



KANSAS CORPORATION COMMISSION 1087400  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2009

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 8210  
Name: Birk, Edward E.  
Address 1: 302 S 16TH ST  
Address 2: \_\_\_\_\_  
City: BURLINGTON State: KS Zip: 66839 + 2329  
Contact Person: Edward E Birk  
Phone: ( 620 ) 364-2745  
CONTRACTOR: License # 8210  
Name: Birk, Edward E.  
Wellsite Geologist: None  
Purchaser: Coffeyville Resources

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW  
 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  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>02/20/2012</u>	<u>02/21/2012</u>	<u>02/21/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-031-23191-00-00  
Spot Description: \_\_\_\_\_  
NW SW SW NW Sec. 28 Twp. 22 S. R. 17  East  West  
3135 Feet from  North /  South Line of Section  
5115 Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE     NW     SE     SW  
County: Coffey  
Lease Name: West Well #: 47  
Field Name: Parmely  
Producing Formation: Squirrel  
Elevation: Ground: 1063 Kelly Bushing: 1068  
Total Depth: 995 Plug Back Total Depth: 995  
Amount of Surface Pipe Set and Cemented at: 42 Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set: \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from: 978  
feet depth to: 0 w/ 120 sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 0 ppm Fluid volume: 0 bbls  
Dewatering method used: Evaporated  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Permit #: \_\_\_\_\_

**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**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Garrison Date: 07/16/2012



1087400

Operator Name: Birk, Edward E. Lease Name: West Well #: 47  
 Sec. 28 Twp. 22 S. R. 17  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 complete copy of all Electric Wire-line 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 Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:60%;">Name</td> <td style="width:20%;">Top</td> <td style="width:20%;">Datum</td> </tr> <tr> <td>Squirrel Sand</td> <td>982</td> <td>+81</td> </tr> </table>	Name	Top	Datum	Squirrel Sand	982	+81
Name	Top	Datum					
Squirrel Sand	982	+81					

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 Casing	9.875	7.0	17	42	Portland	14	Calcium
Long String	6.125	2.875	6.5	978	Portland	120	

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	-			

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
0	Open hole 978-995	frac w/42 sx sand	978-995

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

Date of First, Resumed Production, SWD or ENHR. <u>04/03/2012</u>		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. <u>1</u>	Gas Mcf	Water Bbls.	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 type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	PRODUCTION INTERVAL: _____ _____
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EDWARD E BIRK  
 302 SOUTH 16TH  
 BURLINGTON, KS 66839  
 620-364-1311 - OFFICE, 620-364-6719 - CELL

SERVICE TICKET  
 WELL CEMENTING

COUNTY Cf. DATE: 02/21/12  
 CITY Le Roy

CHARGE TO Edward Birk  
 ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ST \_\_\_\_\_ ZIP \_\_\_\_\_  
 LEASE & WELL NO. West #47 CONTRACTOR \_\_\_\_\_  
 KIND OF JOB Cement long string SEC 28 TWP 22 RG 17E  
 DIR. TO LOC. \_\_\_\_\_ OLD  NEW

QUANTITY	MATERIAL USED	SERV. CHG
<u>120 Sx</u>	<u>Portland Cement</u>	
	BULK CHARGE	
	BULK TRK. MILES	
	PUMP TRK. MILES	
	PLUGS	
	TOTAL	

T.D. 995' CSG. SET AT 978' VOLUME \_\_\_\_\_  
 SIZE HOLE 6 1/8" TBG SET AT \_\_\_\_\_ VOLUME \_\_\_\_\_  
 MAX. PRESS. \_\_\_\_\_ SIZE PIPE 2 1/8" casing  
 PLUG DEPTH \_\_\_\_\_ PKER DEPTH \_\_\_\_\_ PLUG USED \_\_\_\_\_

TIME FINISHED: \_\_\_\_\_  
 REMARKS: Connect to pipe. Pump cement into well. Good circ. to surface. Job complete.

NAME \_\_\_\_\_  
Edward Birk  
Ed Birk  
 CEMENTER OR TREATER \_\_\_\_\_ OWNER'S REP.

802 N. Industrial Rd.  
 P.O. Box 664  
 Iola, Kansas 66749  
 Phone: (620) 365-5588

**Payless Concrete Products, L.C.**



*Handwritten signature/initials*

**CONDITIONS**  
 Concrete to be delivered to the nearest accessible point over passable road under truck's own power. Due to delivery of owners or intermediary's director, seller assumes no responsibility for damages in any manner to driveways, roadways, driveways, buildings, trees, shrubbery, etc. which are at customer's risk. The maximum allotted time for unloading trucks is 5 minutes per yard. A charge will be made for holding trucks longer. This concrete contains correct water contents for strength or mix indicated. We do not assume responsibility for strength test when water is added at customer's request.  
**NOTICE TO OWNER**  
 Failure of this contractor to pay those persons supplying material or services to complete this contract can result in the filing of a mechanic's lien on the property which is the subject of this contract.

