

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

**ORIGINAL**

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: Kimzey Drilling  
License: 33030  
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. \_\_\_\_\_

5/25/07	5/29/07	8/19/07
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 045-21311-0000  
County: Douglas  
NE    NW    SE       Sec. 6    Twp. 14    S. R. 21     East  West  
2495 feet from (S) N (circle one) Line of Section  
1500 feet from (E) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Thoren    Well #: 20  
Field Name: Little Wakarusa  
Producing Formation: Squirrel  
Elevation: Ground: 903'    Kelly Bushing: \_\_\_\_\_  
Total Depth: 726'    Plug Back Total Depth: 721'  
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 721  
feet depth to surface    85 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.: \_\_\_\_\_

*Alt 2-Dlg w/ 6/9/08*

**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: 3/19/08  
Subscribed and sworn to before me this 19<sup>th</sup> day of March,  
20 08.  
Notary Public: Maureen Elton  
Date Commission Expires: 9/18/2010

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received    **RECEIVED**  
 Geologist Report Received    **KANSAS CORPORATION COMMISSION**  
 UIC Distribution    **MAR 24 2008**  
**CONSERVATION DIVISION**  
**WICHITA, KS**

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

Operator Name: Energex Kansas, Inc. (formerly Midwest Energy, Inc.) Lease Name: Thoren Well #: 20  
 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#	41'	Portland	16	
Production	5 5/8"	2 7/8"	5.8#	721'	Portland	85	

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
2 SPF	669-676'	Spot 75 gal. 15% HCL	669-676'
		104 bbls. city H2o W KCL, 15sks 20/40, 13sks 12/20	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumerd 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	<b>RECEIVED</b>
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____	<b>KANSAS CORPORATION COMMISSION</b>  <b>MAR 24 2008</b>

# Drillers Log

Company : Midwest Energy

County: Douglas

Farm: Thoren

Sec: 6 Twp:14 Range: 21

Well No.: 20

Location: 2495' FSL

API: 15-045-21311-0000

Location: 1500' FEL

Surface Pipe:41.2' - 7"

Spot: NE-NW-SE

T.D. Hole 726'

T.D. PIPE 720.70'

Contractor E.K. Energy LLC

Thickness	Formation	Depth	Remarks
	Soil & Clay	8	Drilled 9 7/8 hole set 41.2' 7" cemented 16 SKS
31	Shale	39	Drilled 5 5/8 hole 85 SKS
8	Lime	47	circulate cement to surface
5	Shale	52	Cored 541'--554'
1	Coal	53	Cored 666'--681'
2	Shale	55	
19	Lime	74	Started 5-25-07
4	Shale	78	Finshed 5-29-07
7	Lime	85	
10	Shale	95	Cemented 5-29-07 Good bleed on pit.
2	Lime	97	
48	Shale	145	
16	Lime	161	1 shale 575
51	Shale	212	3 lime 578
8	Lime	220	8 shale 586
13	Shale	233	6 lime 592
18	Lime	251	15 shale 607
22	Shale	273	3 lime 610
7	Lime	280	9 shale 619 black
21	Shale	301	5 lime 654
50	Lime	351	3 shale 657
9	Shale (black)	360	2 lime 659
22	Lime	382	6 shale 665
3	Coal	385	3 sandy 668
15	Lime	400	9 oil sd 677
49	Shale	449	2 sandy 680
2	Lime	451	Shale T.D.
95	Shale	546	
3	Broken sd	549	
17	Shale	566	
6	Lime	572	
2	Coal	574	

RECORDED  
KANSAS CORPORATION COMMISSION

MAR 24 2008

CONSERVATION DIVISION  
WICHITA, KS