

ORIGINAL

Form ACO-1 October 2008 Form Must Be Typed

KCC WICHITA

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 31280	APł No. 15 - 031-22382-0000				
Name: Birk Petroleum_	Spot Description:				
Address 1: 874 12th Rd SW	SE_NE_NW_NW Sec. 22 Twp. 22 S. R. 16 Seast West				
Address 2:	4685 Feet from North / South Line of Section				
City: Burlington State: Ks Zip: 66839 +	3968 Feet from 😱 East / 🗌 West Line of Section				
Contact Person: Brian L. Birk	Footages Calculated from Nearest Outside Section Corner:				
Phone: (620_) 364-1311 - office	□NE □NW ☑SE □SW				
CONTRACTOR: License #_31280	County: Coffey				
Name: Birk Petroleum	Lease Name: Klaus Well #: 22				
Wellsite Geologist: None	Field Name: Neosho Falls-LeRoy				
Purchaser: Coffeyville Resources	Producing Formation: Squirrel				
Designate Type of Completion:	Elevation: Ground: 1028 est. Kelly Bushing:				
✓ New Well Re-Entry Workover	Total Depth: 1025 Plug Back Total Depth: 1025				
✓ oil SWD SIOW	Amount of Surface Pipe Set and Cemented at: 40' Feet				
Gas ENHR SIGW	Multiple Stage Cementing Collar Used?				
CM (Coal Bed Methane) Temp. Abd.	If ves, show depth set:				
Dry Other	If Alternate II completion, cement circulated from: 1016'				
(Core, WSW, Expl., Cathodic, etc.)	feet depth to: surface w/ 125 sx cmt. Alt 2 - Dig - L 24/09				
If Workover/Re-entry: Old Well Info as follows:	Alt 2 - Dig - 6/24/09				
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)				
Well Name:	Chloride content:ppm Fluid volume:bbls				
Original Comp. Date: Original Total Depth: Comp. to Salvito Salvito	Dewatering method used: haul off				
Deepening Re-perf Conv. to Enhr Conv. to SWD Plug Back: Plug Back Total Depth	Dewatering method used:				
Commingled Docket No.:	Location of fluid disposal if hauled offsite:				
Dual Completion Docket No.:	Operator Name:				
Other (SWD or Enhr.?) Docket No.:	Lease Name: License No.:				
04/22/2009 04/24/2009 04/24/2009	Quarter Sec Twp S. R				
Spud Date or Recompletion Date Date Reached TD Recompletion Date Completion Date or Recompletion Date	County: Docket No.:				
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidence of side two of this form will be held confidential for a period of 12 months if receivable in excess of 12 months). One copy of all wireline logs and geologist with BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 for	the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information quested in writing and submitted with the form (see rule 82-3-107 for confidencell report shall be attached with this form. ALL CEMENTING TICKETS MUST rm with all temporarily abandoned wells.				
are complete and correct to the best of my knowledge.	and an outerful file and an outerful file file file file file file file fil				
Signature: Jinda K. B. J. Date: 06/09/20	KCC Office Use ONLY Letter of Confidentiality Received				
Subscribed and sworn to before me this 17th day of	, If Denied, Yes Date:				
$20 \frac{\mathcal{G}}{\mathcal{G}}$. \mathcal{G}	Wireline Log Received				
Notani Bublici ATTIAN () AM	Geologist Report Received UIC Distribution RECEIVED				
Notary Public:	UIC Distribution				

