

IND

**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. (formerly Midwest Energy, Inc.)  
Address: Commerce Plaza 1 Center, 7300 W. 110th St., 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: Birk Petroleum  
License: 31280  
Wellsite Geologist: David Griffin, RG.

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover  
☒ Oil ☐ SWD ☐ SLOW ☐ 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. \_\_\_\_\_

10/30/07	11/01/07	11/02/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 045-21347-0000  
County: Douglas  
NW NE NE NE Sec. 06 Twp. 14 S. R. 21 ☒ East ☐ West  
4690 FSL 520 feet from S / (N) (circle one) Line of Section  
934 FSL 800 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 #: 54  
Field Name: Little Wakarusa  
Producing Formation: Squirrel  
Elevation: Ground: 911' Kelly Bushing: \_\_\_\_\_  
Total Depth: 770' Plug Back Total Depth: 760'  
Amount of Surface Pipe Set and Cemented at 41 Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 760'  
feet depth to surface w/ 145 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: 01/16/08  
Subscribed and sworn to before me this 16<sup>th</sup> day of JANUARY,  
20 08.  
Notary Public: Marcia Littell  
Date Commission Expires: 9/18/2010

**KCC Office Use ONLY**

N Letter of Confidentiality Received

☒ If Denied, Yes ☐ Date: \_\_\_\_\_ **RECEIVED**

☒ Wireline Log Received **KANSAS CORPORATION COMMISSION**

☐ Geologist Report Received

☐ UIC Distribution

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

**JAN 17 2008**

**CONSERVATION DIVISION  
WICHITA, KS**

Operator Name: Energex Kansas, Inc. (formerly Midwest Energy, Inc.) Lease Name: Thoren Well #: 54  
 Sec. 06 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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☒ Yes ☐ No  
 (Submit Copy)

List All E. Logs Run:

Gamma Ray Neutron

☐ Log Formation (Top), Depth and Datum ☐ Sample  
 Name Top Datum

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CONSERVATION DIVISION  
 WICHITA, KS

CASING RECORD ☒ New ☐ 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#	41'	Portland	14	
Production	6 1/8"	2 7/8"	5.8#	760'	50/50 poz	145	2% Gel

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives

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
4 SPF	685-693'	Spot 75 gal. 15% HCL	685-693'
		102 bbls. city H2O w KCL, 10sks 20/40, 14sks 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

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify) \_\_\_\_\_

**B & B COOPERATIVE VENTURES**

**900 South 4<sup>th</sup>  
Burlington, Ks 66839  
620-364-1311**

<b>DATE:</b> 10/27-10/10/30/07	<b>Lease:</b> Thoren
<b>Operator:</b> Midwest Energy	<b>Well:</b> #54
7300 W. 110 <sup>th</sup> St, 7 <sup>th</sup> Floor	<b>API:</b> 15-045-21347-0000
Overland Park, Ks 66210	<b>Description:</b> 6-14-21
<b>Spud:</b> 10/30/07 <b>T.D.:</b> 11/1/07	<b>County:</b> Douglas

<b>Formations</b>	<b>From</b>	<b>To</b>	<b>Formations</b>	<b>From</b>	<b>To</b>
Top Soil	0	3	Shale	273	292
Clay	3	15	Lime	292	293
Shale	15	41	Shale	293	295
Shale	41	64	Lime	295	301
Lime	64	66	Shale	301	322
Shale	66	76	Lime	322	372
Lime	76	95	Shale	372	382
Shale	95	101	Lime	382	402
Lime	101	105	Shale	402	405
Shale	105	106	Lime	405	410
Lime	106	109	Shale	410	590
Shale	109	119	Lime	590	
Lime	119	137	Oil Sand	685	690
Shale	137	170	Shale	690	770
Lime	170	183	T.D. 770'		
Shale	183	231			
Lime	231	238			
Shale	238	253			
Lime	253	267			
Shale	267	268			
Lime	268	273			

**Surface bit:** 9 7/8"      **Length:** 41'      **Size:** 7"      **Cement:** 14 sx - ~~Portland~~ Return to Surface

**Drill bit:** 6 1/8"      **T.D.:** 770'      **Pipe set:** 760'      **Size:** 2 7/8"

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