

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1105494

Form ACO-1 June 2009 Form Must Be Typed Form must be Signed All blanks must be Filled

WELL COMPLETION FORM

	-	-	-	-	
WELL HISTORY -	D	ESCRIPTION	N OF V	VELL a	& LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / 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 Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.): If Workover/Re-entry: Old Well Info as follows: Operator:	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: Feet feet depth to: w/ sx cmt Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) Chloride content: ppm Chloride content: ppm Fluid volume: bbls
Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #: Dual Completion Permit #: SWD Permit #: ENHR Permit #: GSW Permit #:	Dewatering method used:
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	1105494
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 Shee	ets)	Yes No		Log Fo	ormation (Top), Depth ar	nd Datum Top	Sample
Samples Sent to Geologic	cal Survey	Yes No		Name		юр	Datum
Cores Taken Electric Log Run Electric Log Submitted El (If no, Submit Copy)	ectronically	☐ Yes ☐ No ☐ Yes ☐ No ☐ Yes ☐ No)				
List All E. Logs Run:							
		CAS		New U	sed		
		Report all strings	set-conductor, surfac	e, intermediate,	production, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Sett Dep		# 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)e			ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed I	Product	ion, SWD or ENHF	λ .	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
DISPOSITIC	ON OF C	BAS:			METHOD	OF COMPLE	TION:		PRODUCTION INT	ERVAL:
Vented Sold		Jsed on Lease		Open Hole	Perf.	Dually (Submit)	Comp. ACO-5)	Commingled (Submit ACO-4)		
(If vented, Sub	omit ACC)-18.)		Other (Specify)						

