Confidentiality Requested:
☐ Yes ☑ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1336113

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 # 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: Greg Jackman
Phone: (620) 363-4887
CONTRACTOR: License # 33967
Name: Jackman, Gregory D. & Zachary D. Jackman
Wellsite Geologist: Driller
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:
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 #:

10/6/2016 Spud Date or Recompletion Date
10/7/2016 Date Reached TD
10/11/2016 Completion Date or Recompletion Date

API No. 15 - 15-207-29375-00-00
Spot Description:
SE - SW - NE - NW Sec. 8 Twp. 24 S. R. 16 ☑ East ☐ West
4125 Feet from ☐ North / ☑ South Line of Section
3586 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: MCHONE Well #: LO-14
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 1064 Kelly Bushing: 1066
Total Vertical Depth: 1107 Plug Back Total Depth: 1100
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: 5000 ppm Fluid volume: 200 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:** Karen Ritter **Date:** 03/08/2017

[redacted]

1336113

Operator Name: Lakeshore Operating, LLC Lease Name: MCHONE Well #: LO-14

Sec. 8 Twp. 24 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 ☐ 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:

GR
CCL
Neutron

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

Name	Top	Datum
Squirrel	1018	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	9.875	7	23	40	Portland	10	0
Production	5.875	2.875	6.5	1100	pozblend	156	0

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

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:

Form	ACO1 - Well Completion
Operator	Lakeshore Operating, LLC
Well Name	MCHONE LO-14
Doc ID	1336113

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	23	40	Portland	10	0
Production	5.875	2.875	6.5	1100	pozblend	156	0

808808

6832/6739

TICKET NUMBER 50312
LOCATION Ottawa KS
FOREMAN Fred Mader

CONSOLIDATED
Oil Well Services, LLC

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
10-11-16	4807	McHenry # LO-14	NW 8	24	16	WO

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

TRUCK #	DRIVER	TRUCK #	DRIVER
712	FireMad		
495	MarBac		
675	Kibey		
804	MikHen		

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 25" Plug
DISPLACEMENT 6.4 Bbl | DISPLACEMENT PSI | MIX PSI | RATE 4BPM

REMARKS: Held Safety Meeting. Establish circulation. Mixed Pump 100# Gel Flush. Mix & Pump 156 sks Pozz Blend II A Cement 2% Gel 5# Kol Seal 1# Pheno Seal/sk. Cement to Surface. Flush pump & lines clean. Displace 2 1/2" Rubber Plug to casing TD. Pressure to 800# PSI. Release pressure to set float Valve. Shut in Casing

Jackman Oil Well Service. Fred Mader

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE 0450	1	PUMP CHARGE	495	
CE 0002	—	MILEAGE		
CE 0711	Minimum	Ton Miles Delivery		
CE 0853	2hrs	80 BBL Vac Truck	675	
		Sub Total		
		Less 47%		
CC 5842	156 SKs	Pozz Blend II A Cement		
CC 5965	312#	Bentonite Gel		
CC 6077	780#	Kol Seal		
CC 6079	156#	Pheno Seal		
CP 8176	1	2 1/2" Rubber Plug		
		Sub Total		
		Less 47%		
				7.5%

Ravin 3737

AUTHORIZTION _____ TITLE _____

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
McHone LO-14

October 6, 2016

Thickness of Strata	Formation	Total
3.00	Soil	3.00
2.00	Clay	5.00
13.00	Sandstone	18.00
3.00	Limestone	21.00
16.00	Shale	37.00
5.00	Lime	42.00
170.00	Shale	212.00
49.00	Lime	261.00
11.00	Shale	272.00
250.00	Lime	522.00
51.00	Shale	573.00
13.00	Lime	586.00
82.00	Shale	668.00
4.00	Lime	672.00
203.00	Shale	875.00
6.00	Lime	881.00
44.00	Shale	925.00
11.00	Lime	936.00
23.00	Shale	959.00
16.00	Lime	975.00
7.00	Shale	982.00
9.00	Lime	991.00
15.00	Shale	1,006.00
2.00	Lime	1,008.00
7.00	Shale	1,015.00
3.00	Lime	1,018.00
2.00	Oil Sand	1,020.00
4.00	Oil Sand	1,024.00
1.00	Oil Sand	1,025.00
23.00	Shale	1,048.00
2.00	Lime	1,050.00
10.00	Shale	1,060.00
10.00	Oil Sand	1,070.00

4.00		Broken oil sand	1,074.00	
4.00	-	Sandy shale	1,078.00	
29.00		Shale	1,107.00	TD

Drilled a 9 7/8" hole to 39.5'
Drilled a 5 7/8" hole to 1107'

Set 40' of 7" surface casing cemented with 10 sacks of portland cement
Ran 1100' of 2 7/8"
No seating nipple
Cemented on 10/11/16

Mchone LO-14