KOLAR Document ID: 1419918

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 + ____
Contact Person: Jennifer R Peters
Phone: (844) 5574673
CONTRACTOR: License # 33967
Name: Jackman, Gregory D. & Zachary D. Jackman
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 #:

7/24/2018 Spud Date or Recompletion Date
7/26/2018 Date Reached TD
8/27/2018 Completion Date or Recompletion Date

API No.: 15-207-29616-00-00
Spot Description:
SW- SW- NE -NE Sec. 33 Twp. 23 S. R. 16 ☑ East ☐ West
4248 Feet from ☐ North / ☑ South Line of Section
1313 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: Woodson
Lease Name: FULLER Well #: LOI-16
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1073 Kelly Bushing: 0
Total Vertical Depth: 1107 Plug Back Total Depth:
Amount of Surface Pipe Set and Cemented at: 40 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: 80 ppm Fluid volume: 5000 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: 08/29/2018
☐ **Confidential Release Date:** 08/28/2020
☑ **Wireline Log Received** ☐ **Drill Stem Tests Received**
☐ **Geologist Report / Mud Logs Received**
☑ **UIC Distribution**
ALT ☐ **I** ☑ **II** ☐ **III** **Approved by:** Karen Ritter **Date:** 08/30/2018

Operator Name: Lakeshore Operating, LLC Lease Name: FULLER Well #: LOI-16

Sec. 33 Twp. 23 S. R. 16 ☑ East ☐ West County: Woodson

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:

GRN/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	40	portland	12	
Production	5.875	2.875	6.5	1107	POZ Blend IIA	135	

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)*
3	1015	1025			
3	1058	1074			

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	FULLER LOI-16
Doc ID	1419918

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	40	portland	12	
Production	5.875	2.875	6.5	1107	POZ Blend IIA	135	

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# 813760

Invoice Date: 07/31/18 Terms: Net 30 Page 1

Lakeshore Operating, LLC c/o GJ & Company, LLC
345 Riverview, Suite 520
Wichita KS 67203
USA
316-267-9211

RECEIVED
AUG 06 2018
BY:

FULLER #LOI-16

Part No	Description	Quantity	Unit Price	Discount(%)	Total
CE0450	Cement Pump Charge 0 - 1500'	1.000	1,500.0000	35.000	975.00
CE0002	Equipment Mileage Charge - Heavy Equipment	40.000	7.1500	35.000	185.90
CE0711	Minimum Cement Delivery Charge	1.000	660.0000	35.000	429.00
WE0853	80 BBL Vacuum Truck (Cement Services)	3.000	100.0000	35.000	195.00
CC5842	Poz-Blend II A (60:40)	135.000	14.7500	35.000	1,294.31
CC5965	Bentonite	327.000	0.3000	35.000	63.77
CC6077	Kolseal	675.000	0.5000	35.000	219.38
CC6079	PhenoSeal Formica Flakes	135.000	1.3500	35.000	118.46
CP8176	2 7/8" Top Rubber Plug	1.000	45.0000	35.000	29.25

Subtotal	5,400.10
Discounted Amount	1,890.04
SubTotal After Discount	3,510.06

Amount Due 5,599.16 If paid after 08/30/18

Tax:	129.39
Total:	3,639.46

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

SM - 11233
PO - 17524
FT - 11123

TICKET NUMBER 54086
LOCATION Ottawa, KS
FOREMAN Casey Kennedy

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #813760

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
7/24/18	4807	Fuller # LOI-16	NW33	23	16	WO

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

TRUCK #	DRIVER	TRUCK #	DRIVER
729	Casken	Safety	Meeting
495	HarBec		
804	Josh Vanderman		
675	Kei Cac		

JOB TYPE longstring | HOLE SIZE 5 7/8" | HOLE DEPTH 1107' | CASING SIZE & WEIGHT 2 7/8" EUE
CASING DEPTH 1100' | DRILL PIPE | TUBING | OTHER
SLURRY WEIGHT | SLURRY VOL | WATER gal/sk | CEMENT LEFT in CASING
DISPLACEMENT 6.37 bbls | DISPLACEMENT PSI | MIX PSI | RATE 4 bpm

REMARKS: held safety meeting, established circulation, mixed & pumped 100# Gel followed by 5 bbls fresh water, mixed & pumped 135 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/ 6.37 bbls fresh water, pressured to 800 PSI, well held pressure for 30 min MIT, 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	40 mi	MILEAGE	28e.00	
CE0711	min	ton mileage	160.00	
WE0853	3 hrs	80 Vac	300.00	
		trucks	2746.00	
		-35%	961.10	
		subtotal		1784.90
CC5842	135 sks	Portland II A cement	1991.25	
CC5965	327 #	Gel	98.10	
CC6077	675 #	Kolseal	337.50	
CC6079	135 #	Phenoseal	182.25	
CP8176	1	2½" rubber plug	45.00	
		materials	2654.10	
		-35%	928.94	
		subtotal		1725.16
		7.5%	SALES TAX	129.39
			ESTIMATED TOTAL	3639.46
				(5599.16)

SCANNED

Ravin 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.

Jackman Oilfield Services
1 West Mulberry St.
Colony, KS 66015
620-852-3350

WELL LOG
Lakeshore Operating, LLC
Fuller LOI-16

July 24, 2018

Thickness of Strata	Formation	Total	
12.00	overburden	12.00	
28.00	lime	40.00	
20.00	clay & shale	60.00	
140.00	shale	200.00	
20.00	lime	220.00	
60.00	lime w/churt	280.00	
24.00	shale	304.00	
26.00	lime	330.00	
4.00	shale	334.00	
76.00	lime	410.00	
28.00	lime/shale	438.00	
7.00	chalky lime	445.00	
52.00	white lime	497.00	
3.00	coal	500.00	
11.00	shale	511.00	
4.00	lime	515.00	
25.00	shale	540.00	
11.00	lime	551.00	
4.00	coal	555.00	
5.00	sandy/lime	560.00	
83.00	lime	643.00	
2.00	coal	645.00	
30.00	lime	675.00	
188.00	shale	863.00	
7.00	lime	870.00	odor
3.00	coal	873.00	
7.00	lime	880.00	
20.00	sandy/lime	900.00	
38.00	shale	938.00	
2.00	lime	940.00	
17.00	shale	957.00	
3.00	lime	960.00	

36.00	shale	996.00	
11.00	lime	1,007.00	odor
10.00	shale	1,017.00	
1.00	lime	1,018.00	
2.00	sandy	1,020.00	light bleed;good odor
20.00	shale	1,040.00	
3.00	lime	1,043.00	
12.00	sand	1,055.00	light bleed; odor
15.00	sand	1,070.00	bleed; light odor
8.00	shale	1,078.00	
5.00	lime	1,083.00	
24.00	shale	1,107.00	TD

Drilled a 9 7/8" hole to 40'
Drilled a 5 7/8" hole to 1107'

Set 40' of 7" surface casing cemented with 12 sacks of portland cement
Ran 1100' of 2 7/8"
No cores
No seating nipple

Will be cemented on 7/27/18

Fuller LOI-16