



KANSAS CORPORATION COMMISSION 1101345  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

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

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 33741  
Name: Energex Kansas, Inc.  
Address 1: 2038 S. PRINCETON ST., STE B  
Address 2: \_\_\_\_\_  
City: OTTAWA State: KS Zip: 66067 + \_\_\_\_\_  
Contact Person: Brandye Bordelon  
Phone: (785) 241-2228  
CONTRACTOR: License # 32834  
Name: JTC Oil, Inc.  
Wellsite Geologist: NA  
Purchaser: Coffeyville Resources

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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_  
01/11/2012    01/13/2012    02/29/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-059-25869-00-00  
Spot Description: \_\_\_\_\_  
SE NW NW SE Sec. 17 Twp. 18 S. R. 21  East  West  
2186 Feet from  North /  South Line of Section  
2244 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Franklin  
Lease Name: Russell Well #: BSI-RL7  
Field Name: Paola-Rantoul  
Producing Formation: Squirrel  
Elevation: Ground: 969 Kelly Bushing: 0  
Total Depth: 680 Plug Back Total Depth: 659  
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: 659  
feet depth to: 0 w/ 104 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garriso Date: 11/30/2012



1101345

Operator Name: Energex Kansas, Inc. Lease Name: Russell Well #: BSI-RL7  
 Sec. 17 Twp. 18 S. R. 21  East  West County: Franklin

**INSTRUCTIONS:** Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

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 Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:  Gamma Ray/Neutron	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum     NA
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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	9.875	7.00	23.0	20	Portland	3	
Production	5.625	2.875	5.8	659	70/30 Poz	104	2% Gel, 5% Salt, 1/2# Phenosa

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	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
3	604-614 31 Perfs	200 gal. 16% HCL Acid	604-614'

<b>TUBING RECORD:</b>		Size:	Set At:	Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or ENHR.			Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____		
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

<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 checked="" 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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# JTC Oil, Inc.

## Drillers Log

Well Name Russell BSI RL 7

API# 15 15-059-25869-00-00

Surface Date 1/11/12 20 ft 6.5

Cement Amounts

3 Sacks

Cement Date 1/13/12

Well Depth 680

Casing Depth 659

### Drillers Log

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
top soil	0		
lime	4		
shale	21		
lime	104		
shale	123		
lime	145		
red bed	152		
shale	158		
lime	193		
shale	210		
lime	218		
coal	285		
lime	287		
shale	294		
red bed	449		
shale	454		
lime	460		
shale	478		
lime	544		
shale	546		
top oil sand	604-607 good		
	607-610 v good		
	610-613 v good		
	613 616 ok		
	616-618 shale		
shale	616		
stop drilling	680		
casing pipe	659		

# JTC Oil, Inc.

## Drillers Log

Well Name Russell BSI RL 7

API# 15 15-059-25869-00-00

Surface Date 1/11/12 20 ft 6.5

Cement Amounts

3 Sacks

Cement Date 1/13/12

Well Depth 680

Casing Depth 659

### Drillers Log

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
top soil	0		
lime	4		
shale	21		
lime	104		
shale	123		
lime	145		
red bed	152		
shale	158		
lime	193		
shale	210		
lime	218		
coal	285		
lime	287		
shale	294		
red bed	449		
shale	454		
lime	460		
shale	478		
lime	544		
shale	546		
top oil sand	604-607 good		
	607-610 v good		
	610-613 v good		
	613 616 ok		
	616-618 shale		
shale	616		
stop drilling	680		
casing pipe	659		



**CONSOLIDATED**  
Oil Well Services, LLC

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

TICKET NUMBER 36838

LOCATION Ottawa KS

FOREMAN Fred Madin

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1/13/12	2579	Russell # BS1 RL-7	SE 17	18	21	ER
CUSTOMER <u>Energy Resources</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>10975 Grandview Dr.</u>			<u>506</u>	<u>FREMAD</u>	<u>Safety</u>	<u>WJ</u>
CITY <u>Overland Park</u>	STATE <u>KS</u>	ZIP CODE <u>66210</u>	<u>495</u>	<u>HARBEC</u>	<u>HABO</u>	<u>L</u>
JOB TYPE <u>Long string</u>			<u>370</u>	<u>GARMOD</u>	<u>GM</u>	
HOLE SIZE <u>6</u>			<u>548</u>	<u>REICAR</u>	<u>RC</u>	
HOLE DEPTH <u>719</u>			CASING SIZE & WEIGHT <u>2 3/8" 50#</u>			
CASING DEPTH <u>690</u>			OTHER _____			
SLURRY WEIGHT _____			CEMENT LEFT in CASING <u>2 1/2" Plug</u>			
SLURRY VOL _____			RATE <u>58ppm</u>			
WATER gal/sk _____						
DISPLACEMENT <u>4.0580</u>						
DISPLACEMENT PSI _____						
MIX PSI _____						

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel Flush, Mix + Pump  
sk 70/30 Poz Mix 2% Gel 5% Salt 1/2" Pheno Seal/sk. Cement  
to surface. Flush pump + lines clean. Displace 2 1/2" Rubber Plug  
to casing TD. Pressure to 800# PSI. Hold pressure for 30 min. PIT.  
Release pressure to set float valve. Shut in casing.

JTC Drilling Fred Madin

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1030.00
5406		MILEAGE		N/C
5402	690	Casing footage		N/C
5407	1/2 minimum	Ton Miles	548	173.00
5502C	1 1/2 hr	80 BBL Vac Truck	370	135.00
1127	1045 lbs	70/30 Poz Mix Cement		1320.80
118B	280 #	Premium Gel		57.43
1111	211 #	Granulated Salt		78.97
1107A	52 #	Pheno Seal		67.08
4402	1	2 1/2" Rubber Plug		25.00
<u>247241</u>				
			7.5%	SALES TAX
				ESTIMATED
				TOTAL
				121.14
				3014.57

RAVIN 3737 AUTHORIZATION [Signature] 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 for