CORRECTION #1

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1209198

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 # 5135
Name: Farmer, John O., Inc.
Address 1: 370 W WICHITA AVE
Address 2: PO BOX 352
City: RUSSELL State: KS Zip: 67665 + 2635
Contact Person: Marge Schulte
Phone: (785) 483-3144
CONTRACTOR: License # 31548
Name: Discovery Drilling
Wellsite Geologist: Austin Klaus
Purchaser: Coffeyville Resources Refining & Marketing, LLC

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 #:

12/18/2013 Spud Date or Recompletion Date
01/09/2014 Date Reached TD
02/18/2014 Completion Date or Recompletion Date

API No. 15 - 15-167-23930-00-00
Spot Description: SE NW SE SE
SE - NW - SE - SE Sec. 1 Twp. 15 S. R. 14 ☐ East ☑ West
695 Feet from ☐ North / ☑ South Line of Section
690 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: Russell
Lease Name: Gage Well #: 1
Field Name: Trapp
Producing Formation: Lansing/KC
Elevation: Ground: 1862 Kelly Bushing: 1870
Total Vertical Depth: 3400 Plug Back Total Depth: 3375
Amount of Surface Pipe Set and Cemented at: 468 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: 33000 ppm Fluid volume: 880 bbls
Dewatering method used: Hauled to Disposal
Location of fluid disposal if hauled offsite:
Operator Name: John O. Farmer, Inc.
Lease Name: Ehrlich A11 License #: 5135
Quarter NW Sec. 18 Twp. 16 S. R. 13 ☐ East ☑ West
County: Barton Permit #: D30442.0

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: 04/11/2014
☑ **Confidential Release Date:** 04/10/2016
☑ **Wireline Log Received**
☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 06/06/2014

CORRECTION #1
Page Two

[redacted]

1209198

Operator Name: Farmer, John O., Inc. Lease Name: Gage Well #: 1

Sec. 1 Twp. 15 S. R. 14 ☐ East ☑ West County: Russell

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:
Attached

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

Name: Attached Top: Attached Datum: Attached

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	12.25	8.625	23	468	Common	200	3% C.C., 2% gel
Production	7.875	5.50	14	3397	ASC	130	

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	3332-3342	Common	50	
	-			

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
Attached	Attached	Attached	Attached

TUBING RECORD: Size: 2.875 Set At: 3370' Packer At:

Liner Run: ☐ Yes ☑ No

Date of First, Resumed Production, SWD or ENHR. 02/27/2014

Producing Method: ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)*

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	6.68		4.30		

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:
3074-3243' OA

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Gage 1
Doc ID	1209198

All Electric Logs Run

Compensated Density Neutron Log
Micro Resistivity Log
Dual Induction Log
Cement Bond Log

Form	ACO1 - Well Completion
Operator	Farmer, John O., Inc.
Well Name	Gage 1
Doc ID	1209198

Tops

Name	Top	Datum
Anhydrite	853'	(+1017)
Topeka	2750'	(-880)
Heebner	2980'	(-1110)
Toronto	2996'	(-1126)
Lansing	3044'	(-1174)
Base/KC	3296'	(-1426)
Arbuckle	3326'	(-1456)
L.T.D.	3400'	(-1530)

Form	ACO1 - Well Completion
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Perforations

Shots Per Foot	Perforation Record	Material Record	Depth
4	3332-42' (Arbuckle)	350 gals. 15% NE acid	(Non-productive) squeezed w/50 sks.
4	3349-53', 3332-40' (Arbuckle)	None - completed natural	(Non-productive) set BP @ 3346'
4	3234-43' (L/KC J zone)	1000 gals. 15% NE acid	
4	3215-20' (L/KC I zone)	1000 gals. 15% NE acid (I & J)	1500 gals. 28% acid (I & J)
4	3113-32' (L/KC E-F zone)	1000 gals. 15% NE acid (E & F)	
4	3074-81' (L/KC C zone)	750 gals. 15% NE acid	
4	3000-03' (Toronto)	500 gals. 15% NE acid	(Non-productive)

Form	ACO1 - Well Completion
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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	12.25	8.625	23	468	Common	200	3% C.C., 2% gel
Production	7.875	5.50	14	3397	ASC	130	

Marge Schulte

From: Marge Schulte
Sent: Thursday, June 05, 2014 1:49 PM
To: 'Rick Hestermann'
Subject: RE: Gage #1

Thank you for the response Rick. I will file a KOLAR correction on the ACO-1, and I realized I had mentioned the incorrect zone that is non-productive – it is the Toronto instead of the Lansing.

Marge

From: Rick Hestermann [mailto:r.hestermann@kcc.ks.gov]
Sent: Thursday, June 05, 2014 1:25 PM
To: Marge Schulte
Subject: Gage #1

Marge,

If the Lansing perfs are not productive, then I would file a correction on the ACO-1 removing it as a productive interval. This would preclude the necessity of filing an ACO-4 for commingling.

Rick

Rick Hestermann, Production Dept.
Conservation Division
Kansas Corporation Commission
130 S. Market St | Wichita, KS | 67202-3802
Phone (316) 337-6200 | Fax (316) 337-6211

Marge Schulte

From: Marge Schulte
Sent: Thursday, June 05, 2014 10:59 AM
To: 'r.hestermann@kcc.ks.gov.'
Subject: 15-167-23930-00-00

Good morning Rick,

I had originally filed the ACO-I for our new Gage #1 well as Commingled production (Toronto & Lansing). Only 3' of the ~~Lansing~~ Toronto was perforated, and John III has informed me that the acid job was so "tight" on completion "that the zone could not produce much of anything" – probably just a trace. In this case – I assume the ACO-4 would not be necessary or should I make any kind of corrective adjustment to the ACO-I through KOLAR?

Marge Schulte
John O. Farmer, Inc.
P.O. Box 352
Russell, KS 67665
(785) 483-3145, Ext. 214
FAX: (785) 483-6020
marge.schulte@johnofarmer.com

Summary of Changes

Lease Name and Number: Gage 1

API/Permit #: 15-167-23930-00-00

Doc ID: 1209198

Correction Number: 1

Approved By: NAOMI JAMES

Field Name	Previous Value	New Value
Approved Date	04/14/2014	06/06/2014
Method Of Completion - Commingled	Yes	No
Producing Formation	Toronto & Lansing/KC	Lansing/KC
Production Interval #1	3000-3243' OA	3074-3243' OA
Save Link	../../kcc/detail/operatorEditDetail.cfm?docID=1198439	../../kcc/detail/operatorEditDetail.cfm?docID=1209198

Summary of Attachments

Lease Name and Number: Gage 1

API: 15-167-23930-00-00

Doc ID: 1209198

Correction Number: 1

Attachment Name

Gage #1 E-mails

Confidentiality Requested:
☑ Yes ☐ No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

1198439

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August 2013
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CONFIDENTIAL

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KCC Office Use ONLY

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☑ **Geologist Report Received**
☐ **UIC Distribution**
ALT ☑ **I** ☐ **II** ☐ **III** **Approved by:** NAOMI JAMES **Date:** 04/14/2014