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

OPERATOR: License # 31280	API No. 15 - 031-22441-0000
Name: Birk Petroleum	Spot Description:
Address 1: 874 12th RD SW	SE_sw_SE_sw_Sec. 15_ Twp. 22_S. R. 16 East West
Address 2:	Feet from North / South Line of Section
City: Burlington State: KS Zip: 66839 +	3603 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: Raymond Klaus well #: 3
	Field Name: Neosho Falls-LeRoy
Wellsite Geologist: None Purchaser: Coffeyville Resources	Producing Formation: Squirrel Sand
	Elevation: Ground: 1024 est. Kelly Bushing:
Designate Type of Completion:	Total Depth: 1028' Plug Back Total Depth: 1028
New Well Re-Entry Workover	
✓ Oil SIOW	Amount of Surface Pipe Set and Cemented at: 40 Feet
Gas ENHR SIGW CM (Coal Bed Methane) Temp. Abd.	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
Civi (Coal Bed Methane) Terrip. Abd.	If yes, show depth set:Feet
(Core, WSW, Expl., Cathodic, etc.)	If Alternate II completion, cement circulated from: 1018
If Workover/Re-entry: Old Well Info as follows:	feet depth to: surface w/ 120 sx cmt.
Operator:	Drilling Fluid Management Plan AI+ II NVC 10-9-09
Well Name:	(Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perf Conv. to Enhr Conv. to SWD	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Docket No.:	Operator Name:
Dual Completion	Lease Name: License No.:
Other (SWD or Enhr.?) Docket No.: 08/15/2009 08/18/2009 08/18/2009	Quarter Sec. Twp. Sec. East West
Spud Date or Date Reached TD Completion Date or	County: Docket No.:
Recompletion Date Recompletion Date	
Kansas 67202, within 120 days of the spud date, recompletion, workover or confidential for a period of 12 months if reconsider tiality in excess of 12 months). One copy of all wireline logs and geologist we BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form	
All requirements of the statutes, rules and regulations promulgated to regulate are complete and correct to the best of my knowledge.	the oil and gas industry have been fully complied with and the statements herein
Signature: Ainda & But	VOC Office Has ONLY
Signature. (15/10)	KCC Office Use ONLY
Title: Date: Date:	N Letter of Confidentiality Received
Subscribed and sworn to before me this 15th day of 4pt CmC	, If Denied, Yes Date:
20 (9)	Wireline Log Received
TATHA WILL	Geologist Report Received
Notary Public: MUMA 1944 M 70/11	UIC Distribution
Date Commission Expires: ####################################	A LAUGA G PIPE
·	A LAURA C. BIRK - Notary Public - State of Kansas My Appt. Expires 01221202

Side Two

Operator Name: Birk	Petroleum			Lease	e Name: _F	Raymond Klau	s	Well #: _3		
Sec. 15 Twp. 2		✓ East	West	Coun	ty: Coffe	ey .				
INSTRUCTIONS: SI time tool open and cl recovery, and flow ra surveyed. Attach fina	osed, flowing and sh tes if gas to surface t	ut-in press est, along	ures, whether s	hut-in pre	essure read	ched static level,	hydrostatic	pressures, bottom i	nole tempera	ature, fluid
Drill Stem Tests Take		Y	es 🗹 No			og Formatio	n (Top), Dep	th and Datum	☑ Sar	nple
Samples Sent to Geo	ological Survey	□ Y	Names ✓ No See a		ne Top attached drill log			Datum		
Cores Taken Y Electric Log Run (Submit Copy)		∕es ☑ No								
List All E. Logs Run:										
		Pan	CASING			w Vused	on etc			
Purpose of String	Size Hole Drilled	Si	ze Casing t (In O.D.)	w	eight s. / Ft.	Setting Depth	Type o		Type and	l Percent tives
Surface	9 7/8"	7*	· · · ·			40	Portland	20	Calcium	
Long String	5 7/8"	2 7/8"				1018'	Portland	120		
		1	ADDITIONAL	CEMEN	TING / SQL	JEEZE RECORD			<u> </u>	
Perforate lop Bottom		Туре	e of Cement	#Sac	ks Used		Туре	and Percent Additives	RECORPORA	EIVED
Plug Back TD Plug Off Zone									Urpa.	
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated				e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Frac w/42 sx 1018-1028				Manufac
None Open hole completion 1018-1028					Frac w/42	sx		10	018-1028	
		•								

