

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

ORIGINAL

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.: \_\_\_\_\_  
05/12/2009 05/15/2009 05/15/2009  
Spud Date or Date Reached TD Completion Date or Recompletion Date

API No. 15 - 031-22380-0000  
Spot Description: \_\_\_\_\_  
NE \_\_\_\_\_ SW \_\_\_\_\_ NE \_\_\_\_\_ NW \_\_\_\_\_ Sec. 22 Twp. 22 S. R. 16 ☒ East ☐ West  
4320 Feet from ☐ North / ☒ South Line of Section  
3603 Feet from ☒ East / ☐ West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
☐ NE ☐ NW ☒ SE ☐ SW  
County: Coffey  
Lease Name: Klaus Well #: 20  
Field Name: Neosho Falls-LeRoy  
Producing Formation: Squirrel Sand  
Elevation: Ground: 1032' est. Kelly Bushing: \_\_\_\_\_  
Total Depth: 1022' Plug Back Total Depth: 1022'  
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: 1013'  
feet depth to: surface w/ 130 <sup>sx cmf.</sup>

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: Laura C. Birk  
Title: Agent Date: 07/09/09  
Subscribed and sworn to before me this 9th day of July,  
2009.  
Notary Public: Laura C. Birk  
Date Commission Expires: January 22, 2012

KCC Office Use ONLY

☒ Letter of Confidentiality Received  
If Denied, Yes ☐ Date: \_\_\_\_\_  
☐ Wireline Log Received  
☐ Geologist Report Received KANSAS CORPORATION COMMISSION  
☐ UIC Distribution

JUL 10 2009

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

RECEIVED

Operator Name: Birk Petroleum Lease Name: Klaus Well #: 20  
 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 ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No  
 (Submit Copy)

List All E. Logs Run:

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

Name Top Datum

See attached drill log

### 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 7/8"	7"		40'	Portland	16	Calcium
Long String	5 7/8"	2 7/8"		1013'	Portland	130	

### 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 1013-1022'	Frac w/42 sx sand	1013-1022
TUBING RECORD:	Size: Set At: Packer At:	Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Date of First, Resumed Production, SWD or Enhr. 6/11/2009	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. 10 Gas Mcf Water Bbls. 5 Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Solid <input type="checkbox"/> Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: <input 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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**BIRK PETROLEUM  
900 SOUTH 4<sup>TH</sup> ST  
BURLINGTON, KS 66839  
OP: #31280**

<b>DATE: 05/15/2009</b>	<b>LEASE: KLAUS</b>
Birk Petroleum	<b>WELL: 20</b>
874 12 <sup>TH</sup> Rd SW	Description: 4320' FSL; 3603' FEL; 22-22-16E
Burlington, Ks 66839	County: Coffey
Spud: 05/12/2009 T.D.: 5/15/2009 Complete: 5/15/2009	API: 15-031-22380-0000

FORMATIONS	FROM	TO	FORMATIONS	FROM	TO
Top Soil	0	4	Lime	923	926
Clay	4	19	Shale	926	941
River Gravel	19	26	Lime	941	943
Lime	26	27	Shale	943	963
Sandy River Gravel	27	33	Lime	963	966
Lime	33	37	Shale	966	973
Shale	37	50	Lime	973	976
Lime	50	56	Shale	976	1004
Shale	56	243	Lime	1004	1014
Gassy Lime	243	256	Top of Sand	1014	1022
Shale	256	264	T.D.	1022	
Lime	264	306			
Shale	306	319			
Lime	319	322			
Shale	322	339			
Lime	339	352			
Shale	352	372			
Lime	372	386			
Shale	386	408			
Lime	408	478			
Shale	478	490			
Lime	490	494			
Shale	494	518			
Lime	518	525			
Shale	525	532			
Lime	532	648			
Mucky Shale	648	828			
Lime	828	835			
Shale	835	893			
Lime	893	899			
Broken Lime	899	905			
Shale	905	908			
Lime	908	912			
Shale	912	923			

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Surface bit: 9 7/8"	Surface Casing Length: 40'	Size: 7"	Cement: 16 sx Portland
Drill bit: 5 7/8"	T.D.: 1022'	Long String: 1013'	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 12	TIME	DATE 5/15/09	ACCOUNT	TRUCK	DRIVER	TICKET
CUSTOMER NAME Bank Oil			DELIVERY ADDRESS Pick up at Plant			
PURCHASE ORDER		ORDER #	TAX		SLUMP	

LOAD QTY	PRODUCT	DESCRIPTION	ORDERED	DELIVERED	UNIT PRICE	AMOUNT
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130 Bag

1220

910 water

5.3

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

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.

273501

**Caution:  
FRESH CONCRETE**

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

SUBTOTAL

TAX

TOTAL

PREVIOUS TOTAL

GRAND TOTAL

977.60

51.81

1029.41

1029.40

Received By

K/rose #20

6/10

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KANSAS CORPORATION COMMISSION

JUL 10 2009

RECEIVED