Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1262370

Form ACO-1
August 2013
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35219
Name: Flatland Energy, LLC
Address 1: 4747 TEXAS RD
Address 2:
City: WELLSVILLE State: KS Zip: 66092 + __ __ __ __
Contact Person: Jerid Hoehn
Phone: (913) 940-4757
CONTRACTOR: License # 34036
Name: Leis Oil Services, LLC
Wellsite Geologist: NA
Purchaser:

Designate Type of Completion:

☐ New Well ☑ Re-Entry ☐ Workover

☐ Oil ☐ WSW ☐ SWD ☐ SIOW
☐ Gas ☐ D&A ☑ ENHR ☐ SIGW
☐ OG ☐ GSW ☐ Temp. Abd.
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:

Operator: Enerjex Kansas, Inc.
Well Name: Brownrigg A 43
Original Comp. Date: 2/2/2010 Original Total Depth: 620

☐ Deepening ☐ Re-perf. ☑ Conv. to ENHR ☐ Conv. to SWD
☐ Plug Back ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ ENHR Permit #:
☐ GSW Permit #:

9/1/2015 — Spud Date or Recompletion Date
— Date Reached TD
9/1/2015 — Completion Date or Recompletion Date

API No. 15 - 15-107-24050-00-00
Spot Description:
__ - SW - NE - NW Sec. 30 Twp. 20 S. R. 22 ☑ East ☐ West
4057 Feet from ☐ North / ☑ South Line of Section
3807 Feet from ☑ East / ☐ West Line of Section

Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW

GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Linn
Lease Name: BROWNRIGG A Well #: 43
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 937 Kelly Bushing: 0
Total Vertical Depth: 620 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 21 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from:
feet depth to: w/ sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: 1500 ppm Fluid volume: 80 bbls
Dewatering method used: Evaporated

Location of fluid disposal if hauled offsite:

Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
County: Permit #:

AFFIDAVIT

I am the affiant and I hereby certify that 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.

Submitted Electronically

KCC Office Use ONLY

☐ **Confidentiality Requested**
Date:
☐ **Confidential Release Date:**
☐ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 09/10/2015

1262370

Operator Name: Flatland Energy, LLC Lease Name: BROWNRIGG A Well #: 43

Sec. 30 Twp. 20 S. R. 22 ☑ East ☐ West County: Linn

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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

List All E. Logs Run:

GammaRay/Neutron/CCL

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

Name	Top	Datum
GammaRay	20	GL

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	10	21	Portland	10	50/50 POZ
Production	5.625	2.875	8	600	Portland	100	50/50 POZ

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	-			
	-			

Did you perform a hydraulic fracturing treatment on this well? ☑ Yes ☐ No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☑ No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? ☐ Yes ☐ No *(If No, fill out Page Three of the ACO-1)*

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
2	553.5-574	2" DML RTG	20.5

TUBING RECORD: Size: Set At: Packer At: Liner Run: ☐ Yes ☐ No

Date of First, Resumed Production, SWD or ENHR. Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ 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
(If vented, Submit ACO-18.)

METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)* ☐ Other *(Specify)* _____

PRODUCTION INTERVAL:

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

BIRK PETROLEUM
900 SOUTH 4TH ST
BURLINGTON, KS 66839
OP: #31280

DATE: 02/01/2010	LEASE: BROWN RIGG
EnerJex Kansas, Inc.	WELL: 43
27 Corporate Woods, Ste 350	Description: 4050' FSL; 3810' FEL; 30-20-22E
Overland Park, Ks 66210	County: Linn
Spud: 01/27/10 T.D.: 02/01/10 Complete: 02/01/2010	API: 15-107-24050-00-00

FORMATIONS	FROM	TO	FORMATIONS	FROM	TO
Top Soil	0	2	Almost Solid Oil Sand – Good	550	552
Reddish Clay	2	21	Very Good Oil Sand & Show	552	554
Grey Shale	21	42	Excellent Oil Sand & Show	554	560
Lime	42	59	Oil Sand & Some Shale	560	561
Grey Shale	59	67	Excellent Oil Sand & Show	561	566
Lime	67	101	Very Good Oil Show & Odor	566	569
Grey Shale	101	106	Excellent Oil Sand & Excellent Show	569	574
Black Shale	106	109	Oil Sand & Dark Shale	574	580
Lime	109	110	Black Shale	580	582
Sand	110	121	Shale	582	620
Lime	121	138	T.D. 620'		
Grey Shale	138	146			
Lime	146	150			
Blue-Green Shale	150	174			
Pleasington Grey Shale	174	334	Core Report:		
Lime	334	342	Laminated Oil Sand & Shale strips	532	534
Shale	342	398	Grey Shale w/very few oil spots	534	543 ½
Lime	398	409	Almost Solid Oil Sand – very good	543 ½	546
Shale	409	425	Small Oil Sand Laminated in Shale	546	547
Lime	425	434	Good Solid Oil Sand & Good Oil(Light)	547	549
Shale	434	454			
Lime	454	462			
Shale	462	478			
Lime	478	481			
Grey Shale	481	522			
Sandy Shale Strip (faint odor)	522	523			
Shale	523	525			
Faint Odor in Shale	525	526			
Shale	526	528			
Strip of Oil Sand in Shale	528	529			
Some Sand – Oil Odor	529	530			
Better Sand – Oil Odor	530	532			
Core Point – Core Drill	532	549			
Oil Sand & Some Shale	549	550			

Surface bit: 9 7/8" Surface Casing Length: 21.45' Size: 7" Cement: 10 sx Portland
Drill bit: 5 7/8" T.D.: 620' Long String: 600.01' Size: 2 7/8"

CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 22538
LOCATION Ottawa KS
FOREMAN Fred Mader

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/2/10	2579	Brownrigg 43	NW 30	20	22	LN

CUSTOMER: Energex Kansas, Inc
MAILING ADDRESS: 10975 Grandview Dr
CITY: Overland Park | STATE: KS | ZIP CODE: 66210

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred		
368	Ken		
369	Chuck		
503	Jason		

JOB TYPE Long String | HOLE SIZE 5 7/8 | HOLE DEPTH 640' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 6000 | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 3.5 BBL | DISPLACEMENT PSI | MIX PSI | RATE 4BPM

REMARKS: Establish circulation. Mix + Pump 100# Premium Gel Flush. Mix + Pump 102 sks 50/50 Por Mix Cement 2% Cal. Cement to Surface. Flush pump + lines clean. Displace 2½" Rubber Plug to casing TD w/ 3.5 BBL Fresh water. Pressure to 700# PSI. Release pressure to set Float Valve. Shut in casing

Winn Drilling — Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE Cement Pump	900.00	[illegible]
5406	40 mi	MILEAGE Pump Truck	142.00	[illegible]
5402	600'	Casing Footage		N/C
5407	Minimum	Ton Miles		[illegible] 365.00
5502C	2½ hrs	80 BBL Vac Truck		240.00
1124	100 sks	50/50 Por Mix Cement	9.55	955.00
1118B	272#	Premium Gel	.17	46.24 [illegible]
4402	1	2⅞" Rubber Plug		23.40
		WD #232889		
		5.3%	SALES TAX	52.51
Ravin 3737			ESTIMATED TOTAL	2665.53

AUTHORIZTION _____ TITLE _____ DATE _____