

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1148985

Form ACO-1 June 2009 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 Cast / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
-	
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW	Amount of Surface Pipe Set and Cemented at: Feet
Gas D&A ENHR SIGW	Multiple Stage Cementing Collar Used?
OG GSW Temp. Abd.	If yes, show depth set: Feet
CM (Coal Bed Methane)	If Alternate II completion, cement circulated from:
Cathodic Other (Core, Expl., etc.):	feet depth to:w/sx cmt
If Workover/Re-entry: Old Well Info as follows:	
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls
	Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	On and the Name
Dual Completion Permit #:	Operator Name:
□ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	QuarterSecTwpS. R East West
GSW Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date	

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

KCC Office Use ONLY								
Letter of Confidentiality Received								
Date: Confidential Release Date:								
Wireline Log Received Geologist Report Received								
UIC Distribution								
ALT I II III Approved by: Date:								

	Side Two	1148985
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	

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 complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No	L	0	n (Top), Depth an	d Datum Top	Sample Datum
Samples Sent to Geolog	gical Survey	Yes No					
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		<pre>Yes □ No Yes □ No Yes □ No</pre>					
List All E. Logs Run:							
		CASIN	G RECORD	ew Used			
		Report all strings se	t-conductor, surface, int	ermediate, product	ion, 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

ADDITIONAL CEMENTING / SQUEEZE RECORD

Purpose: —— Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing Plug Back TD				
Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated							ement Squeeze Record I of Material Used)	Depth	
TUBING RECORD:	Siz	:e:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed P	Producti	on, SWD or ENHF	₹.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:				METHOD OF COMPLE		TION:		PRODUCTION INT	ERVAL:	
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit A	Comp. AC <i>O-5)</i>	Commingled (Submit ACO-4)		
(If vented, Subr	nit ACO	-18.)		Other (Specify)						

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

TICKET NUMBER_____

Feed Made

255916

LOCATION Ottowa +

FOREMAN Fred Made

1	-					
PO	Box	884,	Chanute,	KS	66720	
and second				0.00.000		

gil Wall Services, LLC

FIELD TICKET & TREATMENT REPORT

620-431-9210	or 800-407-0070			CENICIA		•	·, .		
DATE	CUSTOMER #	WELLI	NAME & NUM	BER	SEC	TION	TOWNSHIP	RANGE	COUNTY
1/14/13	1174	Cox #	<i>E</i> . +	\$32.	NW	21	20	22	LN.
CUSTOMER	a and a province of the local data and a second				i wir feit i		1999 S. 1998 S. 1998		CONTRACTOR OF
A	· 6 oil		• .		TRU	CK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRI	ESS				50	06	FreMad	Safely	ne
30	0 SE	215+			40	25	Harbec	ITB	A Contraction
CITY		STATE	ZIP CODE		3	20	Kei Car	KC	
Tope	Ka	KS	66607		5	SF	Breman		
Budantine and a second s	mastrin,	HOLE SIZE	· 6 "	HOLE DEPTH	6	40.	CASING SIZE & W	EIGHT 27	EUE
CASING DEPTH	+628 h	DRILL PIPE		TUBING	edagdada			OTHER	
	łT	SLURRY VOL		WATER gal/s	k	······································	CEMENT LEFT in	CASING 2/2	"plug
	T_3.65		PSI	MIX PSI			RATE 413 PM	n <u>.</u>	
REMARKS:	4012 Cre	ear meat	in Es	tablish	ci	rco la	tion Mi	XX Pun	1
100	* Gel F	lush. M.	O FPU	mp. 85	SKS	50/50	o Por Mix	Coment	2%
Col.	Cement	10 50.	Face:	Flush	PUN	10 ×	lines clean	ne Disp	laco
26'	Rubber	n/119 kg	casing	TD.	Pres	SUVA	- Yo 800	* PSI.	
Rel	POSE Dre	ssuve y	5 Sel	float	Valu	1 e	Shut in a	asing	
	· · · · · ·					-		04	

JTC Drilling

					promised in the second state of the second sta
ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRO	DUCT		TOTAL
5401	1	PUMP CHARGE	495		103000
5406	40	MILEAGE	455		160 20
5402	628	Casing Footage			NIC
5407	Minimum		558		35000
5302C	3 hrs	80 BBL Vac Truck	310		27000
	1				
1124	85sks	50/50 Por Mix Coment			9:30 75
11183	855ks 245th	So/50 Por Mix Coment Piremium Cuel			5145
4402	1	212" Rubber Plug			2800
7700	and the second se	····	an a fair an		
			-		
	ne en la factor per contra per produce a contra d'antiga a destructura per per per a contra de la defini a dest				
-					
	Λ ·				1.
	10		6.3%	SALES TAX	6364
Ravin 3737	(ind)) 1		• 4	ESTIMATED	2883 54
AUTHORIZTION	MMM	TITLE		DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

DRILL LOG

Operator	r License#			API	15-107	-24665-00	0-00
Operato	r			Lease Nam	e Cox		
Address				Well #	32		
Contract	or JTC Oil, Inc	5 11 15		Spud Date	12/19/12 0	ement	1/14/12
Contract of	or License328	34		Location	21		
T.D. 6	640 T.D. of Pipe	e 628			fe	et from	
Surf. Pip	e Size_ 7" _Depth	20′			_feet from _		
Kind of V	Vellprod			County	Linn		
Thicknes	s Strata		From		Го	Thi	<u>ckness</u>
Strata	From	To					
10	clay/soil	0	10				
6	lime	10	16				
48	shale	16	64				
6	lime	64	70				
7	shale	70	77				
34	lime	77	111				
8	shale	111	118				
26	lime	118	144				
4	black shale	144	148				
20	lime	148	168				

.

<u>52</u>	shale	168	220				
100	shale	220	320	18	shale mix	440	458
10	lime	320	330	10	shale	458	468
<u>10</u>	shale	330	340	13	lime	468	481
5	lime	340	345	27	shale	481	508
1	shale	345	346	6	lime	508	512
7	lime	346	353	8	shale	512	520
<u>17</u>	no oil/shale mix	353	370	8	shale mix	520	528
<u>35</u>	shale	370	405	22	no oil/	528	550
<u>17</u>	lime	405	422	2	little oil	550	<u>552</u>
8	lime mix	422	430	2	little oil	552	554
<u>10</u>	shale	430	440	2	shale mix	554	556
				2	shale	556	558
and a state of the				2	little oil	558	560
				2	little oil	560	562
	-			2	better	562	564
				2	good	564	566
				2	good	566	568
				2	good	568	570
				2	good	570	572
				2	good	572	574
				2	good	574	576
			e	2	good	576	578

	2	good	578	<u>580</u>
	2	good	580	582
	2	alright	582	<u>584</u>
	2	little	584	586
-	34	shale	586	620
	5	lime m ix	620	625

	15	shale	625	640

-