TUBING RECORD:	Size:	Set At		Packer	At:	Liner Run:	Yes [No	l	
Date of First, Resumed 08/26/2009	Production, SWD or E	nhr.	Producing Meth	nod:	Flowing	g 🗹 Pumpir	ıg 🗀 G	ias Lift	er (Explain)	
Estimated Production Per 24 Hours	Oil 5	Bbls.	Gas	Mcf	Wate	er Bi	ols.	Gas-Oil Ratio		Gravity
DISPOSITI	ON OF GAS:		N	METHOD (OF COMPLE	ETION:	· · · · · · · · · · · · · · · · · · ·	PRODUCTI	ON INTERVAL	.:
☐ Vented ☐ Solo (If vented, Su	d Used on Lease	1 =	Open Hole [Other <i>(Specify)</i>	Perf.	Dually	Comp. Con	nmingled			

BIRK PETROLEUM 900 SOUTH 4TH ST BURLINGTON, KS 66839

OP: #31280

DATE: 08/18/2009	LEASE: RAYMOND KLAUS
Birk Petroleum	WELL: 3
874 12 TH Rd SW	Description: 180' FSL; 3640' FEL; 15-22-16E
Burlington, Ks 66839	County: Coffey
Spud: 08/15/2009 T.D.: 8/18/2009 Complete: 8/18/2009	API: 15-031-22441-0000

FORMATIONS	FROM	TO	FORMATIONS	FROM	TO
Top Soil	0	4	Grey Shale	931	942
Clay	4	27	Lime	942	970
River Gravel	27	32	Stark Black Shale	970	973
Grey Shale	32	236	Swope Lime	973	979
Sandy Shale	236	239	Black Shale	979	982
Lime	239	247	Mulky Shale	982	1016
Shale	247	251	1 st Cap Rock Lime	1016	
Lime	251	317	2 nd Cap Rock Lime	1019	
Shale	317	387	Oil Sand & Odor (good)	1020	1025
Lime	387	395	Oil Sand & Odor (very good)	1025	1028
Black Shale	395	419	T.D. 1028'		
Lime	419	454			
White Lime	454	495			
Shale	495	545			
Lime	545	597			
Shale	597	603			
Lime	603	632			
Shale	632	635			
Lime	635	637			
Shale	637	638			
K.C. Base Lime	638	658			
Pleasington Shale	658	676			
Knobstown Lime	676	679	Email 1	EGEIVED ORATION CON	,
Shale	679	808		ORATION CO.	
Lime	808	826	-0-	00/4	MISSION
Shale	826	830	OEP	2 1 2nno	<u>.</u>
Lime	830	842	COMPANIE	1583	
Shale	842	847	W/rox	TON DIVO	.,
Lime	847	864		WHI,KE TON	NA .
Sandy Shale	864	899 .	·		
Lime	899	905			
Shale	905	926			
Lime	926	928			
Dark Shale (Black)	928	931			

Surface bit: 9 7/8"	Surface Casing Length:	40' Siz	<u>ze: 7" </u>	Cement:	20 sx Portland
Drill bit: 5 7/8"	T.D.: 1028'	Long String: 1018	Size:	2 7/8"	

E Same		Plant P.O. Box 8477 • 1105 N.W. Lower Silver Lk. Rd. • Topeka, Kansas 66608 Office							
PLANT TIME	(785) 233-9900	garanta and s	TRUCK	DRIVER		(78 TICK	5) 233-24 2 ET	
CUSTOMER NAME	8	118/09		DELIVE	RY ADDRESS P. K	laus#3			
Bur	K Oil				F. CK		lant.	(
PURCHASE ORDER		ORDER#	TAX		ORDER	RED DELIVERE	D UNIT PRICE	SLUMP	
LOAD QTY PRO	DDUCT DE	SCRIPTION	• (Cement (20 Bag			016	
							Montage	1 Cgal	
LEAVE PLANT	ARRIVE JOB SITE	START DISCHAR	GE FIN	ISH DISCHARGE	ARRIVE PLANT	SUBTOTAL	97	1 7 417	
DRIVER Note here	if water has been	NOTE			IMPORTANT	TAX	70	٠ - ١	
DRIVER Note here if water has been added and how much. We are not responsible for concrete freezing after placement. 283257			We cannot be held responsible for damage caused by our trucks when delivering material beyond the curb-line. Not respon-		ering	TOTAL O	17.8		
		28325	7	sible for quadrater of the sible for quadrater of qua	uality of concrete if wate chaser.	GRAND TO	715) U = J	

Caution: FRESH CONCRETE

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

elved By

SEP 21 2009

CONSERVATION DIVISION
WICHTAN DIVISION