KOLAR Document ID: 1428888

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1
January 2018
Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 35122
Name: Lakeshore Operating, LLC
Address 1: 23 1/2 E. MADISON AVE SUITE A
Address 2:
City: IOLA State: KS Zip: 66749 + 3329
Contact Person: JENNIFER R PETERS
Phone: (844) 557-4673
CONTRACTOR: License # 34036
Name: Leis Oil Services, LLC
Wellsite Geologist: N/A
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☑ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☐ EOR
☐ OG ☐ GSW
☐ 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 EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

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

8/27/2018 Spud Date or Recompletion Date
8/31/2018 Date Reached TD
9/25/2018 Completion Date or Recompletion Date

API No.: 15-205-28438-00-00
Spot Description:
NW - NE - NW - NE Sec. 21 Twp. 30 S. R. 16 ☑ East ☐ West
165 Feet from ☑ North / ☐ South Line of Section
1678 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: Wilson
Lease Name: RENN Well #: LO-13
Field Name:
Producing Formation: BARTLESVILLE
Elevation: Ground: 854 Kelly Bushing: 0
Total Vertical Depth: 1183 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 33 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 1178
feet depth to: 0 w/ 134 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: 12/07/2018
☐ **Confidential Release Date:** 12/06/2020
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☐ **UIC Distribution**
ALT ☐ I ☑ II ☐ III **Approved by:** Karen Ritter **Date:** 12/13/2018

Operator Name: Lakeshore Operating, LLC Lease Name: RENN Well #: LO-13

Sec. 21 Twp. 30 S. R. 16 ☑ East ☐ West County: Wilson

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 *(Attach Additional Sheets)*	☐ Yes	☑ No
Samples Sent to Geological Survey	☐ Yes	☑ No
Cores Taken	☐ Yes	☑ No
Electric Log Run	☑ Yes	☐ No
Geologist Report / Mud Logs	☐ Yes	☑ No

List All E. Logs Run:

GAMMA RAY/NEUTRON/CCL

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

Name	Top	Datum

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	17	33	PORTLAND	9	
Production	5.875	2.875	6.5	1178	POZ BLEND IIA	134	

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	-			
	-			

1. Did you perform a hydraulic fracturing treatment on this well? ☐ Yes ☑ No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? ☐ Yes ☐ No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/ Injection:	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:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	Top / Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record *(Amount and Kind of Material Used)*
	938	958			

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Lakeshore Operating, LLC
Well Name	RENN LO-13
Doc ID	1428888

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	9.875	7	17	33	PORTLAND	9	
Production	5.875	2.875	6.5	1178	POZ BLEND IIA	134	

QES

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

11490
11380

TICKET NUMBER 55436
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #814029

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8/31/18	4807	Renn # LO-13	NE 21	30	16	WL

CUSTOMER: Lakeshore Operating
MAILING ADDRESS: 340 S. Laura
CITY: Wichita | STATE: KS | ZIP CODE: 67211

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casken	Safety	Meeting
467	Kei Car		
503	Ala Mad		
675	Kei Det		

JOB TYPE longstring | HOLE SIZE 5 5/8" | HOLE DEPTH 1183 | CASING SIZE & WEIGHT 2 7/8"
CASING DEPTH 1178' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT 6.82 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 200 # Gel followed by 5 bbls fresh water, mixed & pumped 134 sks Portland II A cement w/ 2% gel, 5 # Kolseal, & 1# Phenoseal per sk, cement to surface, flushed pump clean, pumped 2½" rubber plug to casing TD w/ 6.82 bbls fresh water, pressured to 800 PSI, released pressure to set float valve.

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	55 mi	MILEAGE	393.25	
CE0711	min	ton mileage	600.00	
WE0853	4 hrs	80 Vac	400.00	
		trucks	2953.25	
		-30%	885.98	
		subtotal		2067.27
CC5842	134 sks	Portland II A cement	1976.50	
CC5965	430 #	Gel	129.00	
CC6077	670 #	Kolseal	335.00	
CC6079	134 #	Phenoseal	180.90	
CP8176	1	2½" rubber plug	45.00	
		materials	2666.40	
		-30%	799.92	
		subtotal		1866.48
		6.5%	SALES TAX	121.32
			ESTIMATED TOTAL	4055.08 (5792.97)

i7902

SCANNED

Revin 3737

AUTHORIZTION _____ 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.

