CORRECTION #1 [redacted]

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1251585

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 # 32834
Name: JTC Oil, Inc.
Address 1: 35790 PLUM CREEK RD
Address 2:
City: OSAWATOMIE State: KS Zip: 66064 + __ __ __ __
Contact Person: TOM CAIN
Phone: (913) 755-2959
CONTRACTOR: License # 32834
Name: JTC Oil, Inc.
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover

☐ 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:
Well Name:
Original Comp. Date: Original Total Depth:

☐ Deepening ☐ Re-perf. ☐ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

02/24/2015 Spud Date or Recompletion Date
02/25/2015 Date Reached TD
02/27/2015 Completion Date or Recompletion Date

API No. 15 - 15-059-26904-00-00
Spot Description:
__ - SW - NE - NW Sec. 33 Twp. 17 S. R. 21 ☑ East ☐ West
990 Feet from ☑ North / ☐ South Line of Section
1650 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: Franklin
Lease Name: Chase Well #: I-19
Field Name:
Producing Formation: SQUIRREL
Elevation: Ground: 918 Kelly Bushing: 921
Total Vertical Depth: 700 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 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: 1200 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

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: 03/11/2015
☑ **Confidential Release Date:** 03/10/2017
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 05/05/2015

CORRECTION #1

Page Two

[redacted]

1251585

Operator Name: JTC Oil, Inc. Lease Name: Chase Well #: I-19

Sec. 33 Twp. 17 S. R. 21 ☑ East ☐ West County: Franklin

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

List All E. Logs Run:

GAMMA
NEUTRON
CCL

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

Name	Top	Datum
SQUIRREL	SURFACE	SURFACE

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	9	7	10	20	PORTLAND	5	OWC
Production	5.625	2.875	8	692	PORTLAND	108	OWC

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 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)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)*	Depth

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. 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)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Form	ACO1 - Well Completion
Operator	JTC Oil, Inc.
Well Name	Chase I-19
Doc ID	1251585

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	9	7	10	20	PORTLAND	5	OWC
Production	5.625	2.875	8	692	PORTLAND	108	OWC

Summary of Changes

Lease Name and Number: Chase I-19

API/Permit #: 15-059-26904-00-00

Doc ID: 1251585

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	03/12/2015	05/05/2015
Electric Log Run?	No	Yes
Elogs_PDF		GAMMA NEUTRON
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1245403	../../kcc/detail/operatorEditDetail.cfm?docID=1251585

Confidentiality Requested:
☑ Yes ☐ No

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1245403

Form ACO-1
August 2013
Form must be Typed
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WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

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Address 2:
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Contact Person: TOM CAIN
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☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator:
Well Name:
Original Comp. Date: Original Total Depth:

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☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

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

02/24/2015	02/25/2015	02/27/2015
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-26904-00-00
Spot Description:
__ - SW - NE - NW Sec. 33 Twp. 17 S. R. 21 ☑ East ☐ West
990 Feet from ☑ North / ☐ South Line of Section
1650 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: Franklin
Lease Name: Chase Well #: I-19
Field Name:
Producing Formation: SQUIRREL
Elevation: Ground: 918 Kelly Bushing: 921
Total Vertical Depth: 700 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 20 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: 1200 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

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: 03/11/2015
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 03/12/2015

Operator Name: JTC Oil, Inc. Lease Name: Chase Well #: I-19

Sec. 33 Twp. 17 S. R. 21 ☑ East ☐ West County: Franklin

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 *(Attach Additional Sheets)*	☐ Yes	☑ No	
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:

GAMMA
NEUTRON
CCL

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

Name	Top	Datum
SQUIRREL	SURFACE	SURFACE

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	9	7	10	20	PORTLAND	5	OWC
Production	5.625	2.875	8	692	PORTLAND	108	OWC

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:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

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)*

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	JTC Oil, Inc.
Well Name	Chase I-19
Doc ID	1245403

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	9	7	10	20	PORTLAND	5	OWC
Production	5.625	2.875	8	692	PORTLAND	108	OWC

Operator License #	32834	API #	15-059-26904-00-00
Operator	JTC Oil, Inc.	Lease Name	Chase
Address	35790 Plum Creek Road	Well #	I-19
City	Osawatomie, KS 66064		
Contractor	JTC Oil, Inc.	Spud Date	2/24/2015
Contractor License #	32834	Cement Date	2/27/2015
T.D.	700'	Location	Sec 33 T 17 S R 21 E
T.D. of pipe	692'		990 feet from N line
Surface pipe size	7"		1650 feet from W line
Surface pipe depth	20'	County	Franklin
Well Type	Injection		

