

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

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 #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ 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: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

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 Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

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 <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> 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

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> 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: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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PRESSURE PUMPING LLC
PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

11603
11490

TICKET NUMBER 55480
LOCATION Chanute, KS
FOREMAN Jim Green

FIELD TICKET & TREATMENT REPORT
CEMENT

Invoice #814139

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
09-14-18	4807	Fuller # 2052	NW 33	23	16	WO
CUSTOMER <u>Lake Shore Operating</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS <u>340 S Hwy.</u>			<u>6691</u>	<u>Jim Gre</u>		
CITY <u>Wichita</u>			<u>4671</u>	<u>Ket Car</u>		
STATE <u>KS</u>	ZIP CODE <u>67211</u>		<u>6751</u>	<u>Ket Dec</u>		
			<u>503</u>	<u>Har Bel</u>		
JOB TYPE <u>Long Spring</u>	HOLE SIZE <u>5 7/8"</u>	HOLE DEPTH <u>1144'</u>	CASING SIZE & WEIGHT <u>2 7/8"</u>			
CASING DEPTH <u>1135'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			

REMARKS: Held safety meeting. Established circulation mix and pump 100# Gel to flush hole. Followed with 156sk Poz Blend II A Cement w/ 290 gel, 5" KOL-seal, 1" Pheno Seal. Circulated cement to surface. Flush pump clear of cement. Pump 2 7/8" casing with fresh water pressure up to 600 PSI well held good. Set filter.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
CE0450	1	PUMP CHARGE	1500.00	
CE0002	40	MILEAGE	286.00	
CE0711	min	Ten Mileage	660.00	
WE0855	2.5	80/Vac	250.00	
		Trucks	2696.00	
		- 35%	943.60	
		Sub Total		1952.00
CC5842	156sk	Poz Blend II A Cement	2301.00	
CC5965	368"	Gel	110.40	
CC6077	280"	KOL-seal	390.00	
CC6079	156"	Pheno Seal	210.60	
CP8176	one	2 7/8" Rubber Plug	45.00	
		Materials	2057.00	
		- 35%	1069.95	
		SCANNED		1987.05
				7.5%
		SALES TAX		149.03
		ESTIMATED TOTAL		3886.48

Ravin 3737

AUTHORIZATION: IV

TITLE

DATE

3886.48
5982.28

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 LO-52

September 11, 2018

<u>Thickness of Strata</u>	<u>Formation</u>	<u>Total</u>
18.00	clay/shale	18.00
4.00	lime	22.00
12.00	shale	34.00
9.00	lime	43.00
2.00	shale	45.00
15.00	lime	60.00
163.00	shale	223.00
15.00	lime	238.00
3.00	shale	241.00
53.00	sandy/lime	294.00
14.00	shale	308.00
50.00	lime	358.00
7.00	white sand	365.00
93.00	lime	458.00
45.00	white sand	503.00
12.00	lime	515.00
4.00	coal	519.00
9.00	shale	528.00
4.00	lime	532.00
31.00	shale	563.00
13.00	lime	576.00
4.00	shaley/lime	580.00
26.00	lime	606.00
2.00	coal	608.00
30.00	lime	638.00
2.00	coal	640.00
26.00	lime	666.00
2.00	coal	668.00
26.00	lime	694.00
2.00	sand	696.00
150.00	shale	846.00
2.00	coal	848.00

8.00	shale	856.00	
3.00	lime	859.00	
26.00	shale	885.00	
1.00	coal	886.00	
7.00	lime	893.00	
84.00	shale	977.00	
1.00	lime	978.00	
4.00	coal	982.00	
36.00	shale	1,018.00	
2.00	shaley/lime	1,020.00	
6.00	lime	1,026.00	
2.00	coal	1,028.00	
3.00	shale	1,031.00	
1.00	lime	1,032.00	
8.00	broken sand	1,040.00	good odor/good bleed
32.00	sandy/shale	1,072.00	
28.00	broken sand	1,100.00	good bleed/good odor
43.00	shale	1,143.00	TD

Drilled a 9 7/8" hole to 40'

Drilled a 5 7/8" hole to 1143'

Set 40' 7" of surface casing cemented with 10 sacks of portland cement

Ran 1135' of 2 7/8"

No cores

No seating nipple

Will be cemented 9/14/18

Fuller LO-52