QES
PRESSURE PUMPING LLC

REMIT TO

QES Pressure Pumping LLC
Dept:970
P.O.Box 4346
Houston,TX 77210-4346

MAIN OFFICE

P.O.Box884
Chanute,KS 66720
620/431-9210,1-800/467-8676
Fax 620/431-0012

Invoice

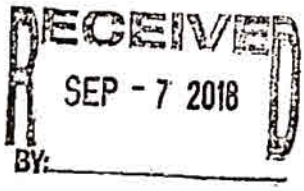
Invoice# 814029

Invoice Date: 08/31/18 Terms: Net 30 Page 1

Lakeshore Operating, LLC c/o GJ & Company, LLC

345 Riverview, Suite 520
Wichita KS 67203
USA

316-267-9211



RENN #LO-13

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	30.000	1,050.00
CE0002	Equipment Mileage Charge - Heavy Equipment	55.000	7.1500	30.000	275.28
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	30.000	462.00
WE0853	80 BBL Vacuum Truck (Cement Services)	4.000	100.0000	30.000	280.00
CC5842	Poz-Blend II A (60:40)	134.000	14.7500	30.000	1,383.55
CC5965	Bentonite	430.000	0.3000	30.000	90.30
CC6077	Kolseal	670.000	0.5000	30.000	234.50
CC6079	PhenoSeal Formica Flakes	134.000	1.3500	30.000	126.63
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	30.000	31.50

Subtotal	5,619.65
Discounted Amount	1,685.90
SubTotal After Discount	3,933.75

Amount Due 5,792.97 If paid after 09/30/18

Tax:	121.32
Total:	4,055.08

Operator License #: 35122	**API #:** 15-205-28438-00-00
Operator: Lakeshore Operating, LLC	**Lease:** Renn
Address: 23 ½ E Madison Ste A Iola, KS 66749	**Well #:** LO-13
Phone: (620) 432-1192	**Spud Date:** 8/27/18 **Completed:** 8/31/18
Contractor License: 34036	**Location:** NW-NE-NW-NE of 21-30S-16E
T.D. : 1183 **T.D. of Pipe:** 1179	165 **Feet From** North
Surface Pipe Size: 7" **Depth:** 33' Cement: 9SKS	1678 **Feet From** East
Kind of Well: Oil	**County:** Wilson

LOG

Thickness	Strata	From	To	Thickness	Strata	From	To
23	Soil/Clay	0	23	21	Sandy Shale	587	608
30	Sandstone	23	53	19	Oil Sand, Odor	608	627
2	Coal	53	55	4	Sand, No Odor	627	631
4	Shale	55	59	3	Oil Sand, Odor	631	634
3	Lime	59	62	4	Sand, No Odor	634	638
49	Shale	62	111	6	Shale	638	644
15	Lime	111	126	22	Lime	644	666
22	Shale	126	148	9	Shale/Black Shale	666	675
52	Lime	148	200	8	Lime	675	683
2	Black Shale	200	202	4	Shale	683	687
3	Lime	202	205	3	Black Shale	687	690
64	Shale	205	269	18	Shale	690	708
18	Lime	269	287	2	Lime	708	710
14	Shale	287	301	36	Shale	710	746
17	Lime	301	318	2	Lime	746	748
40	Shale w/ lime strk	318	358	84	Shale	748	832
3	Lime	358	361	4	Sand/ Light Odor	832	836
12	Shale	361	373	11	Oil Sand / Odor	836	847
4	Lime	373	377	41	Shale	847	888
16	Shale	377	393	4	Hard Oil Sand	888	892
2	Lime	393	395	43	Shale	892	935
35	Shale	395	430	15	Sand / Odor	935	950
9	Lime	430	439	105	Sand	950	1055
115	Shale	439	554	25	Shale	1055	1080
24	Lime	554	578	2	Lime	1080	1082
2	Shale	578	580	8	Soft Lime/Gas Odor	1082	1090
4	Lime	580	584	93	Lime	1090	1183
3	Black Shale	584	587				