Confidentiality Requested:

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1215625

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 North / South Line of Section
City: State: Zip:+	Feet from Deast / 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:
	Producing Formation:
	Elevation: Ground: Kelly Bushing:
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:
GG GSW Temp. Abd.	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to SWD	Defilier Field Management Dise
Plug Back Conv. to GSW Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date or Date Reached TD Completion Date or Recompletion Date Recompletion Date	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

1215625

Operator Na	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 (Attach Additional		Yes No			-	tion (Top), Depth a			ample
Samples Sent to Geo	logical Survey	Yes No		Nam	e		Тор	D	atum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No							
List All E. Logs Run:									
		CASING Report all strings set-	RECORD	Ne		ction, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs. /		Setting Depth	Type of Cement	# Sacks Used	Type a Ad	nd Percent Iditives
		ADDITIONA		IG / SQU	JEEZE RECOR	D			
Purpose: Perforate Protect Casing	Depth Top Bottom	Type of Cement	# Sacks	Used		Type and F	Percent Additives		
Plug Back TD Plug Off Zone									
	otal base fluid of the hydr	n this well? raulic fracturing treatment e n submitted to the chemical		0	Yes Yes	No (If No, sk	ip questions 2 an ip question 3) l out Page Three		-1)
Shots Per Foot	PERFORATIO Specify F	ON RECORD - Bridge Plug ootage of Each Interval Pe	gs Set/Type rforated			acture, Shot, Cemen Amount and Kind of Ma		k	Depth

Per 24 Hours	2010.	Guo	With	Hator	2010.		Churry
DISPOSITION OF GAS:			METHOD	OF COMPLETION:		PRODUCTION I	NTERVAL:
Vented Sold Used on	Lease	Open Hole	Perf.	Dually Comp.	Commingled		
(If vented, Submit ACO-18.)				(Submit ACO-5)	(Submit ACO-4)		
(in verned, Sublinit ACC-18.)		Other (Specif	y)				

Packer At:

Pumping

Mcf

Producing Method: Flowing

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	Kansas City Oil, LLC
Well Name	KU 14
Doc ID	1215625

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	20	Portland	5	50/50 POZ
Completio n	5.6250	2.8750	8	420	Portland	65	50/50 POZ

	Operator Licens	e #	35069		API #		15-121-304	49-00-00)
	Operator		Kansas City Oil, I	LC	Lease Nam	ne	KU		
	Address		9525 Lime Stone	e Road	Well #		14		
	City		Parkville, MO 64	4152					
	Contractor		JTC Oil, Inc.		Spud Date		6/3/2014		
	Contractor Licer	ise #	32834		Cement D	ate			
	T.D.		440		Location		Sec 23	T 18	R 22
	T.D. of pipe		417			330	feet from	S	line
	Surface pipe size	9	7"			930	feet from	W	line
	Surface pipe der	oth	20'		County		Miamio		
	Well Type		Injection						
	C)riller's	Log						
Thickness	Strata		From	То					
10	dirt		0	10					
21	lime		10	31					
27	shale		31	58					
6	lime		58	64					
40	shale		64	104					
11	lime		104	115					
9	shale		115	124					
31	lime		124	155					
5	shale		155	160					
25	lime		160	185					
3	shale		185	188					
15	lime		188	203					
140	shale		203	343					
1	top sand		343	344	ok				
2	top sand		344	346					
2	top sand		346	348					
2	top sand		348	350					
2	top sand		350	352					
2	top sand		352	354					
2	top sand		354	356					
2	good		356	358					
2	very good		358	360					
3	end sand		360	363					
17	lime		363	380					
5	lime oil		380	385					
45	shale		385	430					
10	lime		430	440					

Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765



Ticket Number <u>100459</u> Location Foreman <u>Durame</u> Loure/Joe

Cement Service ticket Well Name & Number Sec./Township/Range County Customer # Date, FF U 114 4 KU Leese 23-18-22 Miami Mailing Address Customer City State Zip Parkville 9525 Limestone Rd 64152 unsas city oil Mo Truck # Job Type: Driver Cosing TD 400 ' Casing Size: 24 Tom/ Alex Hole Size: Ce 12 230 Displacement: Amos / Dans Scott 2.3 BB1 242 **Displacement PSI:** Hole Depth: 410 Casing Weight: 110 Cement Left in Casing: Ó Bridge Plug: Tubing: 111 TYLOUT PBTD: Packer: 25 DWWWAR 675 00 **Quantity Or Units Description of Servcies or Product** Pump charge 23 mi PUMD \$3.25/Mile Mileage Cement 230 NC 23 mi Forman Ru. 25 1. 5 mi NC 78000 65 60/40 Poz mix 0°-SK Sucks χ 33 60 112 Prem Gel 2% .30 16 x Lbs 30 00 Flush 100 665 Pren Gel 30 16 34 5400 14.25 CElloFlake 2.15 12 165 52 00 1.3 K Gal Water 4000 gal 168 00 84 50 kr Water TRuck 2 110 hr 168 00 84 = 40 2 Water TRuck hr 111 300 00 Charge \$1.15/Mile 2.8 242 Tons **Bulk Truck** MiniMum 2500 2500 2六 Rubber Plug Plugs 2266 54 Subtotal 82 65 Sales Tax Estimated Total 2349 19 EStablish Circulation Rumo Hook onto and 5 BRA Remarks: Casing Pad and Start Cement Pump

Gel Flush Followed By 15 BBrl Pad and Stort Cement Pump 65 Sacks of Cement, Stop and Flush Pump then pump wifer Pluy To Rottom and Shot In 800 PSI!

(Rev. 1-2011)

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Customer Signature

Summary of Changes

Lease Name and Number: KU 14

API/Permit #: 15-121-30449-00-00

Doc ID: 1215625

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
CasingSettingDepthPD F_2	65	420
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 10667	//kcc/detail/operatorE ditDetail.cfm?docID=12 15625

Summary of Attachments

Lease Name and Number: KU 14 API: 15-121-30449-00-00 Doc ID: 1215625 Correction Number: 1 Attachment Name

Cement Ticket/Drillers Log



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1210667

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

	OIL & GAS CONSERVATION DIVISION
CONFIDENTIAL	WELL COMPLETION FORM
	HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	
Address 1:	S. R East West
Address 2:	Feet from Direction South Line of Section
City: State: Zip:	+ Feet from Deast / Dest Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
	kover
	Producing Formation:
	SIOW Elevation: Ground: Kelly Bushing:
	SIGW Total Vertical Depth: Plug Back Total Depth:
	Temp. Abd. Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	
Well Name:	
Original Comp. Date: Original Total Deptl	
Deepening Re-perf. Conv. to ENHR	
Plug Back Conv. to GSW	Conv. to Producer
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	
ENHR Permit #:	
GSW Permit #:	
	Lease Name: License #:
Spud Date or Date Reached TD Comple	etion Date or Quarter Sec. Twp. S. R. East West
Recompletion Date Recom	pletion Date 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:

KOLAR Document ID: 1210667

Operator Name:				Lease Name:	Well #:
Sec	Twp	S. R	East West	County:	

Page Two

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)		Y	′es 🗌 No		Log Formation (Top), Depth and Datum			Sample		
			⁄es 🗌 No	1	Name	Э		Тор	Datum	
Samples Sent to Geological Survey Cores Taken Electric Log Run Geologist Report / Mud Logs List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No							
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on, etc.			
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives	
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD				
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Used		Type and Percent Additives				
Protect Casing Plug Back TD Plug Off Zone										
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three		
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	ction/ Producing Method:			g Gas Lift Other (<i>Explain</i>)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water Bbls. Gas-Oil Ratio G					
DISPOSITIO	N OF GAS:		METHOD OF			TION:		PRODUCTION INTERVAL: Top Bottom		
Vented Sold Used on Lease (If vented, Submit ACO-18.)			Open Hole Perf.		Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)		•			
	foration Perform Top Botto		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:						

