Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1311966

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW □ Gas □ D&A □ ENHR □ SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
SWD Permit #: ENHR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East _ West
Recompletion Date Recompletion Date	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

	Page Two	1311966
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chow important tang of formations populated	Dotail all coros Roport all	final conject of drill stome tasts giving interval tasted, time tool

INSTRUCTIONS: Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional She		Yes No		.og Formatio	n (Top), Depth an	Sample	
Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-c	RECORD Ne		on, etc.		
Purpose of String	Purpose of String Size Hole Drilled		Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment of	on this well?		Yes	No (If No. skip	o questions 2 an	d 3)
		raulic fracturing treatment ex	ceed 350,000 gallons			o question 3)	

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

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)				
		Specify 10	Jiage of		enorated					Depth		
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner R		No			
Date of First, Resumed	Product	ion, SWD or ENH	3.	Producing N	lethod:	ping	Gas Lift	Other (Explain)				
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity		
DISPOSITIO	_			.	_				PRODUCTION INT	ERVAL:		
Vented Sold		Used on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)				
(If vented, Submit ACO-18.)				Other (Specify)			. ,					

Yes

No

(If No, fill out Page Three of the ACO-1)

Form	ACO1 - Well Completion
Operator	Abercrombie Energy, LLC
Well Name	RASEK A 4
Doc ID	1311966

Casing

	Size Hole Drilled	Size Casing Set		Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	9.625	20	327	poz	195	
Production	7.875	5.5	14	3911		200	
Liner	4.825	4.5	11.6	1445	poz	130	

TICKET 29533	PAGE OF 1	bate Date Owner b-S-1b Owner order No. Well location	UNIT AMOUNT PRICE	S w 150 w	250 00 1250 00	200	200	10 65 1332 52	 1 so 300 m	75 30 30 00	PAGE TOTAL 3164 PNICE PAGE TOTAL 3184 50 2184 50 2184 50 2595 27 TCAU 8.000 3103 76 70 303 76 70 303 76 70 303 76 76 303 76 76 303 76 76 303 76 76 303 76 70
		STATE CITY DATE KS SHIPPED DELIVERED TO VIA WELL PERMIT NO. WELL LOCK	aty. Lum aty. Lum	30 Nii		,	1 121 4 V2	30 sk	20 545	404 174	
creimblic Energy	DE	LOUNTYPARISH TVCCAO RIG NAMEINOJ JOB PURPOSE	DESCRIPTION	MILEAGE 1.22 11 3	Durip Cuarge.	Teo olue	I. Deld ON PLOSH JOINT Flourt Shoe	60/40 pozmix 4% ga	Service Charter Curr	4	REMIT PAYMENT TO: SWIFT SERVICES, INC. P.O. BOX 466 NESS CITY, KS 67560 785-798-2300 FRIMLS AND SERVICES THE OUSDOWN OF AND VIEW
ADDRESS	ces, Inc.	WELLPROJECT NO LEASE SWD (V)	INVOICE INSTRUCTIONS SECONDARY REFERENCE/ ACCOUNTING PART NUMBER LOC ACCT DF	1			1	C	8	3	
SW	Services	THURS CITY	REFERRAL LOCATION PRICE REFERENCE	sts	578	710	XIT.	323-4	531	583	LEGAL TERMS: Customer hereby the terms and conditions on the reve but are not limited to, PAYMENT, I LIMITED WARRANTY provisions. WUST BE SIGNED BY CUSTOMIR OR CUSTOM START OF WORK OR DELIVERY OF GOODS ATE SIGNED ATE SIG

OMER	coana la "		WELL NO. Si	1 Å		LEASE	1	JOB TYPE CMT LineR TICKET NO. 29533	
ART	EDM DI	RATE			PUN	PS	LEASE Ras PRESSUR	E (PSI)	
10.		(BPM)	(BBL) (GAL)	T	c	TUBING	CASING	ESCRIPTION OF OPERATION AND MATERIALS	
	1030							On location	
					-			41/2 inside 51/2	
								plug e 14/50	
								plug e 1450 Shor e 1445	
	1145	2.5	25			600		Break Circulation	
		2.5	D			600		START CHAT @ 13.0 PPG	
			32			LELLO	1	Circ Aut / Pales Which to 135	
		2.5	35			0		CITC CMT / RAISE Weight to 13.5 Ford CMT - 130 SKS 60/40 por	
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			0					Sign - Disp	
			23					Drop plag / Wash p # C Strar Disp land plug lift - 1200 psi land - 1520 psi	
			as					lang prog TIFF - Tacopsi	
								[and - 1500 psi	
								-	
								Circ 95 SKS CMT 40 pit	
								Thanks 1	
								David, Jon H. & Preston	
			+		-				
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Pioneer Wireline Services, LLC

Service Order No. 1- 49324

Every Project Is Personal

Phone: 785.625.3858 Fax: 785.625.8635

Date: 6-7-2016

Item ST 20 Item Raset A A 4 4 Scuit Raset Town County Parish Nearest Town County Parish Nearest Town County Parish Name Name County Parish County Parish Name Name County Parish Name Name County Parish Name County Parish Name County Parish Name	Comp Comp Billing	Abererambie Ener Address	4. LLC			Client Orde		suit	>
B Rasek A #4 Swith IZ 12S Z3W Nearest Town County / Parinin ST Rig Permit# Pier Zane Casing Size Casing Weight Wirk Concert Trocgo IKS Rig Permit# Pier Zane S'1/2 Casing Size Casing Weight Wirk Concert Trocgo IKS Rig Permit# Pier Zane S'1/2 Casing Weight Wirk Concert Waster Interview S'1/64 IG38 Piencer TD. Berevition Belevation Waster Waster Track Oriver Casing Weight Interview Interview Belevation Product Code Description Cast Oriver Casing Weight Interview Miles Product Code Description Cast Oriver Casing Weight Interview Product Code Description Cast Oriver Miles Miles ISO22 Downy / Sact Cast Cancert 24000 1/450 24000 ISO22 Downy / Sact Cast Cancert 24000 1/450 24000 ISO22 Downy / Sact Cast Cancert 24000 1/450 24000 ISO22 Downy / Sact Cancert Zaco ³⁰ Zaco ³⁰		Address	3/1		: c	City	-	ST	Zip
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8 141412		1450							
		8							
		14/4/2							
THE UNDERSIGNED HEREBY CERTIFIES THAT HE HAS FULL AUTHORITY TO ENTER INTO THIS CONTRACT ON BEHALF OF THE CLIENT AND AGREES TO THE TERMS AND CONDITIONS SET FORTH ON THE REVERSE SIDE HEREOF. Client Approval Client Approval TAX SUBTOTAL TAX SUBTOTAL TAX	ENTER INTO	THIS CONTRACT ON BEHALF OF THE (LIENT AND AGREES TO THE	BP=	\$22	5000)
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Pioneer Field Representative 6-7-2016 PIONEER OFFICE USE ONLY - Manager Approval Name Printed Signature / Date Signature / Date	DS	chunice)		ð		(VKY - Manage	6/8	116