

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 33741  
Name: Energex Kansas, Inc.  
Address: Commerce Plaza 1 Center, 7300 W. 110th Street, 7th Floor  
City/State/Zip: Overland Park, KS 66210  
Purchaser: Plains Marketing, L. P.  
Operator Contact Person: Marcia Littell  
Phone: (913) 693-4608  
Contractor: Name: Kimzey Drilling  
License: 33030

Wellsite Geologist: \_\_\_\_\_

Designate Type of Completion:

New Well     Re-Entry     Workover  
 Oil     SWD     SIOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, 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./SWD

Plug Back     Plug Back Total Depth

Commingled    Docket No. \_\_\_\_\_

Dual Completion    Docket No. \_\_\_\_\_

Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

6/25/07	6/27/07	8/27/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 045-21321-0000

County: Douglas

NE SE NE Sec. 6 Twp. 14 S. R. 21  East  West

3546 FSL 1995 feet from S / (N) (circle one) Line of Section

413 FGL 300 feet from (E) / W (circle one) Line of Section

KCC Record  
Footages Calculated from Nearest Outside Section Corner:

(circle one) (NE) SE NW SW

Lease Name: Thoren Well #: 30

Field Name: Little Wakarusa

Producing Formation: Squirrel

Elevation: Ground: 905' Kelly Bushing: \_\_\_\_\_

Total Depth: 726' Plug Back Total Depth: 718'

Amount of Surface Pipe Set and Cemented at 45.3 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 718

feet depth to surface w/ 82 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 No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Marcia Littell

Title: Compliance Coordinator Date: 4/17/08

Subscribed and sworn to before me this 1st day of April

Notary Public: Maurice Egan

Date Commission Expires: 9/18/2010

Maurice Egan  
Notary Public, State of Kansas  
My Appt Expires 9/18/2010

**KCC Office Use ONLY**

Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received

Geologist Report Received **RECEIVED**  
KANSAS CORPORATION COMMISSION

UIC Distribution

**APR 04 2008**

Operator Name: Energex Kansas, Inc. Lease Name: Thoren Well #: 30  
 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 copy of all Electric Wireline 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 <i>(Submit Copy)</i>  List All E. Logs Run:  <b>Gamma Ray/Neutron</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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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 7/8"	7"	23.0 #	45.3'	Portland	16	
Production	5 5/8"	2 7/8"	5.8 #	718'	50/50 Poz mix	82	2% Gel

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 (Amount and Kind of Material Used)	Depth
3 SPF	677-687'	Spot 75 gal. 15% HCL	677-687'
		68 bbls. city H2o W KCL, 14sks 20/40, 9sks 12/20	

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 <input type="checkbox"/> Other (Specify)	Production Interval
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 KANSAS CORPORATION COMMISSION  
**APR 04 2008**  
 CONSERVATION DIVISION  
 WICHITA, KS

# Drillers Log

Company : Midwest Energy

County: Douglas

Farm: Thoren  
 Well No.: 30  
 API:15-045-21321-0000  
 Surface Pipe: 45.3' - 7'

Sec: 6      Twp: 14      Range:21  
 Location:1335' FNL  
 Location: 360' FEL  
 Spot: NE-SE-NE

T.D. Hole 726'      T.D. Pipe 718'

Contractor E.K. Energy LLC

Thickness	Formation	Depth	Remarks
19	Soil&clay	19	Drilled 9 7/8 Hole set 45.3' 7" cemented 16 sks
19	Shale	38	Drilled 5 5/8 Hole
42	Lime	80	
6	Shale (black)	86	
9	Lime	95	Start 6-25-07
8	Shale	103	Finsh 6-27-07
17	Lime	120	
32	Shale	152	
17	Lime	169	
50	Shale	219	
9	Lime	228	
12	Shale	240	
17	Lime	257	10 Lime 639
20	Shale	277	14 Shale 653
11	Lime	288	11 Lime 664 (soft)
21	Shale	309	13 Shale 677
49	Lime	358	10 Oil SD 687
2	Shale	360	Shale T.D.
3	Coal	363	
3	Shale	366	
22	Lime	388	
3	Coal	391	
17	Lime	408	
47	Shale	455	
3	Lime	458	
117	Shale	575	
6	Lime	581	
5	Shale (black)	586	
14	Lime	600	
18	Shale	618	
5	Lime	623	
6	Shale	629	

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