

### Kansas Corporation Commission Oil & Gas Conservation Division

#### 1105498

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:	SecTwpS. R
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: ()	□NE □NW □SE □SW
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 Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet  Multiple Stage Cementing Collar Used?
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Onv. to ENHR	Chloride content: ppm Fluid volume: bbls  Dewatering method used:
Plug Back: Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled Permit #:	Operator Name:
Dual Completion Permit #:	Lease Name: License #:
SWD Permit #:	Quarter Sec TwpS. R
☐ ENHR         Permit #:           ☐ GSW         Permit #:	County: Permit #:
GGW Fellill #.	
Spud Date or 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



Operator Name:				_ Lease N	lame:			Well #:		
Sec Twp	S. R	East	West	County:						
INSTRUCTIONS: Sh time tool open and clo recovery, and flow rate line Logs surveyed. A	osed, flowing and shu es if gas to surface te	t-in pressures, st, along with f	whether sh inal chart(s	nut-in press	ure reach	ed static level,	hydrostatic pres	sures, bottom h	ole temp	erature, fluid
Drill Stem Tests Taker (Attach Additional S		Yes	No		Log	y Formation	n (Top), Depth a	nd Datum		Sample
Samples Sent to Geo	logical Survey	Yes	No		Name			Тор	I	Datum
Cores Taken Electric Log Run Electric Log Submitte (If no, Submit Copy	d Electronically	Yes Yes Yes	☐ No ☐ No ☐ No							
List All E. Logs Run:										
		Report all	CASING I		New	Used mediate, producti	on, etc.			
Purpose of String	Size Hole Drilled	Size Ca Set (In C	sing	Weight Lbs. / Ft		Setting Depth	Type of Cement	# Sacks Used	, ,,	and Percent dditives
		AI	DDITIONAL	CEMENTIN	G / SQUE	EZE RECORD				
Purpose:  Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Depth Type of Cement		# Sacks	Used	Type and Percent Additives				
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Ty Specify Footage of Each Interval Perforated			s Set/Type orated			cture, Shot, Cemei mount and Kind of N		d	Depth
TUBING RECORD:	Size:	Set At:		Packer At:		Liner Run:				
Date of First, Resumed	Production, SWD or EN		ducing Meth	od:		as Lift C	Yes No	0		
Estimated Production Per 24 Hours	Oil	Bbls.		Mcf	Water		ols.	Gas-Oil Ratio		Gravity
DISPOSITIO	ON OF GAS:		M	IETHOD OF	COMPLET	ION:		PRODUCTIO	ON INTER	VAL:
Vented Sold	Used on Lease	Open	Hole (Specify)	Perf.	Dually (		nmingled mit ACO-4)			



TICKET NUMBER 35132
LOCATION OHawa, KS
FOREMAN Casey Kennedy

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

## FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER#	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
10/24	7823	Lowe # 11	SW 18	17	-52	MI
CUSTOMER	var Oil Co		TRUCK#	The state of the s	TO LOW !	~ <del>,</del>
MAILING ADDR	ESS		481	Casken	TRUCK# ·	DRIVER
1620	5 W 287+	L 57	6666	GarMoo	10 305	et y Meer o
CITY	STAT		503	Dan Det		<del></del>
Paola	a	(S 66071	369	DorMas		
JOB TYPE O	ngstring Holi	SIZE 55/811 HOLE DEF	этн <u> 4991</u>	CASING SIZE & \	WEIGHT 27	& " EVE
CASING DEPTH		L PIPETUBING		·	OTHER	·
SLURRY WEIGH	HTSLUF	RRY VOL WATER ga	al/sk	CEMENT LEFT in		
DISPLACEMENT	r <u>2.76 bl</u> s disp	LACEMENT PSI MIX PSI		RATE 4.5	spin	
REMARKS: he	ld satety mee	ling established circ	utation, ni	xed + pou	seed 100.	# Premius
sel tollow	wed by 10 b	bls tresh water mix	ed t pumper	1 000000000 mbs	165 sks 5	Par Par
coment u	2/ 270/gel p	er st cement to s	surface, Alus	hed pump	elean, E	oursed .
2 /2 " rub	per plug to	casing TD w/ 2.76	blds fresh w	ater, press	ured to	800 PS1.
'eleaned	pressure, shu	in easing.				
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ACCOUNT						
CODE	QUANITY or UN	TS DESCRIPTION	of SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE				1030,00
5406	40 mi	MILEAGE				160.00
5402	4741	caring bootage	e			
5407	minimum	ton mileage	>			350,00
5502C	2.5 hrs	80 Vac				225.00
					-	
1124	le5 sks	JE/50 POZMi	x convert			711.75
1118B	209 #	Premium Gel				43.89
4402	1	21/2" rubber	Plua.			28,00
			1			J
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				:-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 <sub>2</sub> 1.
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I- char				£. 22.55°	SALES TAX	59.16
vin 3737	11 0 -				ESTIMATED TOTAL	2607,80
UTHORIZTION_	No Co. Red	· on location TITLE			DATE	2.00 1700

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.

254041

Miami County, KS Well: Lowe 11 Lease Owner: TOC

# Town Oilfield Service, Inc. Commenced Spudding: 10/23/2012

### WELL LOG

Thickness of Strata	Formation	Total Depth
2	Soil-Clay	2
13	Lime	15
55	Shale	70
9	Lime	79
9	Shale	88
3	Lime	91
19	Shale	110
6	Lime	116
19	Shale	135
10	Sandy Shale	145
16	Shale	161
7	Lime	168
15	Shale	183
30	Lime	213
7	Shale	220
21	Lime	241
2	Shale	243
3	Lime	246
5	Shale	251
6	Lime	257
3	Shale	260
12	Sand	272
9	Shale	281
1	Sand	282
4	Sand	286
2	Sand	288
5	Sand	293
31	Sandy Shale	324
49	Shale	373
7	Sand	380
5	Sandy Shale	385
36	Shale	421
1	Sand	422
1	Sand	423
4	Sand	427
1	Sandy Lime	428
5	Sand	433
12	Sand	445
2	Sand	447
4	Sandy Shale	451

Miami County, KS Well: Lowe 11 Lease Owner: TOC

# Town Oilfield Service, Inc. Commenced Spudding: 10/23/2012

12	Shale	463
5	Lime	468
4	Shale	472
1	Lime	473
9	Shale	482
7	Lime	489
5	Sand	494
5	Sandy Shale	499-TD
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Miami County, KS Well: Lowe 11 Lease Owner: TOC

Town Oilfield Service, Inc. Commenced Spudding: 10/23/2012