

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
**WELL COMPLETION FORM**  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

Operator: License # 33741  
Name: EnerJex Kansas, Inc.  
Address: 27 Corporate Woods, Suite 350, 10975 Grandview Drive  
City/State/Zip: Overland Park, KS 66210  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Marcia Littell  
Phone: ( 913 ) 754.7754  
Contractor: Name: Town Oilfield Service, Inc.  
License: 33715  
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. \_\_\_\_\_

<u>02/21/2011</u>	<u>02/22/2011</u>	<u>Not Completed</u>
Spud Date or	Date Reached TD	Completion Date or
Recompletion Date		Recompletion Date

API No. 15 - 045-21642-00-00

County: Douglas

NW NE NW Sec. 7 Twp. 14 S. R. 21 ☒ East ☐ West

5115 feet from S / N (circle one) Line of Section

3135 feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW

Lease Name: Laughlin Well #: 5

Field Name: Wildcat

Producing Formation: Squirrel

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: 818 Plug Back Total Depth: 779

Amount of Surface Pipe Set and Cemented at 43 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

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

If Alternate II completion, cement circulated from 779

feet depth to surface w/ 113 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 0 ppm Fluid volume 0 bbls

Dewatering method used Evaporated

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 Controller Date: 10/13/2011

Subscribed and sworn to before me this 13 day of October

20 11

Notary Public: Nancy M. Harrison

Date Commission Expires: 9/2/2012

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NOTARY PUBLIC STATE OF KANSAS

NANCY M. HARRISON

MY COMMISSION EXPIRES 9/2/2012

Letter of Confidentiality Received

Wired. Yes ☐ Date: \_\_\_\_\_

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Alt 2 - Dlg 10/20/11

Operator Name: Energex Kansas, Inc. Lease Name: Laughlin Well #: 5  
 Sec. 7 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:

☐ Log Formation (Top), Depth and Datum ☐ Sample  
 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	9.75	6.25	23.0#	43'	50/50 Poz	5	
Production	6.00	2.875	5.8#	779'	50/50 poz	113	2% Gel, 1/2# Phenoseal

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
	NA	NA	

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 ☐ Vented ☐ Sold ☐ Used on Lease ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
 (If vented, Submit ACO-18.) ☐ Other (Specify) \_\_\_\_\_

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Douglas County, KS  
Well: Laughlin # 5  
Lease Owner: Enerjex

Town Oilfield Service, Inc.  
(913) 837-8400

Commenced Spudding:  
2/21/2011

## WELL LOG

Thickness of Strata	Formation	Total Depth
15	Soil/Clay	15
100	Shale	115
33	Lime	148-Sandy, Stinks, Water
7	Shale	155-Dark
7	Lime	162
8	Shale	170
18	Lime	188
31	Shale	219
19	Lime	230
5	Shale	243
2	Lime	245
48	Shale	293
9	Lime	302
11	Shale	313
17	Lime	330
17	Shale	347
7	Lime	354
30	Shale	384
6	Lime	390
8	Shale	398
30	Lime	428
6	Shale	434
23	Lime	457
3	Shale	460
5	Lime	465
3	Shale	468
6	Hertha	474
5	Shale	479
11	Sand	490-Oil, Gas, Top 6 Best
130	Shale	620
4	Sand	624-Odor, Oil
16	Shale	640
3	Lime	643
5	Shale	648
2	Lime	650
29	Shale	679
3	Lime	682-Brown
7	Shale	689
1	Lime	690
19	Shale	709

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**PO Box 884, Chanute, KS 66720**  
**620-431-9210 or 800-467-8676**

TICKET NUMBER 27381  
LOCATION Ottawa KS  
FOREMAN Fred Mader

## FIELD TICKET & TREATMENT REPORT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/22/11	2579	Laughlin #5	NW 7	14	21	DG
CUSTOMER Energy Resources						
MAILING ADDRESS 27 Corp. Wds Ste 350						
CITY Dixie/Land Park		STATE KS	ZIP CODE 66210			
			TRUCK #	DRIVER	TRUCK #	DRIVER
			506	Fred	Safety Mfg.	
			368	Ken	KH	
			370	Arden	ARM	
			548	Cecil	CNP	

JOB TYPE <u>Longstring</u>	HOLE SIZE <u>5 5/8"</u>	HOLE DEPTH <u>810'</u>	CASING SIZE & WEIGHT <u>2 3/8" EUE</u>
CASING DEPTH <u>779'</u>	DRILL PIPE _____	TUBING _____	OTHER _____
SLURRY WEIGHT _____	SLURRY VOL _____	WATER gal/sk _____	CEMENT LEFT In CASING <u>2 1/2" Plug</u>
DISPLACEMENT <u>4.538</u>	DISPLACEMENT PSI _____	MIX PSI _____	RATE <u>48 BPM</u>

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel Flush  
Mix + Pump 113 SKS 50/50 Por Mix Cement 2% Gel + 1/2#  
Pheno Seal /sk. Cement to surface. Flush pump + lines clean.  
Displace 2 1/2" Rubber plug to casing TD w/ 4.5 BBL Fresh  
water. Pressure to 800# PSI. Release pressure to set  
Float valve. Shut in casing.

## Tows Drilling

And Mach

[illegible]

Bayin 3737

### AUTHORIZATION

**TITLE**

DATE \_\_\_\_\_

**I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.**