

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. \_\_\_\_\_

6/8/007 6/9/0807 8/4/06087  
Spud Date or Date Reached TD Completion Date or  
Recompletion Date Recompletion Date

*per paper - KCC Dig*

API No. 15 - 045-21315-0000  
County: Douglas  
NE SE NE NE Sec. 6 Twp. 14 S. R. 21  East  West  
1529 feet from S N (circle one) Line of Section  
173 feet from E (circle one) W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Thoren Well #: 22  
Field Name: Little Wakarusa  
Producing Formation: Squirrel  
Elevation: Ground: 902' Kelly Bushing: \_\_\_\_\_  
Total Depth: 726' Plug Back Total Depth: 718'  
Amount of Surface Pipe Set and Cemented at 42' 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/ 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.: \_\_\_\_\_

*Alt 2 - Dig 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: 3/18/08  
Subscribed and sworn to before me this 18<sup>th</sup> day of March,  
2008.  
Notary Public: Maureen Ellic  
Date Commission Expires: 9/18/2010

**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: RECEIVED  
 Wireline Log Received  
 Geologist Report Received

**MAUREEN ELLIC DISTRIBUTION**  
Notary Public State of Kansas  
My Appt Expires: 9/18/2010

**MAR 24 2008**  
CONSERVATION DIVISION  
WICHITA, KS

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Operator Name: Energex Kansas, Inc. (formerly Midwest Energy, Inc.) Lease Name: Thoren Well #: 22  
 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<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br>Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><i>(Submit Copy)</i><br><br>List All E. Logs Run:<br><br><b>Gamma Ray/Neutron</b> | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>Name Top Datum |
|--|---|

| 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#             | 42'           | Portland       | 16           |                            |
| Production  | 5 5/8"            | 2 7/8"                    | 5.8#              | 718'          | Portland       | 84           |                            |
|   |                   |                           |                   |               |                |              |                            |

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth    |
|----------------|---|---|----------|
| 2 SPF          | 672-682'  | Spot 75 gal. 15% HCL  | 672-682' |
|                |   | 119 bbls. city H2o W KCL, 10sks 20/40, 16sks 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 <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 _____ | RECEIVED<br>KANSAS CORPORATION COMMISSION<br><b>MAR 24 2008</b> |
|--|--|---------------------------|---|

# Drillers Log

Company : Midwest Energy

County: Douglas

Farm: Thoren  
 Well No.: 22  
 API:15-045-21315-0000  
 Surface Pipe: 42.4'--7"

Sec: 6 Twp: 14 Range: 21  
 Location: 1529' FNL  
 Location: 173' FEL  
 Spot: NE SE NE

T.D. Hole 726' T.D. Pipe 718'

Contractor E.K. Energy LLC

| Thickness | Formation     | Depth | Remarks  |
|-----------|---------------|-------|--|
| 14        | Soil & clay   | 14    | "Drilled 9 7/8 hole set 42.4' --7" cemented 16 sks |
| 24        | Shale         | 38    | Drilled 5 5/8 hole                                 |
| 38        | Lime          | 76    |  |
| 7         | Shale (black) | 83    |  |
| 8         | Lime          | 91    | Start 6-8-07                                       |
| 10        | Shale         | 101   | Finsh 6-13-07                                      |
| 17        | Lime          | 118   |  |
| 31        | Shale         | 149   | Cemented 2 7/8 84 sks                              |
| 17        | Lime          | 166   | circulate cement to surface                        |
| 50        | Shale         | 216   |  |
| 10        | Lime          | 226   |  |
| 12        | Shale         | 238   | 10 lime 636  |
| 16        | Lime          | 254   | 13 shale 649                                       |
| 20        | Shale         | 274   | 9 lime 658   |
| 10        | Lime          | 284   | 12 shale 671                                       |
| 22        | Shale         | 306   | 13 Oil SD 684                                      |
| 49        | Lime          | 355   | 10 shale 694                                       |
| 2         | Shale         | 357   | 1 lime 695   |
| 3         | Coal          | 360   | Shale T.D.   |
| 3         | Shale         | 363   |  |
| 22        | Lime          | 385   |  |
| 3         | Coal          | 388   |  |
| 16        | Lime          | 404   |  |
| 48        | Shale         | 452   |  |
| 2         | Lime          | 454   |  |
| 118       | Shale         | 572   |  |
| 7         | Lime          | 579   |  |
| 2         | Coal          | 581   |  |
| 17        | Lime          | 598   |  |
| 16        | Shale         | 614   |  |
| 4         | Lime          | 618   |  |
| 8         | Shale (black) | 626   |  |

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