



KANSAS CORPORATION COMMISSION 1089462
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 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 #:

6/9/2012 6/11/2012 8/6/2012
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-045-21761-00-00

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

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW

County: Douglas
Lease Name: Thoren Well #: 56

Field Name: Little Wakarusa

Producing Formation: Bartlesville

Elevation: Ground: 908 Kelly Bushing: 0

Total Depth: 759 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 Garrison Date: 08/09/2012



1089462

Operator Name: A & L Energy Operations LLC Lease Name: Thoren Well #: 56
 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" 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 checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	GammaRay		
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Submitted Electronically <i>(If no, Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				
GammaRay/Neutron/CCL				

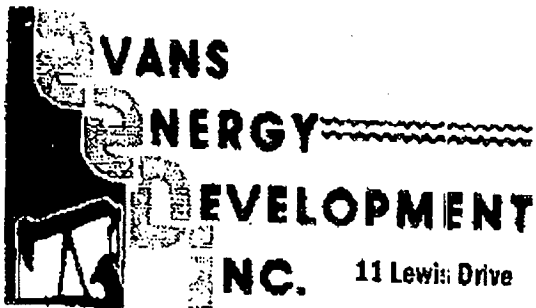
CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9	7	10	44	Portland	12	50/50 POZ
Completion	5.6250	2.8750	8	749	Portland	107	50/50 POZ

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	680.0-689.0	2" DML RTG	9

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 <i>(Explain)</i> _____			
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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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**VANS
ENERGY
DEVELOPMENT
INC.**

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

Thoren #56

API #15-045-21,761

June 9 - June 11, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
20	soil & clay	20
37	shale	57
6	lime	63
6	shale	69
18	lime	87
7	shale	94
8	lime	102
9	shale	111
17	lime	128
34	shale	162
15	lime	177
49	shale	226
7	lime	233
15	shale	248
17	lime	265
25	shale	290
4	lime	294
23	shale	317
46	lime	363
10	shale	373
24	lime	397
3	shale	400
15	lime	415 base of the Kansas City
147	shale	562
5	lime	567
17	shale	584
3	lime	587
16	shale	603
6	lime	609
15	shale	624
3	lime	627
13	shale	640
5	lime	645
34	shale	679
4	oil sand	683 black, good bleeding
2	broken sand	685 black & green sand, good bleeding
4	oil sand	689
70	shale	759 TD

Thoren #56

Page 2

Drilled a 9 7/8" hole to 44.5'
Drilled a 5 5/8" hole to 759'

Set 44.5' of 7" casing threaded and coupled cemented with 12 sacks of cement.

Set 749' of 2 7/8" 8 round upset tubing with 3 centralizers, 1 float shoe and 1 clamp.



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 39775

LOCATION Ottawa, KS

FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
6/11/12	3898	Thoren # 56	NE 6	14	21	DG
CUSTOMER <u>At L Energy</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>575 Madison Ave, 22nd Fl</u>			481	Casey	CK	
CITY <u>New York</u>			606	Gar Moo	GM	
STATE <u>NY</u>			675	Kei Det	KB	
ZIP CODE <u>10022</u>			510	Den Gar	DG	
JOB TYPE <u>longstring</u>	HOLE SIZE <u>5 7/8"</u>	HOLE DEPTH <u>759'</u>	CASING SIZE & WEIGHT <u>2 7/8" EUE</u>			
CASING DEPTH <u>749'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT IN CASING <u>2 1/2" rubber plug</u>			
DISPLACEMENT <u>4.35 bbls</u>	DISPLACEMENT PSI	MIX PSI	RATE <u>4.6 bpm</u>			

REMARKS: held safety meeting, established circulation, mixed + pumped 100# Premium gel followed by 10 bbls fresh water, mixed + pumped 107 sks 50/50 Pozmix cement w/ 2% gel per sk, cement to surface, flushed pump clean, pumped 2 1/2" rubber plug to casing, TD w/ 4.35 bbls fresh water, pressured to 800 PSI, released pressure, shut in casing.

[Handwritten signature]

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		
5406	30 mi	MILEAGE		1030. ⁰⁰
5402	749'			120. ⁰⁰
5407	minimum	Casing footage		
5502C	2 hrs	ton mileage		350. ⁰⁰
		80 vac		180. ⁰⁰
1124	107 sks	50/50 Pozmix cement		1171.65
1118B	280 #	Premium Gel		58.80
4402	1	2 1/2" rubber plug		28. ⁰⁰
			7.37%	SALES TAX
				ESTIMATED TOTAL
				3030.32

Rev 03/07

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.