A LAURA C. BIRK

Notary Public - State of Kansas

My Appt. Expires 01/22/2012

Date Commission Expires

Side Two

Operator Name: Birk	Petroleum		Lease N	lame: Kl	aus		Well #: 22	
Sec. 22 Twp. 2	2 S. R. 16	East West	County:	Coffey				
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rat surveyed. Attach fina	osed, flowing and shu es if gas to surface to	ut-in pressures, wheth est, along with final cl	ner shut-in press	sure reach	ed static level,	hydrostatic pr	ressures, bottom l	nole temperature, fluid
Drill Stem Tests Taker (Attach Additional		☐ Yes ☑ No	0	Log	g Formatio	n (Top), Depth	n and Datum	✓ Sample
Samples Sent to Geo		☐ Yes ☑ N	o	Name	ached drill log	•	Тор	Datum
Cores Taken Electric Log Run (Submit Copy)		Yes V N	o	000 010				
List All E. Logs Run:		CAS	CINC DECORD	Almu	√Used			
			SING RECORD s set-conductor, sur	New Inface, interi		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weig Lbs./		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"			1016.20	Portland	125	
		ADDITIO	ONAL CEMENTIN	NG / SQUE	EZE RECORD			
Purpose: —— Perforate —— Protect Casing —— Plug Back TD	Depth Top Bottom	Type of Cement	#Sacks	Used		Туре а	nd Percent Additive	S
Plug Off Zone								
Shots Per Foot		ION RECORD - Bridge Footage of Each Interva				cture, Shot, Cer mount and Kind o	ment Squeeze Reco of Material Used)	rd Depth
None	Open hole con	npletion 1016-10	025'					
								RECEIVED
								JUN 1 1 2009
TUBING RECORD:	Size:	Set At:	Packer At	t:	Liner Run:	Yes	No	KCC WICHITA
Date of First, Resumed pending	l Production, SWD or Er	nhr. Producing	g Method:	Flowing	✓ Pumpi			ner (Explain)
Estimated Production Per 24 Hours	Oil	Bbls. Gas	Mcf	Water	r E	Bbls.	Gas-Oil Ratio	Gravity
DICDOCITI	ION OF GAS:		METHOD OF	COMPLET	ION.	Г	PPODUCT	ON INTERVAL:
Vented Sol	_	Open Hole	Perf.	Dually (mmingled		
	ubmit ACO-18.)	Other (Speci	ify)					

5 & B'COUPERATIVE VENTURES

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

DATE: 04/22/2009	Lease: KLAUS				
Operator: Birk Petroleum	Well No.: 22				
900 South 4 th St.	API: 15-031-22382-0000				
Burlington, Ks 66839	Description: 22-22-16E; 4685' FSL; 3968' FeL				
Spud: 04/22/09 T.D.: 4/24/09 Complete: 4/24/09	County: Coffey				

Formations	From	То	Formations	From	To
Top Soil	0	3	Lime	781	785
Clay	3	27	Shale	785	803
Lime	27	28	Lime	803	817
River Gravel/Shale	28	35	Sandy Shale	817	830
Lime	35	41	Lîme	830	839
Shale	41	42	Shale	839	841
Lime	42	43	Lime	841	848
Shale	43	245	Lime/Shale	848	855
Lime	245	268	Sandy Shale	855	870
Shale	268	272	Lime	870	871
Lime	272	303	Mucky Shale	871	895
Shale	303	305	Lime	895	905
Lime/Broken Lime	305	307	Shale	905	974
Lime	307	309	5' Lime	974	980
Shale	309	340	Summit	980	984
Lime	340	342	Lime	984	986
Shale	342	357	Mulky	986	990
Lime	357	385	Sandy Shale	990	1013
Shale	385	408	1 st Cap	1013	1015
K.C. Lime	408	481	2 nd Cap	1016	1018
Shale	481	491	Oil Sand	1018	1024
Lime	491	493	T.D. 1025		
Red Shale	493	520			
Lime	520	526			
Shale	526	535			
Broken Lime	535	540			
Lime	540	648			
Broken Lime	648	651			
Shale	651	781			

RECEIVED JUN 1 1 2009 KCC WICHITA

KLAUS #22 CON'T

Formations	From	To	Formations	From	То

Surface bit: 97/8"	Length: 40'	Size: 7"	Cement:	16 sx circ.	To surface
Drill bit: 57/8"	T.D.: 1025'	Long String: 27/8"	@ 1016'		



Meier's Ready Mix, Inc.
P.O. Box 8477 · 1105 N.W. Lower Silver Lk. Rd. • Topeka, Kansas 66608

Office

(785) 233-9900					FAX # 233-9947	• •	(785) 233-242		
PLANT	TIME		DATE		ACCOUNT	TRUCK	DRIVER		TICKET
сиѕтомі		Zunk	, C:	Ì		DELI	KAUS#2	2 , m a 1 P1	ant
PURCHAS		DDUCT		ORDER #	TAX				SLUMP
				Paid		125	. Bag Cam. 731	ent 7.52	
		ARRIVE JOB : if water has been ich.	We	NOTE are not responsible exing after placement 7 2 3 0 4	for concrete	NISH DISCHARGE	ARRIVE PLANT IMPORTANT be held responsible for damage y our trucks when delivering ayond the curb-line. Not responduality of concrete if water is	TAX TOTAL PREVIOUS TOTAL	940.00
		В	FRES ody or eye o	Caution: H CONCRE contact with free uld be avoided alkali and is ca	TE sh (moist) because	Received By		GRAND TOTAL	

And the second of the second o

RECEIVED

JUN 1-1 2009