Form	ACO1 - Well Completion
Operator	Kansas City Oil, LLC
Well Name	KU 14
Doc ID	1210667

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
2	344-364	2" DML RTG	30

Form	ACO1 - Well Completion				
Operator	Kansas City Oil, LLC				
Well Name	KU 14				
Doc ID	1210667				

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9	7	10	20	Portland	5	50/50 POZ
Completio n	5.6250	2.8750	8	65	Portland	65	50/50 POZ

	Operator Licens	e #	35069		API #		15-121-30449-00-00			
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	Address		9525 Lime Stone Road		Well #		14			
	City		Parkville, MO 64152							
	Contractor		JTC Oil, Inc.		Spud Date		6/3/2014			
	Contractor Licer	ise #	32834		Cement Date					
	T.D.		440		Location		Sec 23	T 18	R 22	
	T.D. of pipe		417			330	feet from	S	line	
	Surface pipe size	9	7"			930	feet from	W	line	
	Surface pipe der	oth	20'		County		Miamio			
	Well Type		Injection		·					
	C)riller's	Log							
Thickness	Strata		From	То						
10	dirt		0	10						
21	lime		10	31						
27	shale		31	58						
6	lime		58	64						
40	shale		64	104						
11	lime		104	115						
9	shale		115	124						
31	lime		124	155						
5	shale		155	160						
25	lime		160	185						
3	shale		185	188						
15	lime		188	203						
140	shale		203	343						
1	top sand		343	344	ok					
2	top sand		344	346						
2	top sand		346	348						
2	top sand		348	350						
2	top sand		350	352						
2	top sand		352	354						
2	top sand		354	356						
2	good		356	358						
2	very good		358	360						
3	end sand		360	363						
17	lime		363	380						
5	lime oil		380	385						
45	shale		385	430						
10	lime		430 440							

Hurricane Services, Inc. 3613 A Y Road Madison, KS 66860 Office # 620-437-2661 Brad Cell # 620-437-6765



Ticket Number 100459 Location Foreman Durine Loure Joe

Cement Service ticket Well Name & Number Sec./Township/Range County Customer # Date, FF U 114 4 KU Leese 23-18-22 Miami Mailing Address Customer City State Zip Parkville 9525 Limestone Rd 64152 unsas city oil Mo Truck # Job Type: Driver Cosing TD 400 ' Casing Size: 24 Tom/ Alex Hole Size: Ce 12 230 Displacement: Amos / Dans Scott 2.3 BB1 242 **Displacement PSI:** Hole Depth: 410 Casing Weight: 110 Cement Left in Casing: Ó Bridge Plug: Tubing: 111 TYLOUT PBTD: Packer: 25 DWWWAR 675 00 **Quantity Or Units Description of Servcies or Product** Pump charge 23 mi PUMD \$3.25/Mile Mileage Cement 230 NC 23 mi Forman Ru. 25 1. 5 mi NC 78000 65 60/40 Poz mix 0°-SK Sucks χ 33 60 112 Prem Gel 2% .30 16 x Lbs 30 00 Flush 100 665 Pren Gel 30 16 34 5400 14.25 CElloFlake 2.15 12 165 52 00 1.3 K Gal Water 4000 gal 168 00 84 50 kr Water TRuck 2 110 hr 168 00 84 = 40 2 Water TRuck hr 111 300 00 Charge \$1.15/Mile 2.8 242 Tons **Bulk Truck** MiniMum 2500 2500 2六 Rubber Plug Plugs 2266 54 Subtotal 82 65 Sales Tax Estimated Total 2349 19 EStablish Circulation Rumo Hook onto and 5 BRA Remarks: Casing Pad and Start Cement Pump

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(Rev. 1-2011)

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Customer Signature