

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
October 2008

Form Must Be Typed  
**ORIGINAL**

**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 \_\_\_\_\_ SLOW \_\_\_\_\_

\_\_\_\_\_ 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.: \_\_\_\_\_

07/15/2009 07/16/2009 07/17/2009

Spud Date or \_\_\_\_\_ Date Reached TD \_\_\_\_\_ Completion Date or \_\_\_\_\_  
Recompletion Date \_\_\_\_\_ Recompletion Date \_\_\_\_\_

API No. 15 - 031-22442-0000

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

SE SE SW SW Sec. 15 Twp. 22 S. R. 16  East  West

180 Feet from  North /  South Line of Section

3968 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE  NW  SE  SW

County: Coffey

Lease Name: Raymond Klaus Well #: 4

Field Name: Neosho Falls-LeRoy

Producing Formation: Squirrel

Elevation: Ground: 1021 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: 1017

feet depth to: surface w/ 125 sx cmt.

Drilling Fluid Management Plan Alt II NCR 8-27-09  
(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 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: Agent Date: 08/19/09

Subscribed and sworn to before me this 19th day of August

20 09

Notary Public: [Signature]

Date Commission Expires: January 22, 2012

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

**KCC Office Use ONLY**

Letter of Confidentiality Received

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

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

\_\_\_\_\_ Geologist Report Received

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

Operator Name: Birk Petroleum Lease Name: Raymond Klaus Well #: 4  
 Sec. 15 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 checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum see attached drill log
--	--

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
Surface	9 7/8"	7"		40'	Portland	16	calcium
Long String	6"	2 7/8"		1017'	Portland	125	

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
None	Open hole completion 1017-1027'	Frac w/42 sx sand	1017-1027'

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	KCC WICHITA
Date of First, Resumed Production, SWD or Enhr. 08/01/2009		Producing Method: <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)	
Estimated Production Per 24 Hours	Oil Bbls. 5	Gas Mcf	Water Bbls. 7
		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 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: _____ _____
---	---	--

**BIRK PETROLEUM  
900 SOUTH 4<sup>TH</sup> ST  
BURLINGTON, KS 66839  
OP: #31280**

<b>DATE: 07/17/2009</b>	<b>LEASE: RAYMOND KLAUS</b>
Birk Petroleum	WELL: 4
874 12 <sup>TH</sup> Rd SW	Description: 180' FSL; 3968' FEL; 15-22-16E
Burlington, Ks 66839	County: Coffey
Spud: 07/15/2009 T.D.: 7/16/2009 Complete: 7/17/2009	API: 15-031-22442-0000

FORMATIONS	FROM	TO	FORMATIONS	FROM	TO
Top Soil	0	3	Shale	765	832
Clay	3	15	Lime	832	844
River Gravel	15	30	Shale	844	938
Shale	30	32	Lime	938	950
Lime	32	35	Shale	950	1018
Shale/Lime	35	61	Oil Sand	1018	1029
Shale	61	241	T.D. 1029'		
Lime	241	250			
Shale	250	258			
Lime	258	273			
Shale	273	294			
Lime	294	295			
Shale	295	301			
Lime	301	303			
Shale	303	314			
Lime	314	328			
Shale	328	353			
Lime	353	356			
Shale	356	378			
Lime	378	390			
Shale	390	412			
Lime	412	446			
Shale	446	473			
Lime	473	480			
Shale	480	490			
Lime	490	495			
Shale/Little Red Shale	495	520			
Lime	520	594			
Shale	594	608			
Lime(Fluorescence at 630)	608	655			
Shale	655	690			
Lime	690	694			
Shale	694	761			
Lime	761	765			

RECEIVED  
AUG 21 2009  
KCC WICHITA

Surface bit: 9 7/8"      Surface Casing Length: 40'      Size: 7"      Cement: 16 sx Portland  
Drill bit: 6"      T.D.: 1029'      Long String: 1017'      Size: 2 7/8"



# 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
		7/17/09				
CUSTOMER NAME				DELIVERY ADDRESS		
Bark Oil				Raymond Klaus #4		
PURCHASE ORDER		ORDER #	TAX	Pick up		SLUMP

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
		Pacl 10872	5875			11750
		125 Bag Plant				875

LEAVE PLANT	ARRIVE JOB SITE	START DISCHARGE	FINISH DISCHARGE	ARRIVE PLANT
-------------	-----------------	-----------------	------------------	--------------

DRIVER Note here if water has been added and how much.

**NOTE**

We are not responsible for concrete freezing after placement.

**IMPORTANT**

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.

273980

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

SUBTOTAL 940.00  
 TAX 49.82  
 TOTAL 989.82  
 PREVIOUS TOTAL  
 GRAND TOTAL

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

RECEIVED  
 AUG 21 2009  
 KCC WICHITA