Driller's Log

Thickness	Strata	From	To	
2	soil	0	2	
14	clay	2	16	
46	shale	16	62	
17	lime	62	79	
29	shale	79	108	
5	lime	108	113	
37	shale	113	150	
17	lime	150	167	
9	shale	167	176	
27	lime	176	203	
9	coal	203	212	
21	lime	212	233	
5	coal	233	238	
12	lime	238	250	
154	shale	250	404	
13	lime	404	417	
50	shale	417	467	
5	lime	467	472	
10	shale	472	482	
2	lime	482	484	
12	black shale	484	496	
3	lime	496	499	
17	shale	499	516	
2	lime oil	516	518	ok
3	lime oil	518	521	good
2	lime oil	521	523	good
34	shale	523	557	
37	black shale	557	594	
2	sandy	594	596	
2	sandy	596	598	
2	sandy	598	600	
44	shale	600	644	
2	oil sand	644	646	broken
2	oil sand	646	648	ok

42	black shale	648	690
10	shale	690	700

250 N. Water, Ste 200 - Wichita, Ks 67202

HURRICANE SERVICES INC

104 Prairie Plaza Parkway - Garnett, Ks 66032

Customer	JTC				Customer Name:			Ticket No.:	50531
Address:					AFE No.:			Date:	2/27/2015
City, State, Zip:					Job type	Cement Longstring (new well)			
Service District:					Well Details:	2 7/8 casing @ 700 ... 5 7/8 hole @ 720			
Well name & No.	Chase I-19				Well Location:		County: Franklin	State:	Kansas

Equipment #	Driver	Equipment #	Driver	Equipment #	Hours		TIME
26	Joe	extra	Tyler			TRUCK CALLED	AM PM
231	Tom					ARRIVED AT JOB	AM PM
242	Troy					START OPERATION	AM PM
108	Jeff					FINISH OPERATION	AM PM
111	Rick					RELEASED	AM PM
						MILES FROM STATION TO WELL	

Treatment Summary

Hooked onto 2 7/8 casing and achieved circulation.. Pumped 17 bbl gel sweep followed by 17 bbl water spacer and 108 sks of OWC cement.. Flushed pump and pumped plug to bottom and set float shoe.. M.I.T at 850 psi... 6 bbl slurry to pit

Product/Service Code	Description	Unit of Measure	Quantity	List Price/Unit	Gross Amount	Item Discount	Net Amount
c00101	Heavy Equip. One Way	mi	15.00	$3.25	$48.75	10.00%	$43.88
c00102	Light Equip. One Way	mi	15.00	$1.50	$22.50	10.00%	$20.25
c23103	Cement Pump (Multiple wells)	ea	1.00	$675.00	$675.00	10.00%	$607.50
p01605	O.W.C. Cement	sack	108.00	$17.95	$1,938.60	25.00%	$1,453.95
p01607	Bentonite Gel	lb	200.00	$0.30	$60.00	25.00%	$45.00
p01631	Rubber 2 7/8	ea	1.00	$25.00	$25.00	10.00%	$22.50
p02000	H2O	gal	4,600.00	$0.01	$59.80		
c10800	Vacuum Truck 80 bbl	ea	2.00	$84.00	$168.00	10.00%	$151.20
c11000	Vacuum Truck 80 bbl	ea	2.00	$84.00	$168.00	10.00%	$151.20
c24201	Cement Bulk Truck - Minimum	ea	1.00	$300.00	$300.00	50.00%	$150.00

TERMS: Cash in advance unless Hurricane Services Inc has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts may pay interest on the balance past due at the rate of 1 ½% per month or the maximum allowable by applicable state or federal laws if such laws limit interest to a lesser amount. In the event it is necessary to employ an agency and/or attorney to affect the collection of said account, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any and all discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount will become immediately due and owing and subject to collection.

X_____

CUSTOMER AUTHORIZED AGENT

		Gross:	$ 3,465.65	Net:	$ 2,645.48
Total Taxable	$ -			Tax Rate:	7.650%
Frac and Acid service treatments designed with intent to increase production on newly drilled or existing wells are not taxable.				Sale Tax:	$ -
				Total:	$ 2,645.48

Date of Service: 2/27/2015

HSI Representative: Joe Blanchard

Customer Representative: Curtis

Customer Comments or Concerns:

Hurricane Services appreciates any Comments, Concerns or Criticism's from our valuable customers as Safety and Customer Satisfaction are our Number 1 goal.
All Comments are confidential and will be used in a constructive manner to improve our Safety and Job Performance.