

Confidentiality Requested: Received  
 Yes  No

~~Kaborrechanx~~

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

1242652

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

SEP 27 2016

WELL COMPLETION FORM

CONSERVATION DIVISION WICHITA, KS  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: TNT Energy, LLC

Address 1: 28906 ORCHARD RD.

Address 2: \_\_\_\_\_

City: PAOLA State: KS Zip: 66071

Contact Person: Lane Town

Phone: (913) 285-1406

CONTRACTOR: License # 33715

Name: Town Oilfield Service

Wellsite Geologist: N/A

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 #: \_\_\_\_\_

10/17/2014    10/20/2014    2/13/2015  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-059-26821-00-00

Spot Description: \_\_\_\_\_

SW NE SW NE Sec. 32 Twp. 15 S. R. 21  East  West

3505 Feet from  North /  South Line of Section

1810 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE     NW     SE     SW

GPS Location: Lat: \_\_\_\_\_ Long: \_\_\_\_\_

(e.g. xx.xxxxx)

(e.g. -xxx.xxxxx)

Datum:  NAD27     NAD83     WGS84

County: Franklin

Lease Name: Patterson Well #: 19

Field Name: \_\_\_\_\_

Producing Formation: Squirrel

Elevation: Ground: 1039 Kelly Bushing: 0

Total Vertical Depth: 780 Plug Back Total Depth: 0

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: 0

feet depth to: 21 w/ 3 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: 1500 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: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: NACHII JAMES Date: 02/16/2015

1242652

Operator Name: TNT Energy, LLC Lease Name: Patterson Well #: 19  
 Sec. 32 Twp. 15 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 <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  List All E. Logs Run:  Gamma Ray Neutron Completion Log	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name _____ Top _____ Datum _____ Gamma Ray _____ 00 _____
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CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> 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	2.625 <del>2.50</del>	12	21	Portland	3	50/50 POZ
Production	5.625	2.875	10	772 <del>767</del>	Portland	115	50/50 POZ

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> 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
3	737 to 747	Acid 500 gal. 7.5% HCL	

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**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
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<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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# 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
10-20-14		Patterson 19	32	15	21	
Customer TNT			Mailing Address			
			City	State	Zip Code	

Job Type Logging Hole Size 5 5/8 Hole Depth 780 Casing Size & Weight 2 7/8  
Casing Depth 761 Drill Pipe \_\_\_\_\_ Tubing \_\_\_\_\_ Other \_\_\_\_\_  
Displacement 4.6 Displacement PSI 500 Mix PSI 200 Rate 4 BPM

Remarks \_\_\_\_\_

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CONSERVATION DIVISION  
WICHITA, KS

Account Code	Quantity or Units	Description of Services or Product	Unit Price	Total
		Pump Charge		700
		Cement Truck		250
		Water Truck		150
	115 SY	Cement	10	1150
		Gel		
		Plug		25
			Sales Tax	
			Estimated Total	2275

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.

Franklin County, KS  
Well: Patterson #19  
Lease Owner: TNT

Town Oilfield Service, Inc.  
(913) 837-8400

Commenced Spudding:  
10/17/2014

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WELL LOG

CONSERVATION DIVISION  
WICHITA, KS

Thickness of Strata	Formation	Total Depth
0-6	Soil & Clay	6
13	Sandstone	19
52	Shale	71
26	Lime	97
8	Shale	105
11	Lime	116
3	Shale	119
39	Lime	158
19	Shale	177
20	Lime	197
7	Shale	204
2	Lime	206
66	Shale	272
23	Lime	295
23	Shale	318
10	Lime	328
38	Shale	366
4	Lime	370
13	Shale	383
8	Lime	391
3	Shale	394
14	Lime	408
10	Shale	418
20	Lime	438
5	Shale	443
5	Lime	448
3	Shale	451
5	Lime	456
49	Shale	505
27	Grey Sand	532
81	Shale	613
2	Lime	615
1	Coal	616
18	Shale	634
8	Lime	642
40	Shale	682
3	Lime	685
19	Shale	704
3	Lime	707
28	Shale	735

