Confidentiality Requested:
☐ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1149094

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 # 33741
Name: Enerjex Kansas, Inc.
Address 1: 2038 S. PRINCETON ST., STE B
Address 2:
City: OTTAWA State: KS Zip: 66067 + _ _ _ _
Contact Person: Amy McFadden
Phone: (785) 241-2228
CONTRACTOR: License # 5786
Name: McGown Drilling, Inc.
Wellsite Geologist: N/A
Purchaser: Coffeyville Resources

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:
Well Name:
Original Comp. Date: Original Total Depth:
☐ 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 #:

5/9/2013	5/17/2013	5/22/2013
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-059-26379-00-00
Spot Description:
E2 - SW - NE - NW Sec. 29 Twp. 18 S. R. 21 ☑ East ☐ West
990 Feet from ☑ North / ☐ South Line of Section
3480 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: Franklin
Lease Name: THOELE SOUTH Well #: BSI-TS23
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1026 Kelly Bushing: 0
Total Vertical Depth: 785 Plug Back Total Depth: 785
Amount of Surface Pipe Set and Cemented at: 22 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: 0 ppm Fluid volume: 0 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: 06/25/2013
☑ **Confidential Release Date:** 06/25/2015
☑ **Wireline Log Received**
☐ **Geologist Report Received**
☑ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** NAOMI JAMES **Date:** 06/25/2013

1149094

Operator Name: Enerjex Kansas, Inc. Lease Name: THOELE SOUTH Well #: BSI-TS23

Sec. 29 Twp. 18 S. R. 21 ☑ East ☐ West County: Franklin

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:

Gamma Ray Neutron

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

Name	Top	Datum
N/A		

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	9.875	7.00	17.0	22.0	70/30 Por Mix	5	
Longstring	5.625	2.875	6.5	780.2	70/30 Por Mix	97	

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
	739.0 - 746.0 22 perfs		

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

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802

Kansas
Corporation Commission

Phone: 316-337-6200
Fax: 316-337-6211
http://kcc.ks.gov/

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

June 21, 2013

Amy McFadden
Enerjex Kansas, Inc.
2038 S. PRINCETON ST., STE B
OTTAWA, KS 66067

Re: ACO1
API 15-059-26379-00-00
THOELE SOUTH BSI-TS23
NW/4 Sec.29-18S-21E
Franklin County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Amy McFadden

McGown Drilling, Inc.
Mound City, Kansas

Operator:
Enerjex Kansas, Inc.
Overland Park, KS

Thoele South BSI-TS 23

Franklin Co, KS
29-18S-21E
API # 059-26379

Spud Date:	5/9/2013	**Surface Bit:**	9.875"
Surface Casing:	7"	**Drill Bit:**	5.875"
Surface Length:	22.0'	**Longstring:**	780.2'
Surface Cement:	5 sx	**Longstring Date:**	5/13/2013

Driller's Log

Top	Bottom	Formation	Comments
0	18	Lime	
18	53	Shale	
53	84	Lime	
84	160	Shale	
160	179	Lime	
179	206	Shale	
206	209	Lime	
209	252	Shale	
252	358	Lime	
358	508	Big Shale	
508	528	Lime	
528	586	Shale & Sand	
586	598	Lime	
598	604	Shale	
604	607	Lime	
607	618	Shale	
618	638	Lime	
638	645	Shale	
645	668	Lime	
668	673	Bl. Shale & Shale	
673	678	Lime	
678	739	Shale	
739	747	Sand	Good oil show
747	785	Shale	
785	**TD**		

913.795.2259 office
620.224.7406 Chris' cell
mcgowndrilling@gmail.com
PO Box K
Mound City, KS

CONSOLIDATED
Oil Well Services, LLC

258944

TICKET NUMBER 41881
LOCATION Ottawa KS
FOREMAN Fred Mader

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

FIELD TICKET & TREATMENT REPORT
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
5/17/13	2579	So Thoele #BSI-TS-23	NW 29	18	21	FR

CUSTOMER: Energy Resources Inc.

MAILING ADDRESS: 10975 Grandview Dr

CITY	STATE	ZIP CODE
Overland Park	KS	66210

TRUCK #	DRIVER	TRUCK #	DRIVER
712	Fre Mad		
495	Her Ber		
505/T106	Jas Ric		
548	Mik Haa		

JOB TYPE Long string HOLE SIZE 6 HOLE DEPTH 785 CASING SIZE & WEIGHT 2 7/8 EUE
CASING DEPTH 778' DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 2½" Plug
DISPLACEMENT 4.52 DISPLACEMENT PSI _____ MIX PSI _____ RATE 5 BPM

REMARKS: Hold crew meeting. Establish pump rate. Mix + Pump * Gel flush. Mix + Pump 5 sks 70/30 Por Mix Cement 2% Gel 5% Salt ½ # Pheno Seal/sk. Cement to surface. Flush pump + lines clean Displace 2½" Rubber plug to casing TD. Pressure to 800 # PSI. Hold + Monitor Pressure for 30 min. MIT. Release pressure to set float Valve. Shut in casing.

McGowan Drilling

Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	495		1085.00
5406	20 mi	MILEAGE	495		84.00
5402	778	Casing footage			N/C
5407	½ Minimum	Ton Miles	548		184.00
5501C	1½ hr	Transport	505/T106		180.00
1127	97 sks	70/30 Por Mix Cement			1294.95
1118B	271#	Premium Gel			59.62
1111	197#	Granulated Salt			76.83
1107A	49#	Pheno Seal			66.15
4402	1.	2½" Rubber Plug			29.50
			7.5%	SALES TAX	119.11
				ESTIMATED TOTAL	3179.16

completed

Ravin 3737

AUTHORIZTION [signature] 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.