

Kansas Corporation Commission Oil & Gas Conservation Division

1079049

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:	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: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW	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 Twp S. R
☐ ENHR Permit #: ☐ GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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	Weigi Lbs. /	ht	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	Purpose: Perforate Protect Casing Plug Back TD Depth Top Bottom Type of Cement			# Sacks	Used		Type and	Percent Additives		
Shots Per Foot	hots Per Foot PERFORATION RECORD - Bridge Plugs Se Specify Footage of Each Interval Perforate						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)			

Miami County, KS Well: Lowe #1 Lease Owner: TOC

Town Oilfield Service, Inc. Commenced Spudding: 3/23/2012

WELL LOG

Thickness of Strata	Formation	Total Depth		
0-8	Soil-Clay	8		
26	Lime	34		
3	Shale	37		
1	Lime	38		
48	Shale	86		
9	Lime	95		
9	Shale	104		
6	Sand	110		
17	Shale	127		
6	Lime	133		
46	Shale	179		
8	Lime	187		
15	Shale	202		
31	Lime	233		
6	Shale	239		
21	Lime	260		
4	Shale	264		
3	Lime	267		
4	Shale	271		
7	Lime	278		
118	Shale	396		
12	Sandy Shale	408		
34	Shale	442		
18	Core	460		
1	Sand	461		
4	Lime	465		
11	Shale	476		
15	Lime	491		
5	Coal	496		
9	Lime	505		
18	Shale	523		
3	Lime	526		
4	Shale	530		
7	Sandy Shale	537		
4	Shale	541		
19	Lime	560		
8	Shale	568		
2	Lime	570		
27	Shale	597		
3	Black Shale	600-TD		

Lease Owner: TOC

Miami County, KS **Town Oilfield Service, Inc.** Commenced Spudding: Well: Lowe #1 (913) 837-8400 3/23/2012



LOCATION OHOWA KS

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
3/26/12	7823	Lou	Je ≢ /		5W 18.	<i>t</i> 7	25	1271.
CUSTOMER							有产品的基本	
Toe	un oil	<u>Co.</u>			TRUCK#	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS ⁽				506	FREMAD	Safek	my
162	55 W	287+5 5:	* .		495	HARBEC	NIBO	0'
CITY		STATE	ZIP CODE		510	ASAMIC	·Am	
Paola		KS	66071					
	mastring.	HOLE SIZE	578 H	OLE DEPTH	<u> </u>	CASING SIZE & W	EIGHT 278	EUE
CASING DEPTH	T	DRILL PIPE	T(JBING		<u> </u>	OTHER	
SLURRY WEIGH		SLURRY VOL_	w	ATER gal/sl	······································	CEMENT LEFT in	CASING 2/2	Pluc
DISPLACEMENT	2 6	DISPLACEMEN		IX PSI		RATE SBP		2
	Establis					Premios		uch.
KEWARNS. L	T	mo 75		0/50	Por Mix	Cement		-3.7
	<i>j j</i>	, ,	/ \		mp& line		Displa	
		0 50 11			7	· Lieun,	w 15 y - ca	<u></u>
	2 Rubb	ser plu	To Ca	5, hig 1.	10:			
						<u> </u>		
-							<u> </u>	
				·	· · · · · · · · · · · · · · · · · · ·	- 		
						·		
						\$50 miles		
	ì		T	· · · · · ·				
ACCOUNT CODE	QUANITY	or UNITS	DESC	RIPTION of	SERVICES or PRO		UNIT PRICE	TOTAL
	QUANITY o	or UNITS	DESC PUMP CHARGE	RIPTION of	SERVICES or PRO	DDUCT 495	UNIT PRICE	103000
SHO /		or UNITS し 35m,		RIPTION of	SERVICES or PRO		UNIT PRICE	10TAL 103000 14000
540 S		1	PUMP CHARGE	Foo to		495	UNIT PRICE	103000 14000 1410
540 / 540 6 540 2	49	1 35 m; 14	PUMP CHARGE MILEAGE	<u></u>		495	UNIT PRICE	103000 14000 1410
540 S		1 35 m; 14	PUMP CHARGE MILEAGE Casms	<u></u>		495 495	UNIT PRICE	103000
540 / 540 6 540 2	49	1 35 m; 14	PUMP CHARGE MILEAGE Casms	<u></u>		495 495	UNIT PRICE	103000 14000 1410
540 / 540 6 540 2	49	1 35 m; 14	PUMP CHARGE MILEAGE Casms	<u></u>		495 495	UNIT PRICE	103000 14000 1410
540 / 540 6 540 2 540 7	Minim Minim	1 35 m; 14 Um	PUMP CHARGE MILEAGE Casmy Ton V	Footon, les	290.	495 495 312		103000 14000 N/C 35000
540 / 540 6 540 Z 540 Z	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footon, les		495 495 312		103000 14000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35 m; 14 Um	PUMP CHARGE MILEAGE Casmy Ton V	Footon; les	iz Comer	495 495 312		103000 141000 N/C 35000
540 / 540 6 540 Z 540 Z	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footon, les	290.	495 495 312		103000 14000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footon; les	iz Comer	495 495 312		103000 121000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footon; les	iz Comer	495 495 312		103000 14000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	iz Comer	495 495 3)2		103000 14000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	iz Comer	495 495 312		103000 14000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	iz Comer	495 495 3)2		103000 121000 N/C 35000
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35m; 14 Um 55Ks	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	iz Comer	495 495 3)2		103000 14000 N/C 35000 82125 4746 2800
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35 m; 14 Um Um 55 KS 26 #	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	iz Comer	495 495 3)2		103000 14000 N/C 35000 82125 4746 2800
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35 m; 14 Um Um 55 KS 26 #	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M March	Lege Dhy	495 495 378		103000 14000 N/C 35000 82125 4745 2800
540 / 540 / 540 / 540 / 540 / 112 / 118 /	Minim Minim	1 35 m; 14 Um Um 55 KS 26 #	PUMP CHARGE MILEAGE Casmy Ton V	Footo Miles Por M M G bbor	iz Comer	495 495 3)2		103000 14000 N/C 35000 82125 4746 2800

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.