KOLAR Document ID: 1348396

CORRECTION #1

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 # 32116
Name: R.T. Enterprises of Kansas, Inc.
Address 1: 120 SHORELINE DR
Address 2:
City: LOUISBURG State: KS Zip: 66053 + __ __ __ __
Contact Person: Lance Town
Phone: (913) 710-5400
CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: NA
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:
Well Name:
Original Comp. Date: Original Total Depth:

☐ 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 #:

8/18/2016 Spud Date or Recompletion Date
8/19/2016 Date Reached TD
8/19/2016 Completion Date or Recompletion Date

API No.: 15-059-27111-00-00
Spot Description:
SW - SE - SW - NW Sec. 8 Twp. 16 S. R. 21 ☑ East ☐ West
2805 Feet from ☐ North / ☑ South Line of Section
4455 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: SOUTH FIEHLER Well #: 3
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 972 Kelly Bushing: 0
Total Vertical Depth: 760 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 21 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: 1500 ppm Fluid volume: 20 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: 09/06/2016
☑ **Confidential Release Date:** 09/06/2018
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 03/15/2017

CORRECTION #1

Page Two

KOLAR Document ID: 1348396

Operator Name: R.T. Enterprises of Kansas, Inc. Lease Name: SOUTH FIEHLER Well #: 3

Sec. 8 Twp. 16 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	☐ Log	Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☐ Yes	☑ No	Name: GammaRay	Top: 20 Datum: GL
Cores Taken	☐ Yes	☑ No		
Electric Log Run	☑ Yes	☐ No		
Geologist Report / Mud Logs	☐ Yes	☐ No		

List All E. Logs Run:

GammaRay/Neutron/CCL

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	21	Portland	3	50/50 POZ
Production	5.625	2.875	8	738	Portland	132	50/50 POZ

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: 8/19/2016	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	R.T. Enterprises of Kansas, Inc.
Well Name	SOUTH FIEHLER 3
Doc ID	1348396

Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
3	668-654	2" DML RTG	14

Form	ACO1 - Well Completion
Operator	R.T. Enterprises of Kansas, Inc.
Well Name	SOUTH FIEHLER 3
Doc ID	1348396

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	21	Portland	3	50/50 POZ
Production	5.625	2.875	8	738	Portland	132	50/50 POZ

Summary of Changes

Lease Name and Number: SOUTH FIEHLER 3

API/Permit #: 15-059-27111-00-00

Doc ID: 1348396

Correction Number: 1

Approved By: Karen Ritter

Field Name	Previous Value	New Value
Approved Date	09/13/2016	03/15/2017
Date of First or Resumed Production or SWD or Enhr		8/19/2016
Producing Method Pumping	No	Yes
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1315171	../../kcc/detail/operatorEditDetail.cfm?docID=1348396

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1315171

Form ACO-1
August 2013
Form must be Typed
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CONFIDENTIAL

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WELL HISTORY - DESCRIPTION OF WELL & LEASE

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CONTRACTOR: License # 33715
Name: Town Oilfield Service
Wellsite Geologist: NA
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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)*
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☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

8/18/2016	8/19/2016	8/19/2016
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-27111-00-00
Spot Description:
SW SE SW NW Sec. 8 Twp. 16 S. R. 21 ☑ East ☐ West
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County: Franklin
Lease Name: SOUTH FIEHLER Well #: 3
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 972 Kelly Bushing: 0
Total Vertical Depth: 760 Plug Back Total Depth:
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(Data must be collected from the Reserve Pit)

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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: 09/06/2016
☐ **Confidential Release Date:**
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 09/13/2016

Franklin County, KS
Well:S. Fiehler # 3
Lease Owner: R.T.

Town Oilfield Service, Inc.
(913) 294-2125

Commenced Spudding:
8/17/16

WELL LOG

Thickness of Strata	Formation	Total Depth
0-14	Soil-Clay	14
21	Lime	35
7	Shale	42
12	Lime	54
3	Shale	57
22	Lime	79
52	Shale	131
8	Lime	139
18	Sand	157
60	Shale	217
23	Lime	240
27	Shale	267
6	Lime	273
23	Shale	296
5	Lime	301
12	Shale	313
3	Lime	316
15	Shale	331
22	Lime	353
9	Shale	362
22	Lime	384
4	Shale	388
4	Lime	392
4	Shale	396
5	Lime	401
113	Shale	514
12	Sand	526
37	Shale	563
7	Lime	570
9	Shale	579
8	Lime	587
8	Shale	595
4	Lime	599
14	Shale	613
4	Lime	617
5	Shale	622
12	Lime	634
14	Shale	648
1	Lime	649
4	Shale	653

Franklin County, KS
Well:S. Fiehler # 3
Lease Owner: R.T.

