pratt
API Number:	15-151-21675-0001
Operator Number:	CMX
Well Name:	McMannis #1-25
Federal Well:	Yes
Tribal Well:	No
Longitude:	-98.7900347
Latitude:	37.7600347
Long/Lat Projection:	NAD27
True Vertical Depth (TVD):	4,545'
Total Clean Fluid Volume* (gal):	192,444

(e.g. XX-XXX-XXXXX-0000)

Ingredients Section:

Trade Name	Supplier	Purpose	Ingredients
Water	Operator	Carrier/Base Fluid	Water
Sand	Superior Silica Sand	Proppant	Crystalline Silica in the form of quartz
Plexcide P5	Chemplex	Biocide	Methanol
Plexcide P5	Chemplex	Biocide	Tributyl Tetradecyl Phosphonium Chloride
Plexsurf 580 ME	Chemplex	Surfactant	Diathanolamone
Plexsurf 580 ME	Chemplex	Surfactant	Ethylene glycol monobutyl ether
Plexsurf 580 ME	Chemplex	Surfactant	Methanol
Plexsurf 580 ME	Chemplex	Surfactant	Oleamide Dielhanolamide
Plexsurf 580 ME	Chemplex	Surfactant	D-limonene
Plexgel 907L-EB	Chemplex	Gelling Agent	Guar Gum
Plexgel 907L-EB	Chemplex	Gelling Agent	Distillates (petroleum), Hydrotreated Light
Plexslick 957	Chemplex	Friction Reducer	Distillates (petroleum), Hydrotreated Light
Plexgel XPA	Chemplex	Breaker	Hydrogen Peroxide
Clayplex 650	Chemplex	Clay Control	Calcium Chloride

*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

Additive	*Specific Gravity*	*Additive Quantity*	*Mass (lbs)*	
WATER	1.00	**192,444**	***1,605,945***	*gal*
Sand	2.65	**169,400**	***169,400***	*lb*
Plexcide P5	0.96	**20**	***160***	*gal*
Plexcide P5	0.96	**20**	***160***	*gal*
Plexsurf 580 ME	0.95	**47**	***373***	*gal*
Plexsurf 580 ME	0.95	**47**	***373***	*gal*
Plexsurf 580 ME	0.95	**47**	***373***	*gal*
Plexsurf 580 ME	0.95	**47**	***373***	*gal*
Plexsurf 580 ME	0.95	**47**	***373***	*gal*
Plexgel 907L-EB	1.02	**164**	***1,396***	*gal*
Plexgel 907L-EB	1.02	**164**	***1,396***	*gal*
Plexslick 957	1.02	**118**	***1,004***	*gal*
Plexgel XPA	1.03	**31**	***266***	*gal*
Clayplex 650	1.15	**93**	***892***	*gal*
				gal
				gal
				gal
				gal
				gal
			Total Slurry Mass (Lbs) ***1,782,484***	

Chemical Abstract Service Number (CAS #)	Maximum Ingredient Concentration in Additive (% by mass)**	Mass per Component (LBS)	Maximum Ingredient Concentration in HF Fluid (% by mass)**	Comments	Claimant Company
7732-18-5	100.00%	*1,605,945*	*90.09591%*		
14808-60-7	100.00%	*169,400*	*9.50359%*		
67-56-1	20.00%	*32*	*0.00180%*		
81741-28-8	1.00%	*2*	*0.00009%*		
111-42-2	1.00%	*4*	*0.00021%*		
111-76-2	40.00%	*149*	*0.00836%*		
67-56-1	2.00%	*7*	*0.00042%*		
61790-66-7	1.00%	*4*	*0.00021%*		
5989-27-5	1.00%	*4*	*0.00021%*		
9000-30-0	35.00%	*489*	*0.02741%*		
64742-47-8	35.00%	*489*	*0.02741%*		
64742-47-8	14.00%	*141*	*0.00789%*		
7722-84-1	8.00%	*21*	*0.00120%*		
10043-52-4	1.00%	*9*	*0.00050%*		

Claimant First Name	Claimant Last Name	Claimant Email	Claimant Phone (nnn-nnn-nnnn)