

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1079052

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 East / 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? Yes No
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 #:	Operation
Dual Completion Permit #:	Operator Name:
☐ SWD Permit #:	Lease Name: License #:
ENHR Permit #:	Quarter Sec Twp S. R East West
GSW Permit #:	County: Permit #:
Spud Date or Date Reached TD Completion Date or Recompletion Date 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 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 She	eets)	Yes	No		og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geolog	jical Survey	Yes	No	Nam	e		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted E (If no, Submit Copy)	Electronically	YesYesYes	□ No □ No □ No					
List All E. Logs Run:								
		Report all		RECORD No	ew Used ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Ca Set (In C		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 d of Material Used)	Depth			
TUBING RECORD:	Si	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed F	Product	ion, SWD or ENH	۶.	Producing N	1ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
			1							
DISPOSITIC	ON OF (GAS:			METHOD	OF COMPLE	TION:		PRODUCTION INTER	RVAL:
Vented Sold		Used on Lease		Open Hole	Perf.	Dually (Submit)		Commingled (Submit ACO-4)		
(If vented, Sub	mit ACC)-18.)		Other (Specify)						

	anne ar a fanns anns an filmrich an marianni anns.	· · · ·		TICKET NUM	BER 36	549
	GNSOLIDATED	-	· · · · · · · · · · · · · · · · · · ·	LOCATION_C		5
	oili Well Services, LLC				Fred Marc	
	hanute, KS 66720 F	IELD TICKET & TRE	ATMENT REF			<u></u>
U BOX 884, U 20-431-9210 (or 800-467-8676	CEME	-			· .
DATE		ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2/22/12	-1813	owe #3	54) 18	17.0	25	M-1-
3/23/12		<u></u>				
	un oil Co,		TRUCK#	DRIVER	TRUCK#	DRIVER
AILING ADDRE	طنف ا		506	FREMAD	Satety	net
.165		St .	368	GARMOD	GMO	6
ITY	STATE	ZIP_CODE	518	MIKMAA	MH	
Pasla	KS	66071		<u> </u>		· • *
OB TYPE he		<u> </u>	тн <u>520'</u>	CASING SIZE &	WEIGHT	EUE
ASING DEPTH	<u> </u>	TUBING			OTHER	· · ·
LURRY WEIGH	T SLURRY VO	L WATER ga	!/sk	CEMENT LEFT In	CASING 2/2	" ptu
ISPLACEMENT	2.88 BBC DISPLACEM	ENT PSI MIX PSI		RATE 413P	m	. p-
EMARKS: E	stablish pump	rate: Mix+1	Dump 100	# Premius	n Gel Fk	sk.
M	XX POMO 355.	145: 50/50 Por.	· · /		el. Cem	al.
to		lush pumpti	lines clea	20. Drs	place à	12 1
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Cu	stomer Supplie	ed Water.		. 1		
	S Drilling			Frid	Inde	
		-				
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION	of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE		368		103000
5406		MILEAGE	· · · · · · · · · · · · · · · · · · ·	368		14/09
5402	496	Caising Foot				NIC
540.7		Ton Miles	any e	510		352
3747	minimum	Ton mines	·····	070		
	· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·		
1124 ·	753Ks	50/50 Por W	1.x Concur	<u>× </u>		<u> </u>
111EB	j 226#	Premium	vel			4746
4402	· <u> </u>	22" Robber	Plus .			289
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3737			<u></u>	1.3.3.10	ESTIMATED	
	-11 C	- .			TOTAL	24844
THORIZTION_	Stophen Life	TITLE	· · · ·	· · · · · ·	DATE	

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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

Miami County, KS Well: Lowe # 3 Lease Owner: TOC

WELL LOG

Thickness of Strata	Formation	Total Depth
0-6	Soil-Clay	6
36	Lime	42
50	Shale	92
9	Lime	101
30	Shale	131
7	Lime	138
48	Shale	186
9	Lime	195
14	Shale	209
29	Lime	238
5	Shale	243
16	Lime	259
4	Shale	263
3	Lime	266
4	Shale	270
6	Lime	276
117	Shale	393
8	Sand	401
12	Sandy Shale	413
22	Shale	435
1	Sand	436
2	Sand	438
19	Core	457
6	Sand	463
17	Shale	480
6	Lime	486
15	Shale	501
9	Lime	510
10	Shale	520-TD

Miami County, KS Well: Lowe # 3 Town Oilfield Service, Inc. Commenced Spudding: (913) 837-8400 3/22/2012