KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

ORIGINAL Form Must Be Typed

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # 8210	API No. 15 - 031-22581-00-00
Name: Edward E. Birk	Spot Description:
Address 1: _302 So. 16th St.	SE _NW _SE _NE Sec. 22 Twp. 22 S. R. 16
Address 2:	3465 Feet from North / South Line of Section
City: Burlington State: Ks Zip: 66839 +	825 Feet from 🕢 East / 🗌 West Line of Section
Contact Person: Edward E. Birk	Footages Calculated from Nearest Outside Section Corner:
Phone: (620) 364-1311 - office	□ NE □ NW ☑ SE □ SW
CONTRACTOR: License #_8210	County: Coffey
Name: Edward E. Birk	Lease Name: Whiteley Well #: 23
Wellsite Geologist: None	Field Name: Unnamed
Purchaser: Coffeyville Resources	Producing Formation: Squirrel
Designate Type of Completion:	Elevation: Ground: 1035 est. Kelly Bushing:
New Well Re-Entry Workover	Total Depth: 1033 Plug Back Total Depth: 1033
Oil SVD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas ENHR SIGW	Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
CM (Coal Bed Methane) Temp. Abd.	If yes, show depth set:Feet
Dry Other	If Alternate II completion, cement circulated from: 1016'
(Core, WSW, Expl., Cathodic, etc.)	feet depth to: Surface w/ 120 sx cmt.
If Workover/Re-entry: Old Well Info as follows:	
Operator:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Alt II NLL 5- 18-10
Well Name:	, ,
Original Comp. Date: Original Total Depth:	Chloride content: ppm Fluid volume: bbls
Deepening Re-perfConv. 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.:	Quarter Sec TwpS. R
05/04/2010 05/05/2010 05/06/2010 Spud Date or Date Reached TD Completion Date or	County: Docket No.:
Spud Date or Date Reached TD Completion Date or Recompletion Date	County Docker No
Kansas 67202, within 120 days of the spud date, recompletion, workover or complete of the spud of the spud date, recompletion, workover or complete of the spud date, recompletion, workover or complete of the spud date, recomplete of the spud date, recomplete on the spud date, recomplete of the spud date, recomplete of the spud date, recomplete on the spud date, recomplete of the spud date, recomplete of the spud date, recomplete on the spud date,	
All requirements of the statutes, rules and regulations promulgated to regulate to 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: Tolward E. Buk	KCC Office Use ONLY
F // /a	ROC Office OSE ONE!
	Letter of Confidentiality Received
Subscribed and sworn to before me this // Hyday of	, If Denied, Yes Date:
20 10.	Wireline Log Received RECEIVED
Notary Public: 100 100 100 100 100 100 100 100 100 10	Geologist Report Received V UIC Distribution MAY 1 & 7777
Date Commission Expires:	KCC WICHTIA
	LAURA C. BIRK Notary Public - State of Kansas Appt. Expires 01/20/202
₹ My	Appt. Expires U/dl/dl/dl/d

Side Two

Operator Name: Edward E. Birk		Lease Nai	me: Whiteley		Well #:	
Sec. <u>22</u> Twp, <u>22</u> S. R. <u>16</u>		County: _	Coffey			
NSTRUCTIONS: Show important tops ime tool open and closed, flowing and secovery, and flow rates if gas to surface surveyed. Attach final geological well si	hut-in pressures, whether test, along with final ch	er shut-in pressur	e reached static level	, hydrostatic pres	ssures, bottom l	nole temperature, fluid
Orill Stem Tests Taken (Attach Additional Sheets)	☐ Yes 📝 No	,	Log Formatio	on (Top), Depth a	nd Datum	✓ Sample
Samples Sent to Geological Survey	☐ Yes 🗹 No	,	Name See attached drill log	q	Тор	Datum
Cores Taken Electric Log Run (Submit Copy)	☐ Yes ✓ No ☐ Yes ✓ No	,		•		
List All E. Logs Run:						
				-		
		ING RECORD set-conductor, surfa	New ✓Used ce, intermediate, produc	tion, etc.		
Purpose of String Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft	Setting	Type of Cement	# Sacks Used	Type and Percent Additives
Surface 9 7/8"	7"	17#	50	Portland	17	Calcium
Long String 6"	2 7/8"	6.5#	1016'	Portland	120	
	ADDITIO	NAL CEMENTING	/ SQUEEZE RECORE)		
Purpose: Depth Top Bottom	Type of Cement	#Sacks Us	#Sacks Used Type and Percent A		Percent Additives	.
Protect Casing Plug Back TD Plug Off Zone						
Piug Oil Zoile						
Shore per Foot	Plugs Set/Type Perforated		acture, Shot, Ceme Amount and Kind of M		rd Depth	
None Open hole co	ompletion 1016-10	33'				
	N.					DECENTED.
						RECEIVED
						AY 1 4 20:3
					KC	C WICHITA
TUBING RECORD: Size:	Set At:	Packer At:	Liner Run:	Yes N	lo	
Date of First, Resumed Production, SWD or pending	Enhr. Producing	_	Flowing Pump	ing Gas I	Lift Oth	ner (Explain)
Estimated Production Oil Per 24 Hours	Bbls. Gas	Mcf	Water I	Bbis.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:		METHOD OF C	OMPLETION:		PRODUCTI	ON INTERVAL:
0.0. 00.11011 01 0.10.			CIVIL LE LICIA.	1		

