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SEP 25 2006

KCC WICHITA

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 31280  
 Name: Birk Petroleum  
 Address: 874 12th Rd SW  
 City/State/Zip: Burlington, Ks 66839  
 Purchaser: Coffeyville Resources  
 Operator Contact Person: Brian L. Birk  
 Phone: (620) 364-5875  
 Contractor: Name: Edward E. Birk  
 License: 8210  
 Wellsite Geologist: none  
 Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 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./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_  

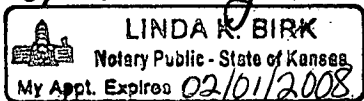
<u>06/29/2006</u>	<u>07/08/2006</u>	<u>08/01/2006</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 031-22216-0000  
 County: Coffey  
 NE SW NE NW Sec. 31 Twp. 22 S. R. 16  East  West  
708 feet from S / N (circle one) Line of Section  
1690 feet from E / W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Mathias Well #: 4  
 Field Name: Crandall  
 Producing Formation: Squirrel  
 Elevation: Ground: 1042.19' Kelly Bushing: \_\_\_\_\_  
 Total Depth: 1136 Plug Back Total Depth: 1136'  
 Amount of Surface Pipe Set and Cemented at 41 Feet  
 Multiple Stage Cementing Collar Used?  Yes  No  
 If yes, show depth set \_\_\_\_\_ Feet  
 If Alternate II completion, cement circulated from 41'  
 feet depth to surface w/ 16 sx cmt.  
**APII - Log - 2/11/09**  
**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit)  
 Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
 Dewatering method used evaporation  
 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: Linda K Birk  
 Title: Agent Date: 9/21/06  
 Subscribed and sworn to before me this 21<sup>st</sup> day of September  
2006  
 Notary Public: Linda K Birk  
 Date Commission Expires: February 1, 2008



**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: Mathias Well #: 4  
 Sec. 31 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 type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input 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  <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>Kansas City Lime</td> <td>458</td> <td>460</td> </tr> <tr> <td>Little Osage Lime</td> <td>686</td> <td>704</td> </tr> <tr> <td>Black Jack Creek(black shale)</td> <td>704</td> <td>708</td> </tr> <tr> <td>Pleasington Shale</td> <td>760</td> <td>867</td> </tr> <tr> <td>Squirrel Sand</td> <td>1077</td> <td>1084</td> </tr> <tr> <td>T.D.</td> <td>1136</td> <td></td> </tr> </table>	Name	Top	Datum	Kansas City Lime	458	460	Little Osage Lime	686	704	Black Jack Creek(black shale)	704	708	Pleasington Shale	760	867	Squirrel Sand	1077	1084	T.D.	1136	
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CASING RECORD <input checked="" 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	10 5/8"	7"	17	41'	Portland A	16	50 lbs calcium
Long String	5 5/8"	2 7/8"		1136'	Thickset	135	50# kol seal, 50# Bentonite

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
2	Perforations 1076' - 1086'	Frac: 5000 lbs 20/40 Sand	1136

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No
	2 7/8"	1136		
Date of First, Resumerd Production, SWD or Enhr.		Producing Method		
08/03/2006		<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.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	2 bbls		10 bbls	

Disposition of Gas	METHOD OF COMPLETION	Production Interval
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<input type="checkbox"/> Open Hole <input checked="" type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	_____





**CONSOLIDATED**  
**OIL WELL**  
**SERVICES, INC.**  
 AN INFINITY COMPANY

**REMIT TO**  
 Consolidated Oil Well Services, Inc.  
 Dept. 1228  
 Denver, CO 80256

MAIN OFFICE  
 P.O. Box 884  
 Chanute, KS 66720  
 620/431-9210 • 1-800/467-8676  
 FAX 620/431-0012

