

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1
October 2008
Form Must Be Typed

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8210
Name: Edward E. Birk
Address 1: 302 So. 16th St.
Address 2: _____
City: Burlington State: Ks Zip: 66839 + _____
Contact Person: Edward E. Birk
Phone: (620) 364-1311 - office
CONTRACTOR: License # 8210
Name: Edward E. Birk
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.: _____
11/14/08 11/18/08 11/18/08
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 207-27438-0000
Spot Description: _____
NW _____ SW _____ SE _____ SW _____ Sec. 25 Twp. 23 S. R. 14 ☒ East ☐ West
605 Feet from ☐ North / ☒ South Line of Section
1485 Feet from ☐ East / ☒ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☐ SE ☒ SW
County: Woodson
Lease Name: Hurst Well #: 4
Field Name: Winterschied
Producing Formation: Dry
Elevation: Ground: 1136' est. Kelly Bushing: _____
Total Depth: 1308 Plug Back Total Depth: Surface
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: _____
feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan P+ A A+ E NCR
(Data must be collected from the Reserve Pit) 1-28-09
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: Laura C. Birk
Title: Agent Date: 12/8/08
Subscribed and sworn to before me this 8th day of December
20 08.
Notary Public: Laura C. Birk
Date Commission Expires: January 22, 2012

KCC Office Use ONLY	
☒ Letter of Confidentiality Received	RECEIVED KANSAS CORPORATION COMMISSION
If Denied, Yes ☐ Date: _____	
☐ Wireline Log Received	
☐ Geologist Report Received	
☐ UIC Distribution	

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

DEC 9 2008
CONSERVATION DIVISION
WICHITA, KS

Operator Name: Edward E. Birk Lease Name: Hurst Well #: 4
 Sec. 25 Twp. 23 S. R. 14 ☒ East ☐ West County: Woodson

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 Casing	9 3/4"	7"		40'	Portland	16	Calcium

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		Portland	80	

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
N/A			

TUBING RECORD:		Size:	Set At:	Packer At:	Liner Run: ☐ Yes ☐ No
Date of First, Resumed Production, SWD or Enhr.		Producing Method: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: ☐ Vented ☐ Sold ☐ Used on Lease (If vented, Submit ACO-18.)	METHOD OF COMPLETION: ☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____	PRODUCTION INTERVAL: RECEIVED KANSAS CORPORATION COMMISSION
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Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

DEC 09 2008

CONSERVATION DIVISION
 WICHITA, KS

B & B COOPERATIVE VENTURES
900 South 4th
Burlington, Ks 66839
620-364-1311
BIRK PETROLEUM LIC. #31280

DATE: 11/14/08	Lease: HURST
Operator: Edward E. Birk	Well No.: 4
900 South 4 th St	API: 15-207-27438-0000
Burlington, Ks 66839	Description: 25-23-14, 605' FSL; 1485' FWL
Spud: 11/14/08 T.D.: 11/18/08	County: Woodson

Formations	From	To	Formations	From	To
Top Soil/Clay	0	8	Shale	758	762
Rock	8	15	Lime	762	768
Shale	15	98	Shale/Mucky	768	784
Lime	98	104	Lime	784	897
Shale	104	118	Shale	897	900
Red Shale	118	128	Lime	900	906
Lime	128	145	Shale	906	908
Shale	145	167	Lime	908	955
Lime	167	170	Shale	955	1100
Shale	170	182	Lime	1100	1122
Lime	182	185	Lime/Shale Mix	1122	1263
Shale	185	202	Gas Sand	1263	1270
Lime	202	207	Shale	1270	1293
Shale	207	298	1 st Cap Rock	1293	
Lime	298	320	Shale		
Shale/Mucky	320	415	2 nd Cap Rock	1299	1301
Lime	415	417	T.D. 1308'		
Shale	417	467			
Lime	467	478			
Shale/Sandy Shale	478	485			
Lime	485	513			
Shale	513	517			
Lime	517	542			
Shale	542	544			
Lime	544	752			
Coal	752	754			
Lime	754	758			

Surface bit: 9 3/4" Length: 40' Size: 7" Cement: 16 sx circ. To surface
Drill bit: 6" T.D.: 1308' Dry Hole: Plugged 11/18/08

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KANSAS CORPORATION COMMISSION
CONSERVATION DIVISION
WICHITA, KS