EDWARD E BIRK 900 SOUTH 4TH ST BURLINGTON, KS 66839

OP: #8210

DATE: 05/06/2010	LEASE: Whiteley				
Edward E Birk	WELL: 23				
302 South 16 th	Description: 3465' FSL; 825' FEL; 22-22-16E				
Burlington, Ks 66839	County: Coffey				
Spud: 05/04/10 T.D.: 05/05/10 Complete: 05/06/10	API: 15-031-22581-00-00				

FORMATIONS	FROM	TO	FORMATIONS	FROM	то
Top Soil	0	4	Lime	948	952
Clay	4	34	Shale	952	972
Sand & Small Gravel	34	37	Stark Black Shale	972	980
Clay	37	42	Swope Lime	980	986
Grey Shale	42	50	Hush Black Shale	986	994
Grey Shale	50	226	Upper Lagonda Shale	994	1021
Lime	226	254	Oil Sand	1021	1028
Grey Shale	254	258	Grey Shale	1028	1033
Lime	258	297	T.D. 1033'		
Grey Shale	297	379			
Lime	379	391			
Shale/Lime Mix	391	416			
Lime	416	486			
Shale	486	497			
Lime	497	500			
Shale	500	526			
Lime	526	600			
Excello Black Shale	600	610			
Little Osage Lime	610	628			
Black Jack Creek Shale	628	634			
Lime	634	651			
Pleasington Shale	651	786			
Knobstown Lime	786	789			
Shale	789	804			
Black shale	804	809			
Grey Shale	809	814			
Lime	814	818			
Shale	818	835			
Lime	835	844	RFC	EIVED	
Shale	844	900		V V	
Lime	900	907	MAY	4 2010	
Shale	907	927			
Lime	927	930	KCC	WICHITA	
Shale	930	948		1	

Surface bit: 9 7/8"	Surface Casing Ler	ngth: 50' Size: 7"	' Cement: 17 sx Portland	_
Drill bit: 6"	T.D.: 1033'	Long String: 1016'	Size: 2 7/8"	_

型		4	$\mathbb{L}V$		T S I	seauy	IVIIX,	Inc.
		they make the state of	lant 233-9900	P.O. Box 8	477 • 1105 N.W.	Lower Silver Lk. I FAX # 233-9947	Rd. • Topeka, Kans	as 66608 Office (785) 233-2423
PLANŢ	TIME	DATE	110	ACCOUNT	TRUCK	DRIVER		TICKET
CUSTOME	ER NAME	7/4	1,0		OMU	OWY		
·	Birko)	wh.l	def	23 DELIVE	RY ADDRESS		9
PURCHAS	SE ORDER		ORDER#	TAX				SLUMP
LOAD QTY	PRODUCT	DECC	RIPTION				<u> </u>	به
LOAD Q11	LUODOĆI	DESCR	RIPTION			ORDER	RED DELIVERED	UNIT PRICE AMOUNT
					general section of the section of th		i da i	
	\$	المصاصد				المستعملين والأخرار والمستعملين		440 -
10			1			•	Willed	111000
16	J 1549	com	en				C.CMCH	4 11280
LEAVE F	PLANT ARRIVE JO	OB SITE	START DISCHA	RGE F	NISH DISCHARGE	ARRIVE PLANT		1.8
							SUBTOTAL	
DRIVER added a	R Note here if water has beer and how much.		NOTE			IMPORTANT	TAX	· · · · · · · · · · · · · · · · · · ·
	•	V fi	Ve are not responsil reezing after placerr	ole for concrete tent.	caused by	heid responsible for dam our trucks when delive	pring	1100m 00
			28025	9	sible for que added by purch	nd the curb-line. Not resulting of concrete if water aser.	pon- r is PREVIOUS TO1 GRAND TOTAL	ral 11220
	•		Caution:					59.78
			SH CONC		•			
, •		Body or eye	contact with fould be avoid	resh (moist)		•		1187.70
			is alkali and is		Received By	1		

RECEIVED
MAY 1 4 2010

KCC WICHITA