Town Oilfield Service, Inc.

(913) 294-2125

Commenced Spudding:
8/17/16

1	Sand	654
7	Sand	661
2	Sandy Lime	663
5	Sand	668
7	Sandy Shale	675
85	Shale	760-TD

Short Cuts

TANK CAPACITY

BBLS. (42 gal.) equals D^2x.14xh
D equals diameter in feet.
h equals height in feet.

BARRELS PER DAY

Multiply gals. per minute x 34.2

HP equals BPH x PSI x .0004
BPH - barrels per hour
PSI - pounds square inch

TO FIGURE PUMP DRIVES

* D - Diameter of Pump Sheave
* d - Diameter of Engine Sheave
SPM - Strokes per minute
RPM - Engine Speed
R - Gear Box Ratio
*C - Shaft Center Distance

D - RPMxd over SPMxR
d - SPMxRxD over RPM
SPM - RPMXD over RxD
R - RPMXD over SPMxD

BELT LENGTH - $2C + 1.57(D + d) + \frac{(D-d)^2}{4C}$

* Need these to figure belt length

TO FIGURE AMPS: $\frac{\text{WATTS}}{\text{VOLTS}}$ = AMPS

746 WATTS equal 1 HP

Log Book

Well No. 3

Farm South Fiehler

KS (State) Franklin (County)

8 (Section) 16 (Township) 21 (Range)

For R. T. Enterprises (Well Owner)

API
15-059-27111

Town Oilfield Services, Inc.
1207 N. 1st East
Louisburg, KS 66053
913-710-5400

South Fichler Farm: Franklin County

KS State; Well No. 3

Elevation 972

Commenced Spuding 8-17 20 16

Finished Drilling 8-18 20 16

Driller's Name Wesley Dollard

Driller's Name

Driller's Name

Tool Dresser's Name Ryan Ward

Tool Dresser's Name

Tool Dresser's Name

Contractor's Name TOS

8 16 21

(Section) (Township) (Range)

Distance from S line, 2805 ft.

Distance from E line, 4455 ft.

3 sacks
8 hrs
5 5/8 borehole
2 7/8 casing

CASING AND TUBING RECORD

10" Set		10" Pulled	
8" Set		8" Pulled	
7 6¾" Set	20	6¼" Pulled	
4" Set		4" Pulled	
2" Set		2" Pulled	

CASING AND TUBING MEASUREMENTS

Feet	In.	Feet	In.	Feet	In.
710.	70	Bottle			
742.	40	Float			
760	TD			2 7/8	
21'		Left surface pipe 9.50 part			

Thickness of Strata	Formation	Total Depth	Remarks
0-14	soil-clay	14	
21	Lime	35	
7	Shale	42	
12	Lime	54	
3	Shale	57	
22	Lime	79	
52	Shale	131	
8	Lime	139	
18	sand	157	no oil
60	Shale	217	
23	Lime	240	
27	Shale	267	some sand - no oil
6	Lime	273	
23	Shale	296	
5	Lime	301	
12	Shale	313	
3	Lime	316	
15	Shale	331	
22	Lime	353	
9	Shale	362	
22	Lime	384	
4	Shale	388	
4	Lime	392	
4	Shale	396	
5	Lime	401	Hertha
113	Shale	514	
12	Sand	526	odor - no oil slow

526

Thickness of Strata	Formation	Total Depth	Remarks
37	Shale	563	
7	Lime	570	
9	Shale	579	
8	Lime	587	
8	Shale	595	
4	Lime	599	
14	Shale	613	
4	Lime	617	
5	Shale	622	
12	Lime	634	
14	Shale	648	
1	Lime	649	
4	Shale	653	
1	Sand	654	no oil
7	Sand	661	mostly solid - ok saturation
2	Sandy Lime	663	no oil
5	Sand	668	broken - great saturation
7	Sandy Shale	675	
85	Shale	760	TD

Town Oilfield Service

P.O Box 339 Louisburg, Ks 66053
913-837-8400

Ticket Number_____
Location_____
Foreman_____

Field Ticket & Treatment Report

Cement

Date	Customer#	Well Name & Number	Section	Township	Range	County
8-19-16	South Fichter	3	8	16	21	FR

Customer	Mailing Address		
	City	State	Zip Code

Job Type long String Hole Size 5 5/8 Hole Depth 760 Casing Size & Weight 2 1/2

Casing Depth 742 Drill Pipe_____ Tubing_____ Other_____

Displacement_____ Displacement PSI_____ Mix PSI_____ Rate_____

Remarks_____

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		600
		Cement Truck		250
		Water Truck		150
	132	Cement	9.25	1221
		Gel		
		Plug		25
			Sales Tax	
			Estimated Total	2246

Authorization_____ Title_____ Date_____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.