INVOICE

Invoice # 206938

Invoice Date: 07/14/2006 Terms: Page 1

BIRK, ED  
 302 S. 16TH ST.  
 BURLINGTON KS 66839  
 (620)364-2745

MATHIAS #4  
 10307  
 07-08-06

Part Number	Description	Qty	Unit Price	Total
1126A	THICK SET CEMENT	135.00	14.6500	1977.75
1110A	KOL SEAL (50# BAG)	650.00	.3600	234.00
1118A	S-5 GEL/ BENTONITE (50#)	200.00	.1400	28.00
4402	2 1/2" RUBBER PLUG	1.00	20.0000	20.00
	Description	Hours	Unit Price	Total
445	CEMENT PUMP	1.00	800.00	800.00
445	EQUIPMENT MILEAGE (ONE WAY)	45.00	3.15	141.75
479	TON MILEAGE DELIVERY	337.50	1.05	354.38

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Parts:	2259.75	Freight:	.00	Tax:	119.76	AR	3675.64
Labor:	.00	Misc:	.00	Total:	3675.64		
Sublt:	.00	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_

BARTLESVILLE, OK  
 P.O. Box 1453 74005  
 918/338-0808

EUREKA, Ks  
 820 E. 7th 67045  
 620/583-7664

OTTAWA, Ks  
 2631 So. Eisenhower Ave. 66067  
 785/242-4044

GILLETTE, WY  
 300 Enterprise Avenue 82716  
 307/686-4914

THAYER, Ks  
 8655 Dorn Road 66776  
 620/839-5269

CONSOLIDATED OIL WELL SERVICES, INC.  
 P.O. BOX 884, CHANUTE, KS 66720  
 620-431-9210 OR 800-467-8676

TICKET NUMBER 10307  
 LOCATION Eureka  
 FOREMAN Russell mcloy

TREATMENT REPORT & FIELD TICKET  
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY																
7-8-06	1519	Mathias # 4	31	22	16	Coffey																
CUSTOMER Birk Petroleum			<table border="1"> <thead> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> </thead> <tbody> <tr> <td>445</td> <td>Rick</td> <td></td> <td></td> </tr> <tr> <td>479</td> <td>Larry</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	445	Rick			479	Larry						
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MAILING ADDRESS 874 12 <sup>th</sup> RD																						
CITY Burlington	STATE KS	ZIP CODE 66839																				

JOB TYPE Logging HOLE SIZE 5 7/8 HOLE DEPTH 1138 CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH 1136 DRILL PIPE \_\_\_\_\_ TUBING 2 7/8 OTHER \_\_\_\_\_  
 SLURRY WEIGHT 13.4 SLURRY VOL 40 Bbl WATER gall/sk 8.0 CEMENT LEFT in CASING 0  
 DISPLACEMENT 6 1/2 DISPLACEMENT PSI 550 PSI 1000 SHUT IN RATE \_\_\_\_\_

REMARKS: Safety meeting, Run wireline to 1136', Break circulation w/ 5 bbl water, pump in Bbl Gel Flush, Follow w/ 2 Bbl spacer, mix 135 ski T.S. cement w/ 5# Kolseal at 13.4" SHUT DOWN, wash out Pump + insert Release 2 7/8 TOP Rubber Plug Displace w/ 6 1/2 Bbl water. Final PSI 550" Bump Plug to 1000" close 2 7/8 Tubing IN w/ 6 Bbl cement RETURN to surface. Job complete, Tear Down. Thank YOU!

Russell mcloy

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	800.00	800.00
5406	45	MILEAGE	3.15	141.75
1126 A	135 ski	Thickset cement	14.65	1977.75
1118 A	650 lbs	Kolseal 5# per/sk	.36	234.00
1118 A	200 "	Gel Flush	.14	28.00
5407 A	7.5 Ton	45 miles Bulk TK	1.05	354.38
4402	1	2 7/8 Top Rubber Plug	20.00	20.00
<b>RECEIVED</b>				
SEP 5 2006				
KCC WICHITA				
Sub TOTAL				
			SALES TAX	3555.88
			ESTIMATED TOTAL	119.16

206938

AUTHORIZATION Called by Brian Birk TITLE owner

DATE 7-8-06