



KANSAS CORPORATION COMMISSION 1089467
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 #: _____

<u>6/22/2012</u>	<u>6/25/2012</u>	<u>8/6/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-045-21770-00-00
Spot Description: _____
NW NW SE NE Sec. 6 Twp. 14 S. R. 21 East West
3860 Feet from North / South Line of Section
1084 Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:
 NE NW SE SW
County: Douglas
Lease Name: Thoren Well #: 78
Field Name: Little Wakarusa
Producing Formation: Bartlesville
Elevation: Ground: 909 Kelly Bushing: 0
Total Depth: 731 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: 42 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 Gerriss Date: 08/10/2012



1089467

Operator Name: A & L Energy Operations LLC Lease Name: Thoren Well #: 78
 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 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	42	Portland	12	50/50 POZ
Completion	5.6250	2.7850	8	721	Portland	90	50/50 POZ

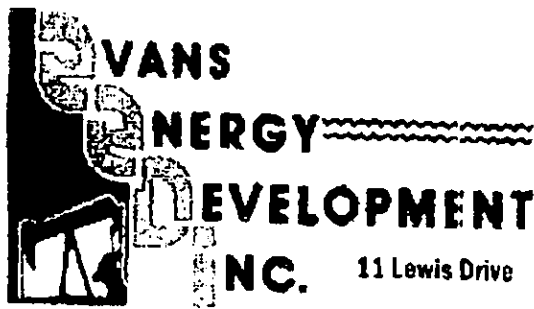
ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing	-			
___ Plug Back TD				
___ Plug Off Zone	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
3	682.0-692.0	2" DML RTG	10

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 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) _____	PRODUCTION INTERVAL: _____ _____
---	--	--



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 # 78
 API #15-045-21,770
 June 22 - June 26, 2012

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
20	soil & clay	20
39	shale	59
10	lime	69
3	shale	72
17	lime	89
7	shale	96
8	lime	104
10	shale	114
17	lime	131
33	shale	164
19	lime	183
45	shale	228
7	lime	235
14	shale	249
4	lime	253
3	shale	256
9	lime	265
23	shale	288
8	lime	296
17	shale	313
15	lime	328
3	shale	331
36	lime	367
7	shale	374
23	lime	397
3	shale	400
16	lime	416
169	shale	416 base of the Kansas City 585 oil show 563
4	lime	589
4	shale	593
4	lime	597
30	shale	627
4	lime	631
17	shale	648
3	lime	651
29	shale	680
1	broken sand	681 brown & green sand, good bleeding

Thoren #78

Page 2

9	oil sand	690 brown, good bleeding
1	broken sand	891 brown & green sand, good bleeding
48	shale	739 TD

Drilled a 9 7/8" hole to 44.5'

Drilled a 5 5/8" hole to 739'

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

Set 728 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 37349
LOCATION Ottawa
FOREMAN Alan Maden

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
6-26-12	3898	Thoren #78	NE 6	14	21	DG
CUSTOMER <u>All Energy</u>			TRUCK #			
MAILING ADDRESS <u>575 Madison Ave 22nd Fl</u>			DRIVER			
CITY <u>New York</u>			TRUCK #			
STATE <u>NY</u>			DRIVER			
ZIP CODE <u>10022</u>			TRUCK #			
JOB TYPE <u>long string</u>			DRIVER			
HOLE SIZE <u>5 7/8</u>			TRUCK #			
HOLE DEPTH <u>239</u>			DRIVER			
CASING DEPTH <u>721</u>			TRUCK #			
DRILL PIPE			DRIVER			
TUBING			TRUCK #			
OTHER			DRIVER			
SLURRY WEIGHT			TRUCK #			
SLURRY VOL			DRIVER			
WATER gal/sk			TRUCK #			
CEMENT LEFT in CASING <u>yes</u>			DRIVER			
DISPLACEMENT <u>4.2</u>			TRUCK #			
DISPLACEMENT PSI <u>800</u>			DRIVER			
MIX PSI <u>200</u>			TRUCK #			
RATE <u>4 bpm</u>			DRIVER			

REMARKS: Held crew meet, checked well depth. Found to be 7' shallower than told. Checked with driller, Terrell, & Terry Ballam. Was told to cement it. Established rate. Mixed & pumped 100# gel followed by 90 sks. Circulated cement. Flushed pump. Pumped plug to casing TD. Well held 800 PSI. Set float closed valve.

Evans Energy, Travis
Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368	1030.00
5406	30	MILEAGE	368	120.00
5402	721	casing footage	368	—
5407	min	ten miles	510	350.00
5502C	2 1/2	80 VAL	675	225.00
1124	90	50/50 cement		985.50
1118B	251#	gel		52.71
4402	1	2 1/2 plug		28.00
SCANNED				
SALES TAX				77.83
ESTIMATED TOTAL				2869.04

NO COMPANY REP
AUTHORIZATION Jim DKid 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