



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1082139
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ 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: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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: _____ Date: _____

1082139

Operator Name: _____ 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 Taken <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input 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

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 <i>(Amount and Kind of Material Used)</i>	Depth

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

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 type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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JTC Oil, Inc.

Drillers Log

Well Name Carter A BSI CA 37

API# 15 15-059-25851-00-00

Surface Date 3/22/12 20 ft 7

Cement Amounts

3 Sacks

Cement Date 3/29/12

Well Depth 700

Casing Depth 677

Drillers Log

<u>Formation</u>	<u>Depth</u>	<u>Formation</u>	<u>Depth</u>
top soil	0		
lime	6		
shale	21		
lime	108		
shale	128		
lime	154		
red bed	156		
shale	162		
lime	198		
shale	213		
lime	222		
black shale	254		
lime	260		
coal	284		
lime	287		
shale	301		
lime	415		
shale	416		
red bed	448		
shale	452		
lime	463		
shale	480		
lime	530		
shale	538		
lime	551		
shale	552		
top oil sanc	598-601 lime oil		
	601-604 broken		
	604-607 ok		
	607-610 good		
	610-613 v good		

613-616 v good
616-618 good
618-621 good
621-624 broken
624-627 shale mix ok
627-630 shale

shale 627
stop drilling 700
casing pipe 677



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 36578

LOCATION Ottawa

FOREMAN Alan Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
3-29-12	2579	Carter A th BSI CA37	SE17	18	21	FK
CUSTOMER <u>Energen Resources</u>						
MAILING ADDRESS <u>10975 Grandview Dr</u>						
CITY <u>Overland Park</u>						
STATE <u>KS</u>						
ZIP CODE <u>66210</u>						
		TRUCK #	DRIVER	TRUCK #	DRIVER	
		<u>516</u>	<u>Alan M</u>	<u>Safety</u>	<u>Meet</u>	
		<u>368</u>	<u>Gary M</u>	<u>Com</u>		
		<u>369</u>	<u>Derek M</u>	<u>D M</u>		
		<u>548</u>	<u>Mike H</u>	<u>MH</u>		

JOB TYPE logistry HOLE SIZE 6 HOLE DEPTH 700 CASING SIZE & WEIGHT 2 7/8
 CASING DEPTH 677 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING yes
 DISPLACEMENT 3.9 DISPLACEMENT PSI 800 MIX PSI 200 RATE 4 bpm

REMARKS: Held crew Meet. Established rate. Mixed & pumped 100# gel followed by 86 sk 70/30 cement plus 5% salt 2% gel, 1/2 phen seal. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI for 30 minute M.I.T. Set float. Closed valve.

JTC

Alan Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE</u>		<u>1080.00</u>
<u>5406</u>	<u>—</u>	<u>MILEAGE</u>		<u>—</u>
<u>5402</u>	<u>677</u>	<u>casing footage</u>		<u>—</u>
<u>5407</u>	<u>1/2 mi</u>	<u>ton miles</u>		<u>175.00</u>
<u>5502C</u>	<u>2</u>	<u>80 vac</u>		<u>180.00</u>
<u>1127</u>	<u>86 sk</u>	<u>70/30 cem</u>		<u>1092.20</u>
<u>1118B</u>	<u>251 #</u>	<u>gel</u>		<u>52.71</u>
<u>1111</u>	<u>174 #</u>	<u>salt</u>		<u>64.38</u>
<u>1107A</u>	<u>43 #</u>	<u>phen seal</u>		<u>55.47</u>
<u>4402</u>	<u>1</u>	<u>2 1/2 plug</u>		<u>28.00</u>
<u>2486.82</u>				
			SALES TAX	<u>100.83</u>
			ESTIMATED TOTAL	<u>2778.59</u>

Ravin 8737

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 form

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

May 22, 2012

Marcia Littell
Energex Kansas, Inc.
27 CORPORATE WOODS, STE 350
10975 GRANDVIEW DR
OVERLAND PARK, KS 66210

Re: ACO1
API 15-059-25851-00-00
Carter A BSI-CA37
SW/4 Sec.17-18S-21E
Franklin County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Marcia Littell