

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31280

Name: Birk Petroleum

Address 1: 874 12th Rd SW

Address 2: \_\_\_\_\_

City: Burlington State: Ks Zip: 66839 + \_\_\_\_\_

Contact Person: Brian L. Birk

Phone: (620) 364-1311 - office

CONTRACTOR: License # 31280

Name: Birk Petroleum

Wellsite Geologist: None

Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well    \_\_\_\_\_ Re-Entry    \_\_\_\_\_ Workover
- Oil    \_\_\_\_\_ SWD    \_\_\_\_\_ SIOW
- \_\_\_\_\_ Gas    \_\_\_\_\_ ENHR    \_\_\_\_\_ SIGW
- \_\_\_\_\_ CM (Coal Bed Methane)    \_\_\_\_\_ Temp. Abd.
- \_\_\_\_\_ Dry    \_\_\_\_\_ Other \_\_\_\_\_  
(Core, WSW, Expl., Cathodic, 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: \_\_\_\_\_ Plug Back Total Depth

\_\_\_\_\_ Commingled    Docket No.: \_\_\_\_\_

\_\_\_\_\_ Dual Completion    Docket No.: \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Enhr.?)    Docket No.: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
<u>04/20/2009</u>	<u>04/22/2009</u>	<u>04/22/2009</u>

API No. 15 - 031-22379-0000

Spot Description: \_\_\_\_\_

SW NE NW NW Sec. 22 Twp. 22 S. R. 16  East  West

4685 Feet from  North /  South Line of Section

4325 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Coffey

Lease Name: Klaus Well #: 23

Field Name: Neosho Falls-LeRoy

Producing Formation: Squirrel

Elevation: Ground: 1026 est. Kelly Bushing: \_\_\_\_\_

Total Depth: 1027' Plug Back Total Depth: 1027'

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: 1018

feet depth to: surface w/ 120 <sup>sx cmt.</sup>

Alt 2 - Dlg - 6/23/09

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: pump out

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: [Signature]

Title: Operator Date: 5/20/09

Subscribed and sworn to before me this 20<sup>th</sup> day of May

09

Notary Public: [Signature]

Date Commission Expires: January 22, 2012

**KCC Office Use ONLY**

N Letter of Confidentiality Received

If Denied, Yes  Date: \_\_\_\_\_

\_\_\_\_\_ Wireline Log Received

\_\_\_\_\_ Geologist Report Received **RECEIVED**

\_\_\_\_\_ UIC Distribution

**MAY 22 2009**

**LAURA C. BIRK**  
Notary Public - State of Kansas  
My Appt. Expires 01/22/2012

**KCC WICHITA**

Operator Name: Birk Petroleum Lease Name: Klaus Well #: 23  
 Sec. 22 Twp. 22 S. R. 16  East  West County: Coffey

**INSTRUCTIONS:** Show important tops and base 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. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input checked="" type="checkbox"/> Sample  Name Top Datum See attached drill log
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CASING RECORD <input type="checkbox"/> New <input checked="" 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
surface	9 7/8"	7"		40'	Portland	16	calcium
Long String	5 7/8"	2 7/8"		1018'	Portland	120	

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				

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
	Open hole completion 1018-1027'		

TUBING RECORD: Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or Enhr. pending Producing Method:  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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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 checked="" type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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**B & B COOPERATIVE VENTURES**  
**900 South 4<sup>th</sup>**  
**Burlington, Ks 66839**  
**620-364-1311**  
**BIRK PETROLEUM LIC. #31280**

<b>DATE: 04/22/2009</b>	<b>Lease: KLAUS</b>
<b>Operator: Birk Petroleum</b>	<b>Well No.: 23</b>
<b>900 South 4<sup>th</sup> St.</b>	<b>API: 15-031-22379-0000</b>
<b>Burlington, Ks 66839</b>	<b>Description: 22-22-16E; 4685' FSL; 4325' FeL</b>
<b>Spud: 04/20/09 T.D.: 4/22/09 Complete: 4/22/09</b>	<b>County: Coffey</b>

<b>Formations</b>	<b>From</b>	<b>To</b>	<b>Formations</b>	<b>From</b>	<b>To</b>
Top Soil	0	3	Shale	823	829
Clay	3	22	Lime	829	837
River Gravel	22	28	Shale	837	841
Lime	28	48	Lime	841	850
Lime/Shale	48	85	Shale	850	865
Lime	85	86	Lime	865	870
Shale	86	250	Shale	870	892
Lime	250	268	Lime	892	900
Shale	268	274	Black Shale/Shale	900	922
Coal	274	276	Lime	922	927
Lime	276	311	Shale	927	942
Shale	311	364	Lime	942	947
Lime	364	385	Shale	947	965
Shale	385	407	Lime	965	971
Lime	407	431	Shale	971	975
Shale	431	435	Lime (5')	975	980
Lime	435	485	Shale/Mulky	980	995
Shale	485	490	Mulky	995	1009
Shale/Lime	490	495	2 <sup>nd</sup> Cap	1009	1019
Shale/Red Shale	495	517	Oil Sand	1019	1024
Broken Lime	517	520	T.D.	1027	
Shale	520	534			
Lime	534	595			
Shale	595	599			
Lime	599	622			
Shale	622	627			
Lime	627	651			
Shale	651	805			
Lime	805	823			

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KLAUS #23 CON'T

Formations	From	To	Formations	From	To

Surface bit: 9 3/4"      Length: 40'      Size: 7"      Cement: 16 sx circ. To surface  
Drill bit: 5 7/8"      T.D.: 1027'      Long String: 2 7/8" @ 1018'

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# Meier's Ready Mix, Inc.

Plant  
(785) 233-9900

P.O. Box 8477 • 1105 N.W. Lower Silver Lk. Rd. • Topeka, Kansas 66608  
FAX # 233-9947

Office  
(785) 233-2423

PLANT	TIME	DATE	ACCOUNT	TRUCK	DRIVER	TICKET
CUSTOMER NAME <b>Bert Od</b>				DELIVERY ADDRESS <b>Klaus # 23</b>		
PURCHASE ORDER		ORDER #	TAX			SLUMP

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
			<b>120</b>	<b>120</b>		<b>902.40</b>
						<b>47.82</b>
						<b>950.22</b>

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
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DRIVER Note here if water has been added and how much.

NOTE

IMPORTANT

We are not responsible for concrete freezing after placement.

We cannot be held responsible for damage caused by our trucks when delivering material beyond the curb-line. Not responsible for quality of concrete if water is added by purchaser.

**272285**

SUBTOTAL  
TAX  
TOTAL  
PREVIOUS TOTAL  
GRAND TOTAL \_\_\_\_\_

**Caution:**  
**FRESH CONCRETE**  
Body or eye contact with fresh (moist) concrete should be avoided because it contains alkali and is caustic.

Received By \_\_\_\_\_

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KCC WICHITA