



KANSAS CORPORATION COMMISSION 1101112  
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     SLOW  
 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 #: \_\_\_\_\_  
06/05/2012    06/14/2012    08/24/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-059-26038-00-00  
Spot Description: \_\_\_\_\_  
N2\_S2\_NE\_SE Sec. 18 Twp. 18 S. R. 21  East  West  
1900 Feet from  North /  South Line of Section  
660 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Franklin  
Lease Name: Carter B Well #: BSP-CB6  
Field Name: Paola-Rantoul  
Producing Formation: Squirrel  
Elevation: Ground: 959 Kelly Bushing: 0  
Total Depth: 680 Plug Back Total Depth: 661  
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: 661  
feet depth to: 0 w/ 91 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 Garrison Date: 11/30/2012



1101112

Operator Name: Energex Kansas, Inc. Lease Name: Carter B Well #: BSP-CB6  
 Sec. 18 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	661	70/30 Poz	91	2% Gel, 5% Salt, 1/2# Phenosaes

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	588-598' 31 Perfs	Spot 250 gal. 15% HCL Acid	588-598'
		131 bbls. City H2o w KCL	
		100# 16/30, 3900# 12/20 Sand	

TUBING RECORD: 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

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <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) _____	PRODUCTION INTERVAL: _____ _____
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# JTC Oil, Inc.

## Drillers Log

Well Name Carter B BSP CB 6

API# 15 15-059-26038-00-00 Cement Amounts

Surface Date 6/5/12 7" 20 ft. 3 Sacks

Cement Date 6/14/12

Well Depth 680

Casing Depth 631

### Drillers Log

Formation	Depth	Formation	Depth
top soil	0		
lime	2		
shale	28		
lime	96		
shale	118		
lime	138		
shale	142		
red bed	145		
shale	150		
lime	187		
shale	202		
lime	210		
black shale	240		
lime	247		
coal	269		
lime	274		
shale	286		
lime	447		
shale	458		
lime	531		
shale	534		
lime	577		
shale	580		
top oil sand	585-588 v good		
	588-591 v good		
	591-594 v good		
	594-596 good		
	569-598 broken		
shale	598		
#2 top oil sand	658-660 no oil		
	660-662 no oil		
	662-665 no oil		
shale	665		

BSA CB 6

stop drilling	680
casing pipe	631



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 37303

LOCATION Ottawa KS

FOREMAN Fred Mader

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8678

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/14/12	2529	Carter "B" BSP C66	SE 18	18	21	FR
CUSTOMER						
Energen Resources Inc						
MAILING ADDRESS						
70975 Grandview Dr						
CITY		STATE	ZIP CODE			
Overland Park		KS	66210			
JOB TYPE <u>Longstring</u>		HOLE SIZE <u>6"</u>	HOLE DEPTH <u>680</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>		
CASING DEPTH <u>631</u>		DRILL PIPE	TUBING	OTHER		
SLURRY WEIGHT		SLURRY VOL	WATER gal/ck	CEMENT LEFT IN CASING <u>2 1/2" Plug</u>		
DISPLACEMENT <u>3.67</u>		DISPLACEMENT PSI	MIX PSI	RATE <u>5BPM</u>		
REMARKS: <u>Establish pump rate. Mix + Pump 100' Bel Flush. Mix Pump 91 SKS 70/30 pro mix Cement 270 Gal 5% Salt 1/2" Phen Seal / etc. Cement to surface. Flush pump &amp; lines clean. Displace 2 1/2" rubber plug to casing TD. Pressure to 500 PSI. Release pressure to set float valve. Shut in casing</u>						

JTC Drilling Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495	1020 <sup>00</sup>
5406	-	MILEAGE		N/C
5402	631	Casing footage		N/C
5407	1/2 minimum	Ten Miles	548	1725 <sup>00</sup>
5502c	1 1/2 hr.		369	135 <sup>00</sup>
1127	91 SKS	70/30 Pro Mix Cement		1155 <sup>20</sup>
115B	260 #	Premium Gel		546 <sup>00</sup>
111	285 #	Granulated Salt		684 <sup>50</sup>
1107A	46 #	Pheno Seal		592 <sup>40</sup>
4402	1	2 1/2" Rubber Plug		28 <sup>00</sup>
			7.8%	SALES TAX
				ESTIMATED TOTAL
				106.53
				2812.64

Ravin 3737 JTC TITLE 250579 DATE 7.8%

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.