

ORIGINAL

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 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. _____

<u>6/14/07</u>	<u>6/15/07</u>	<u>8/27/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 045-21318-0000
County: Douglas
NW SE NE Sec. 6 Twp. 14 S. R. 21 East West
1673 feet from S / (N) (circle one) Line of Section
1043 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 #: 27
Field Name: Little Wakarusa
Producing Formation: Squirrel
Elevation: Ground: 904' Kelly Bushing: _____
Total Depth: 726' Plug Back Total Depth: 719.1'
Amount of Surface Pipe Set and Cemented at 41.4 Feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set _____ Feet
If Alternate II completion, cement circulated from 719.1
feet depth to surface w/ 84 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.: _____

AKZ Dlg - 6/24/08

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: 4/1/08
Subscribed and sworn to before me this 10th day of April
2008
Notary Public: Maureen Ektor
Date Commission Expires: 9/18/2010

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

KCC Office Use ONLY
Letter of Confidentiality Received
 If Denied, Yes Date: RECEIVED
 Wireline Log Received
 Geologist Report Received
 UIC Distribution
APR 04 2008
KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Energex Kansas, Inc. Lease Name: Thoren Well #: 27
 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: Gamma Ray/Neutron	<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 #	41.4'	Portland	16	
Production	5 5/8"	2 7/8"	5.8 #	719.1	Portland	84	

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	680-684', 687-692'	Spot 75 gal. 15% HCL	680-692'
		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
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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)
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Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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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Drillers Log

Company : Midwest Energy

County: Douglas

Farm: Thoren

Sec: 6 Twp: 14 Range: 21

Well No.: 27

Location: 1673' FNL

API: 15-045-21318-0000

Location: 1043' FEL

Surface Pipe: 41.4' --7"

Spot: NW-SE-NE

T.D. Hole 726' T.D. Pipe 719.1'

Contractor E.K. Energy LLC

Thickness	Formation	Depth	Remarks
17	Soil & clay	17	Drilled 9 7/8 Hole set 41.4' 7" cemented 16 sks
20	Shale	37	Drilled 5 5/8 Hole
49	Lime	86	
7	Shale (black)	93	Start 6-14-07
7	Lime	100	Finsh 6-18-07
10	Shale	110	
18	Lime	128	Cemented 2 7/8 6-18-07 Good bleed on pit.
32	Shale	160	
16	Lime	176	
49	Shale	225	
8	Lime	233	
14	Shale	247	4 lime 626
17	Lime	264	12 shale 634 (black)
20	Shale	284	5 lime 693
10	Lime	294	19 shale 658
20	Shale	314	12 lime 671 (soft)
50	Lime	364	10 shale 681
2	Shale	366	2 OIL SD 683
	Coal	369	2 broken 685
2	Shale	371	4 shale 689
24	Lime	395	4 OIL SD 693
3	Coal	398	Shale T.D.
14	Lime	412	
49	Shale	461	
1	Lime	462	
100	Shale	562	
3	OIL SD	565	
16	Shale sandy	581	
5	Lime	586	
3	Shale (black)	589	
19	Lime	608	
14	Shale	622	

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