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

10/29/201	l2 12:37	191329448						PAGE 01/02
١ ٣						TICKET NUME	ER 30	<u>UVU</u>
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	H Wall Service	9. K. K. 6.				FOREMAN_	Han Ma	Aer
	anute, KS 6672	₁₀ Fie	LD TICKET	& IREA	TMENT REP	UNI		
-20-431-9210 0	r 800-467-8676			CEMEN		7	RANGE	COUNTY.
DATE	CUSTOMER #	WEL	L NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	<u></u>
	7823	Lowe	6		SW 18	17	25	151
10-23-12	10~	A COLO ICO				ALL	TRUCK #	DRIVER
	D.1				TRUCK #	DRIVER		
TOWO MAILING ADDRE	<u>ss</u>	<u> </u>			516	Vs la Mad	Saffy /	heet_
11 705	W287	7			368	Ballar	<u></u>	
16205	- 47 × 0 ·	STATE	ZIP CODE	1	369	Vois Ric_	TR.	
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Kada,		and the state of the	25/-	I HOLE DEPTH	499	CASING SIZE & W	IEIGHT d	18
IOB TYPE_12		HOLE SIZE	<u>2 7.8</u>	-	<u></u>	0,10,110 0.11	OTHER	
ASING DEPTH	448	DRILL PIPE		TUBING			· •	25
SLURRY WEIGH		SLURRY VOL_		WATER gal/6		CEMENT LEFT in		
DISPLACEMENT,		DISPLACEMEN	IT PSI 800	MIX PSI	ez	RATE 76	eng.	a contra
		meet		blished	rate ,	Mixed &	Annfed	1000
REMARKS: He	The Crew	L . /.	W EK	50150	cemen	+ plus	2% 90	·
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Circu	ated Ce	ment.	FILST	Con For		lased u	alve.	
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TOS, C	-bad					Modes		
TOS C	bad				Alorali	Nodec		
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ACCOUNT	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES OF PR	ODUCT	UNIT PRICE	TOTAL
	,, ,, , ,, , ,, , ,, , ,, , , , , , , , , , , , , , , , , , , ,	or UNITS					UNIT PRICE	1030.00
ACCOUNT CODE 5401	,, ,, , ,, , ,, , ,, , ,, , , , , , , , , , , , , , , , , , , ,	DY UNITS	PUMP CHARG			ODUCT	UNIT PRICE	TOTAL 1030.00 160.00
ACCOUNT CODE 5401 5406	QUANITY O	>				ODUCT	UNIT PRICE	1030.80 160.00
ACCOUNT CODE 5401 5406	QUANITY (1 4/7 4/7) 4 <i>8</i>	PUMP CHARG MILEAGE	e , foot	SERVICES OF PR	орист <u>368</u> <u>368</u> Зюб	UNIT PRICE	1030.80 160.00
ACCOUNT CODE 5401 5406 5402	QUANITY (1 4/7 4/7) 4 <i>8</i>	PUMP CHARG MILEAGE C.a.Sia T.2.	E foot	SERVICES OF PR	орист <u>368</u> <u>368</u> Зюб	UNIT PRICE	1030.80 160.00
ACCOUNT CODE 5401 5406 5402 5402	QUANITY O) 4 <i>8</i>	PUMP CHARG MILEAGE	E foot	SERVICES OF PR	ODUCT		1030.00
ACCOUNT CODE 5401 5406 5402	QUANITY (1 4/7 4/7) 4 <i>8</i>	PUMP CHARG MILEAGE C.a.Sia T.2.	E foot	SERVICES OF PR	орист <u>368</u> <u>368</u> Зюб		1030.80 160.00
ACCOUNT CODE 5401 5406 5402 5402	QUANITY (1 4/7 4/7) 4 <i>8</i>	PUMP CHARG MILEAGE C.a.Sia T.2.	E foot	SERVICES OF PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00
ACCOUNT CODE 5401 5402 5402 5402 5402 5502C	QUANITY	, H <i>8</i>	PUMP CHARG MILEAGE C.a.S.I.a. T.2.A. 80.	E foot asile.	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00
ACCOUNT CODE 5401 5400 5402 5402 5402 5502C	QUANITY	> H 8 	PUMP CHARG MILEAGE C.a.S.I.a. 7:2-1 80.0 50/50	E foot asile. cc	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00
ACCOUNT CODE 5401 5402 5402 5402 5502C	QUANITY	> H 8 	PUMP CHARG MILEAGE C.a.S.I.a. 7:2-1 80.0 50/50	E foot asile. cc	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00 350.00 180.00 700.80 43.68
ACCOUNT CODE 5401 5402 5402 5402 5502C	QUANITY	, H <i>8</i>	PUMP CHARG MILEAGE C.a.S.I.a. 7:2-1 80.0 50/50	E foot asile. cc	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00
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ACCOUNT CODE 5401 5402 5402 5402 5502C	QUANITY	> H 8 	PUMP CHARG MILEAGE C.a.S.I.a. 7:2-1 80.0 50/50	E foot asile. cc	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00 350.00 180.00 700.80 43.68 28.00
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ACCOUNT CODE 5401 5402 5402 5402 5502C	QUANITY (× × 8 ↓ 8 ↓	PUMP CHARG MILEAGE C. G.S. I.G. T.2. 80. J S.C. I. S.C. I. S.C	E foot saile cc Cean olyg	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб	SALES TAX	1030.00 160.00 350.00 180.05 700.80 43.68 28.00
ACCOUNT CODE 5401 5402 5402 5402 5502C	QUANITY	× × 8 ↓ 8 ↓	PUMP CHARG MILEAGE C. G.S. I.G. T.2. 80. J S.C. I. S.C. I. S.C	E foot saile cc Cean olyg	SERVICES of PR	орист <u>368</u> <u>368</u> Зюб		1030.00 160.00 350.00 180.05 700.80 43.68 28.00

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.

253974

Miami County, KS Well: Lowe 6 Lease Owner: TOC

WELL LOG

Thickness of Strata	Formation	Total Depth
3	Soil-Clay	3
9	Rock	12
37	Shale	49
9	Lime	58
7	Shale	65
8	Sand	73
20	Shale	93
5	Lime	98
17	Shale	115
10	Sandy Shale	125
20	Shale	145
9	Lime	154
14	Shale	168
31	Lime	199
6	Shale	205
21	Lime	226
4	Shale	230
3	Lime	233
5	Shale	238
6	Lime	244
6	Shale	250
7	Sand	257
12	Shale	269
7	Sand	276
8	Sand	284
5	Sand	289
13	Sandy Shale	302
57	Shale	359
4	Sand	363
5	Broken Sand	368
32	Shale	400
10	Sand	410
4	Sand	414
4	Sand	418
3	Sand	421
1	Lime	422
3	Sand	425
3	Sandy Shale	428
12	Shale	440
7	Sandy Shale	447

Lease Owner: TOC

Miami County, KS Town Oilfield Service, Inc. Commenced Spudding: Well: Lowe 6 (913) 837-8400 10/22/2012

7	Shale	454
2		
	Lime	456
4	Shale	460
6	Lime	466
7	Shale	473
6	Lime	479
4	Sand	483
16	Shale	499-TD