



KANSAS CORPORATION COMMISSION 1089446  
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 # 34648  
Name: A & L Energy Operations LLC  
Address 1: 575 MADISON AVENUE 22ND FL  
Address 2: \_\_\_\_\_  
City: NEW YORK State: NY Zip: 10022 + \_\_\_\_\_  
Contact Person: Andrew Pietra  
Phone: (212) 586-6665  
CONTRACTOR: License # 8509  
Name: Evans Energy Development, Inc.  
Wellsite Geologist: NA  
Purchaser: \_\_\_\_\_

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

7/3/2012    7/5/2012    8/6/2012  
Spud Date or    Date Reached TD    Completion Date or  
Recompletion Date       Recompletion Date

API No. 15 - 15-045-21776-00-00

Spot Description: \_\_\_\_\_  
SW SE NW NE Sec. 6 Twp. 14 S. R. 21  East  West  
1190 Feet from  North /  South Line of Section  
1850 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Douglas

Lease Name: Thoren Well #: 83

Field Name: Little Wakarusa

Producing Formation: Barltesville

Elevation: Ground: 910 Kelly Bushing: 0

Total Depth: 755 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 44 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: 44 w/ 12 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

- 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: 08/09/2012



1089446

Operator Name: A & L Energy Operations LLC Lease Name: Thoren Well #: 83  
 Sec. 6 Twp. 14 S. R. 21  East  West County: Douglas

**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:  GammaRay/Neutron/CCL	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>GammaRay</td> <td></td> <td></td> </tr> </table>	Name	Top	Datum	GammaRay		
Name	Top	Datum					
GammaRay							

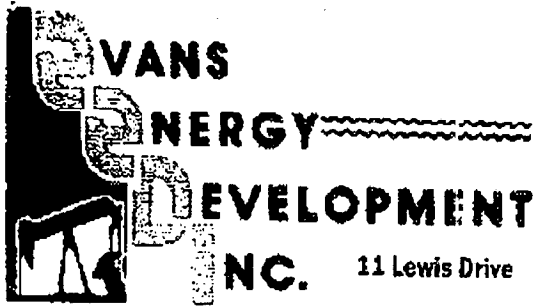
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	7	10	44	Portland	12	50/50 POZ
Completion	5.6250	2.8750	8	744	Portland	71	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	-			
	-			

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	689.0-696.0	2" DML RTG	7

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

<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) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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11 Lewis Drive

Paola, KS 66071

Oil & Gas Well Drilling  
Water Wells  
Geo-Loop Installation

Phone: 913-557-9083

Fax: 913-557-9084

**WELL LOG**

A & L Energy Operations, LLC

Theren #83

API #15-045-21,776

July 3 - July 5, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
16	soil & clay	16
50	shale	66
11	lime	77
3	shale	80
16	lime	96
8	shale	104
7	lime	111
61	shale	172
14	lime	186
47	shale	233
12	lime	245
11	shale	256
19	lime	275
19	shale	294
16	lime	310
16	shale	326
11	lime	337
4	shale	341
32	lime	373
8	shale	381
22	lime	403
3	shale	406
14	lime	420
170	shale	590 oil show 571
4	lime	594
5	shale	599
5	lime	604
6	shale	610
10	lime	620
11	shale	631
4	lime	635
54	shale	689
2	oil sand	691
2	broken sand	693
62	shale	755 TD

Thoren #83

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Drilled a 9 7/8" hole to 44.6'

Drilled a 5 5/8" hole to 755'

Set 44.6' of 7" casing threaded and coupled cemented with 12 sacks of cement.

Set 744.7' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



**CONSOLIDATED**  
Oil Well Services, LLC

TICKET NUMBER 37409

LOCATION Ottawa

FOREMAN Alan Maher

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

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

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
<u>Feb-12</u>	<u>3898</u>	<u>Thores 83</u>	<u>NE 6</u>	<u>14</u>	<u>21</u>	<u>26</u>
CUSTOMER <u>AL Energy</u>			TRUCK #			
MAILING ADDRESS <u>575 Madison Ave 22nd Fl</u>			<u>516</u>	<u>Al. Mad</u>	<u>Safety</u>	<u>Meet</u>
CITY <u>New York</u>			<u>368</u>	<u>Al. Mad</u>	<u>161</u>	
STATE <u>NY</u>			<u>370</u>	<u>Kei. Car</u>	<u>KC</u>	
ZIP CODE <u>10022</u>			<u>558</u>	<u>Al. Mad</u>	<u>RS</u>	
JOB TYPE <u>log string</u>	HOLE SIZE <u>5 7/8</u>	HOLE DEPTH <u>234</u>	CASING SIZE & WEIGHT <u>2 1/8</u>		OTHER	
CASING DEPTH <u>744</u>	DRILL PIPE	TUBING	CEMENT LEFT IN CASING <u>yes</u>			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	RATE <u>4 bpm</u>			
DISPLACEMENT <u>43</u>	DISPLACEMENT PSI <u>800</u>	MIX PSI <u>200</u>				

REMARKS: Held crew meet. Established rate. Mixed & pumped 100# gel followed by 71 sk DWL plug 1/2 & floreal per sock. Circulated cement. Flushed pump. Pumped plug to casing TD. Closed annulus valve by bbl from TD. Well held 800 PSI. Set float. Closed casing.

Evans Energy Tradies

Alan Maher

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
<u>5401</u>	<u>1</u>	<u>PUMP CHARGE</u>	<u>368</u>	<u>1030.00</u>
<u>5406</u>	<u>30</u>	<u>MILEAGE</u>	<u>368</u>	<u>120.00</u>
<u>5402</u>	<u>744</u>	<u>casing footage</u>	<u>368</u>	<u>—</u>
<u>5407</u>	<u>1/2</u>	<u>ton miles</u>	<u>558</u>	<u>175.00</u>
<u>5502L</u>	<u>2 1/2</u>	<u>80 vac</u>	<u>370</u>	<u>225.00</u>
<u>1126</u>	<u>71 sk</u>	<u>DWL</u>		<u>1334.80</u>
<u>118B</u>	<u>100 #</u>	<u>gel</u>		<u>21.00</u>
<u>1107</u>	<u>18 #</u>	<u>flaseal</u>		<u>42.38</u>
<u>1422</u>	<u>1</u>	<u>1/2 plug</u>		<u>28.00</u>

**SCANNED**

SALES TAX 109.11  
ESTIMATED TOTAL 3080.21

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