SOLD TO: BE001 BROAD COOPERATIVE VENTURES 900 S. FOURTH ST. BURLINGTON, KE 66878  
 SHIP TO: BE001 BROAD COOPERATIVE VENTURES 50 W. TO WAYSIDE N.W. MI TO 5TH NORTH PARK BLVD. LEASER 240 ST. 11475

TIME	FORMULA	LOAD SIZE	YARDS ORDERED	DRIVER/TRUCK	PLANT/TRANSACTION #
01:32:04	WELL	12.00 yd	12.00 yd	JK 25	COFCO
DATE	LOAD #	YARDS DEL.	BATCH#	WATER TRIM	TICKET NUMBER
02-01-74	17	204.00 yd	19744	0.0	31069

**WARNING**  
**IRRITATING TO THE SKIN AND EYES**  
 Contains Portland Cement. Wear Rubber Boots and Gloves. PROLONGED CONTACT MAY CAUSE BURNS. Avoid Contact With Eyes and Prolonged Contact With Skin. In Case of Contact With Skin or Eyes, Flush Thoroughly With Water. If Irritation Persists, Get Medical Attention. KEEP CHILDREN AWAY.  
 CONCRETE IS A PERISHABLE COMMODITY AND BECOMES THE PROPERTY OF THE PURCHASER UPON LEAVING THE PLANT. ANY CHANGES OR CANCELLATION OF ORIGINAL INSTRUCTIONS MUST BE TELEPHONED TO THE OFFICE BEFORE LOADING STARTS.  
 The undersigned promises to pay all debts, including reasonable attorneys' fees, incurred in collecting any sums owed.  
 All accounts not paid within 30 days of delivery will bear interest at the rate of 24% per annum.  
 Not Responsible for Reactive Aggregates or Other Quality. No Claim Allowed Unless Made at Time Material is Delivered.  
 A 2% Service Charge and Loss of the Cash Discount will be collected on all Returned Checks.  
 Excess Delay Time Charged @ \$50/Hr.

**PROPERTY DAMAGE RELEASE**  
 (TO BE SIGNED IF DELIVERY TO BE MADE INSIDE CURB LINE)  
 Dear Customer: The driver of this truck in presenting this "RELEASE" to you for your signature is of the opinion that the size and weight of his truck may possibly cause damage to the premises and/or adjacent property if it places the material in this load where you desire it. It is our wish to help you in every way that we can. In order to do this the driver is requesting that you sign this "RELEASE" relieving him and his supplier from any responsibility from any damage that may occur to the premises and/or adjacent property, buildings, sidewalks, driveways, curbs, etc. by the delivery of this material, and that you also agree to hold him harmless from the wheels of his vehicle so that he will not limit the public street. Further, as additional consideration, the undersigned agrees to indemnify and hold harmless the driver of this truck and the supplier for any and all damage to the premises and/or adjacent property which may be claimed by anyone to have been out of delivery of this order.  
 SIGNED: X

**Excessive Water is Detrimental to Concrete Performance**  
 H<sub>2</sub>O Added By Request/Authorized By  
 GAL X  
**WEIGHMASTER**  
 NOTICE: MY SIGNATURE BELOW INDICATES THAT I HAVE READ THE HEALTH WARNING NOTICE AND SUPPLIER WILL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED WHEN DELIVERING INSIDE CURB LINE.  
 LOAD RECEIVED BY: X

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
12.00	WELL	WELL (10 BAGS PER UNIT)	51.00	612.00
12.00	MIX/HAUL	MIXING & HAULING	25.00	300.00
2.50	TRUCKING	TRUCKING CHARGE	50.00	125.00

RETURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/CYLINDER TEST TAKEN	TIME ALLOWED
			1. JOB NOT READY 2. SLOW PUMP OR PUMP 3. TRUCK AHEAD ON JOB 4. CONTRACTOR BROKE DOWN 5. ADORED WATER 6. TRUCK BROKE DOWN 7. ACCIDENT 8. CITATION 9. OTHER	
LEFT PLANT	ARRIVED JOB	START UNLOADING		TIME DUE
TOTAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME		DELAY TIME

Subtotal \$ 1037.00  
 Tax % 6.300 65.35  
**Total \$ 1102.35**  
 Order # 1102.35  
 ADDITIONAL CHARGE 1  
 ADDITIONAL CHARGE 2  
**GRAND TOTAL**